

KINGDOM OF SAUDI ARABIA
Ministry of Higher Education
Majmaah University
Faculty of science
Department of Computer Science & Inf.



المملكة العربية السعودية
وزارة التعليم العالي
جامعة المجمعة
كلية العلوم
قسم علوم الحاسب والمعلومات

Student Services website



Graduation Project

Student Affairs System
For College of science Al Zulfi
Department of Computer Science and Information

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DATE
1440/3/12

Abstract

Students at Majmmah University may suffer from a lack of a website that provides students with: The possibility of booking office hours, whether academic or guidance and also scientific research, there is no website that tells the student that there are training courses in a specific place and time, often the ad is random and does not reach all students and do not know how to register.

Also, there is no simplified map of university faculties to find an office or place in an easy and simple way. Often, the information is placed in an unclear way for the student or needs more time to find what he wants.

The solution to this problem is to have a site that contains all these services under the name of student services. The importance of this site enables it to provide services to the student in an easy and accessible way with the shortest time and effort.

Thanks and appreciation

At the end of college life, stand and thank for every Professor gave us science and knowledge with love, sincerity and honesty.

thank you mom and dad who don't stop when you pray for me...

thanks for myself for the patience to withstand pressure and striving forward .

**MAJMAAH UNIVERSITY,
COLLEGE OF SCIENCE AL ZULFI,
DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION**

(CERTIFICATE BY STUDENT)

This is to certify that the project titled “**Student Services website** ” submitted by me (**Lulu Nasser Aldrewesh, 351205246**) under the supervision of **Dr. Maria Altiaab** for award of Bachelor degree of the Majmaah University carried out during the Semester 1, 2018-19 embodies my original work.

Signature in full: -----

Name in block letters:

Student ID:

Date:

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Chapter One:

Introduction

1.1 Introduction

No doubt that people's lives change dramatically as time change, and consequently the ways of communicating among people and the means of entertainment are changed, too. In fact, each community is characterized by certain trade on specific time, for example, there were people known for their agricultural work in which they depend on the agriculture as a source of income. However, by the time passed they became an industrial community in which they depend on the technology and industry as source of income, that is described as a developed community. (1).

In the 20th century of human history, the technology revolution occurred and continued to this day in which has swept the entire world's wealth, and became an essential part of countries and societies life, in contract with the initial effect of technology in the past.

The human efforts to transfer information, skills, experiences, and ideas is now available through discovery and innovation in technological means which help in the process of transferring information easily and quickly between societies.

The connection whereby is an interaction between transceiver and a vector by a message, in this reaction the ideas can be transferred and the tasks accomplished.(2)

It is the primary way for most workers that they must acquire skills in respect of technology concepts, production, delivering and receiving means of communication in their work and their lives. Whereas the digital communication is the ability to create effective communication by different digital means, and the reception systems are constantly developed because they are used widely in many ways. (3)

Due to the fact that we have to create more systems to facilitate our lives, I came with the idea of this project to enhance the University environment technologies to facilitate the delivery of electronic services that benefit the student during his university studies.

1.2Overview

A website where all data is recorded in electronic form, which is inquired and then researched in question and clarifies the required information easily, and the information is accurate, and these are specific services for the student.

It is as follows: The possibility of the student to reserve the office clock from the professor and is agreed on a specific date, The possibility of booking the training courses of the University, Search for university college maps and also search for staff information when needed .

1.3 System description

At present, no one can practice his life without resorting to the use of technology, because modern technology reduces the effort to do what he has to do and to facilitate our daily lives for the better and in education has become dependent on advanced technological devices that help higher productivity and more accurate (4) .

Which is why the idea of creating a website for student services helps to provide e-services for students and professor, and this website is illustrated through plans and drawings.

1.4 Problem definition

There is no special website for student services for the possibility of booking the office hours, whether academic or guidance and also scientific research, and there is no website that tells the student that there are university training courses at a specific place and time that are often advertised randomly and do not reach all the students and do not know how to register.

Also, there is no simplified map of the university faculties to search for an office or a place in an easy and simple way. Often, the information is placed in an unclear way for the student or needs more time to search for what he wants.

The importance of this site enables the provision of services to the student in an easy, accessible and more systematic and accurate.

1.5 Goals

the purpose of project implementation

- *Ease of access to the required information more accurately*
- *Provide a mechanism to search for any place in the college*
- *Organize the office hour for the professor, and benefit the professor and student*
- *Publishing and booking courses through the website is a more effective and flexible mechanism*

1.6 Objectives

This project aims to create a website through which you can book and inquire about the professor's office clock, as well as the possibility of booking the available training courses, searching for the information of the employees and searching for what the student and the professor want about the contents of the university The construction of this project must be based on the names of all university staff, teachers and students. This project will provide the ability to know what the user wants with less effort.

1.7 Critical success factors .

If it has always been used and relied upon before going to any professor for an academic hour or guidance or scientific research, and to know what courses the university set up and before going to any training course resident at the university, the student will benefit from the search for any place in the university that will provide the effort and time for all and be a regular environment and make it easier for the student to know everything he needs .

1.8 Organization chart and responsibilities

How will the student service facilitate the search for training courses?	Enables students to learn about the courses that will be held and booked	Provides a database containing all tables to include training courses at the university.	Make it easier for students to find training times _____
How will facilitate the student's service to search for an Office?	Make the search function in an easy and accessible for everyone.	The website provides us with the names of staff numbers for each Office is in college.	Reduces effort at research and facilitate the student's task
How will you benefit from setting Office hours for students and other professors?	Enable the recipient to know easy electronic watches	Provides a database that contains all the tables to include professors office hours for them.	Facilitates students to search for times office hours for teachers
How will facilitate searching for somewhere?	Make a quick and easy search function and more accurate	We provide structure to the University for everything that exists and be numbered to facilitate access to the desired place.	Facilitate and reduce the time and effort when searching for somewhere

Chapter Two:

Literature Review

2.1 Introduction

Is the second act of the theoretical framework of the project, they complement the theoretical framework without them and not be successful theoretical framework and not perfect.

Is a collection of studies that talked about the subject on which the search. The previous studies are many information about the subject of the study, it must be confirmed from sources of information by reference to primary sources and validating away from secondary sources. They are showing what proportion of previous studies with this project-based (5)

Previous studies also demonstrate the importance of the subject of the study means and advantages, and linked to the results of previous studies in the same field.

This is required to be a shortcut, it is not necessary to elaborate on previous studies, and you should not ignore the work of others, and the flag for follow up.

Previous studies aims is to be defined and displayed in a logical manner and then take the similarities and differences between results and try to explain the differences. (6)

2.2 Literature Review:

Here are some websites that have electronic services serve related services University similar to that here but you need to develop to be the best.

From within these regulations and that it was not sufficient to provide all services, for instance the service delivery system in King Abdul Aziz in Jeddah, the University has established a guide to electronic services "Easel", which serves the beneficiaries inside and outside the university, In a simplified way, which saves the users the effort of time and effort to identify them. The Easel system also contains explanatory information for each service with a brief description, the provider and the categories of beneficiaries, and provides an introduction video and how to use it.(7)

But there is no possibility for students to reserve an office hour through which the system does not contain a search for places in the university is not enough for all services

There is also a system in the Saudi Electronic University, where it is a university university institution that represents one of the types of higher education. The system is limited to several services, which makes it difficult to review the Deanship of Admissions and Student Affairs in person where the student can print his certificate of identification stamped with the stamp of the Deanship and its location on behalf of the Dean of Admissions and Student Affairs Anywhere and anytime. And other service faculty members and students to communicate directly with each other using the Blackboard IM service. All available services served the requirements of the study only, and there was nothing to serve them when they entered the campus.

There were several inquiries about how to provide services when entering the campus of the students of King Saud University in Riyadh, they replied that they did not have a special system to provide services, by asking for help from the security staff and there was also a problem in not knowing the security employee what the beneficiary wants The receptionist has limited capabilities that did not serve all the staff.

After learning about reception systems to serve students, professors and visitors with us at universities in Saudi Arabia, we note that they were not previously available in a way that we would like to do, what distinguishes the idea of the reception system we work on is to provide services directly when you enter the university whether student or professor or Visitor Services are inclusive and make it easier for the beneficiaries and helps to reach what you need in every easy way.

Chapter 3:

System Analysis and Specification

3.1 Introduction

The system transmits is a series of steps and procedures and functions to design and build an effective computerized system in any environment.

The term refers to the (analysis) full understanding and perception of system functionality required converted into computerized form, so that through analysis of its components and the components into small particles reach the end to put our concept and describes our vision for the new computerized system. Under the careful analysis we can build a new computerized system and differs in form and content and effectiveness of manual system altogether or take sides and other leaves from molecules and then works to develop and improve it to fit the needs, perceptions and ideas and new developments through computerization.(8)

3.2 Description of Data Flow Diagram(DFD)

A data flow diagram (DFD) is a graphical representation of the "flow" of data through an information system, modelling its process aspects. A DFD is often used as a preliminary step to create an overview of the system, which can later be elaborated. DFDs can also be used for the visualization of data processing (structured design).A DFD shows what kind of information will be input to and output from the system, where the data will come from and go to, and where the data will be stored. It does not show information about the timing of process or information about whether processes will operate in sequence or in parallel (which is shown on a flowchart).(9)

3.3 Context Diagram

Is a graph of the flow of data between different processes in the system, which is also a graphing technique that visualizes the flow of information applied in the transmission of data from input to output .(10)

the data flowchart can be described as a diagram that illustrates the movement of data between external entities, processes, and data stores within the system . (11)

The relationship between the receptionist and the beneficiary, and any processes that are burdensome to the system

Means that the receptionist can open the data of professors and staff

The beneficiary has a question about office hours, looking for a place and looking for offices of employees and visiting visitors

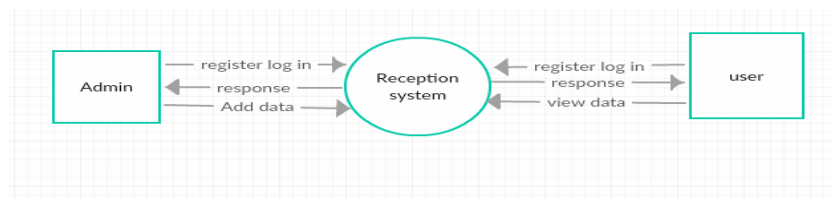


Figure (1) : Context Diagram

Figure (1) shows the relationship between the front system with System Manager and potential including register log in , Add data .

also illustrates the relationship between user and system capabilities that include a register log in and view data .

3.4 Overview diagram (level 0)

The data flow plan describes the context level (dfd) of the entire system. Describe dfd on the level (o) of all user units that are running the website.(12)

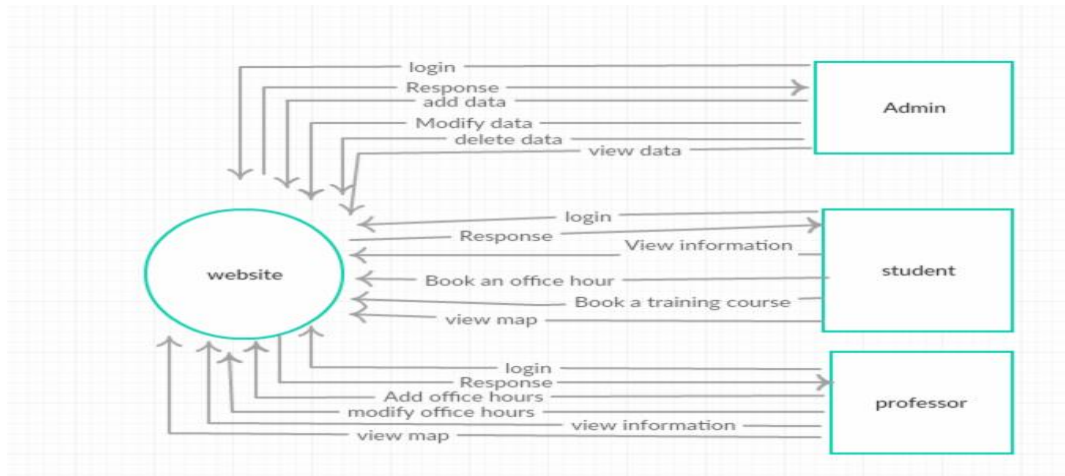


Figure (2) : Overview diagram (level 0)

Figure 2 shows the graph of data flow through that
The system administrator has the possibility to: add, delete, modify, display, print
And the professor: add, delete, modify, display, print
Student: booking, deleting, viewing, printing .

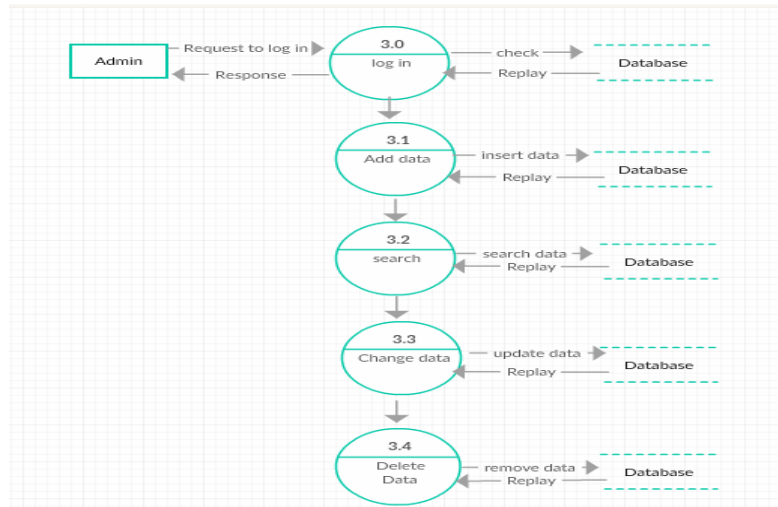


Figure (3) : (Level (1) The Admin)

Figure 3 shows the website admin tasks within the system through log in and can Add data , Search , Change data , Delete Data , through dealing with databases within the system.

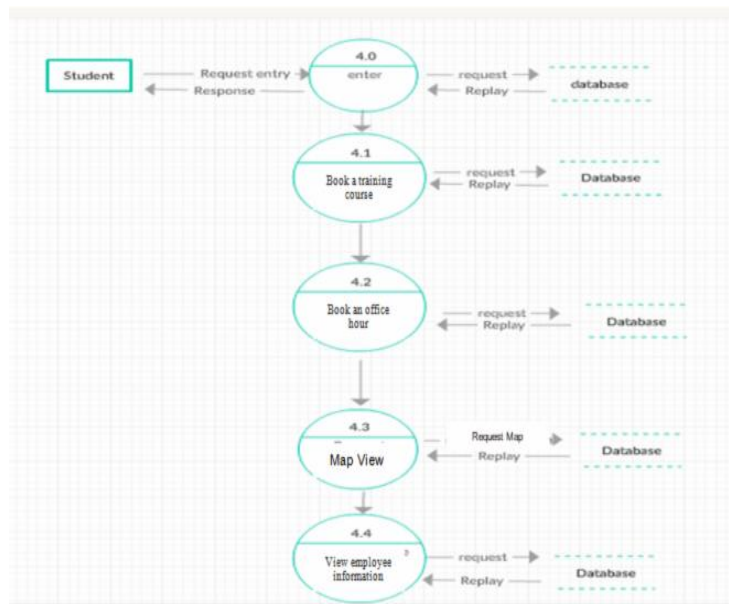


Figure (4) : (level (1) The Student)

Figure 4 shows the system of student assignments within the system with the pressure of the button displayed by the student on the buttons containing the services provided to the student in the booking of office hours, and the reservation of a training course, and the presentation of the information of the staff and maps of the University .

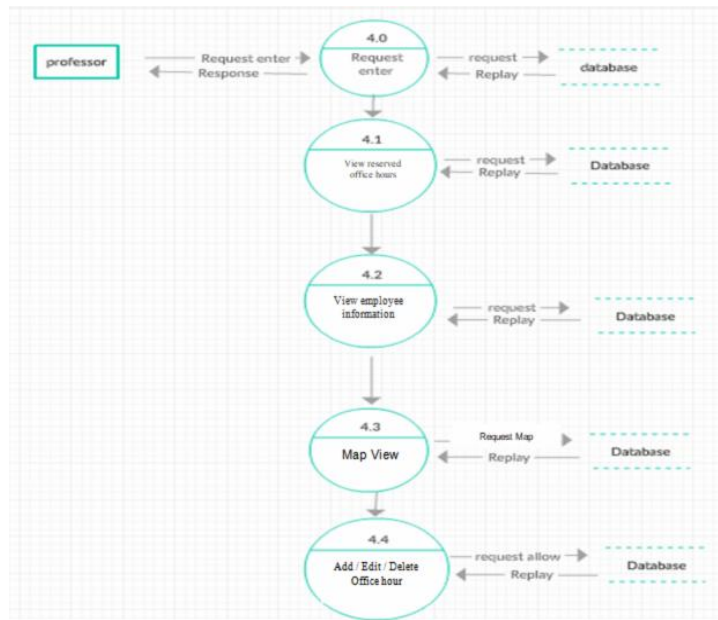


Figure (5) : (level (1) The Professor)

Figure 5 illustrates the functions of the professor at the site:

When entering the site in the name of a professor with the possibility of adding the office clock that appears to the student, the possibility of displaying the office clock that was booked by the student, and the possibility of modifying and delete the office clock, and the possibility of displaying training courses .

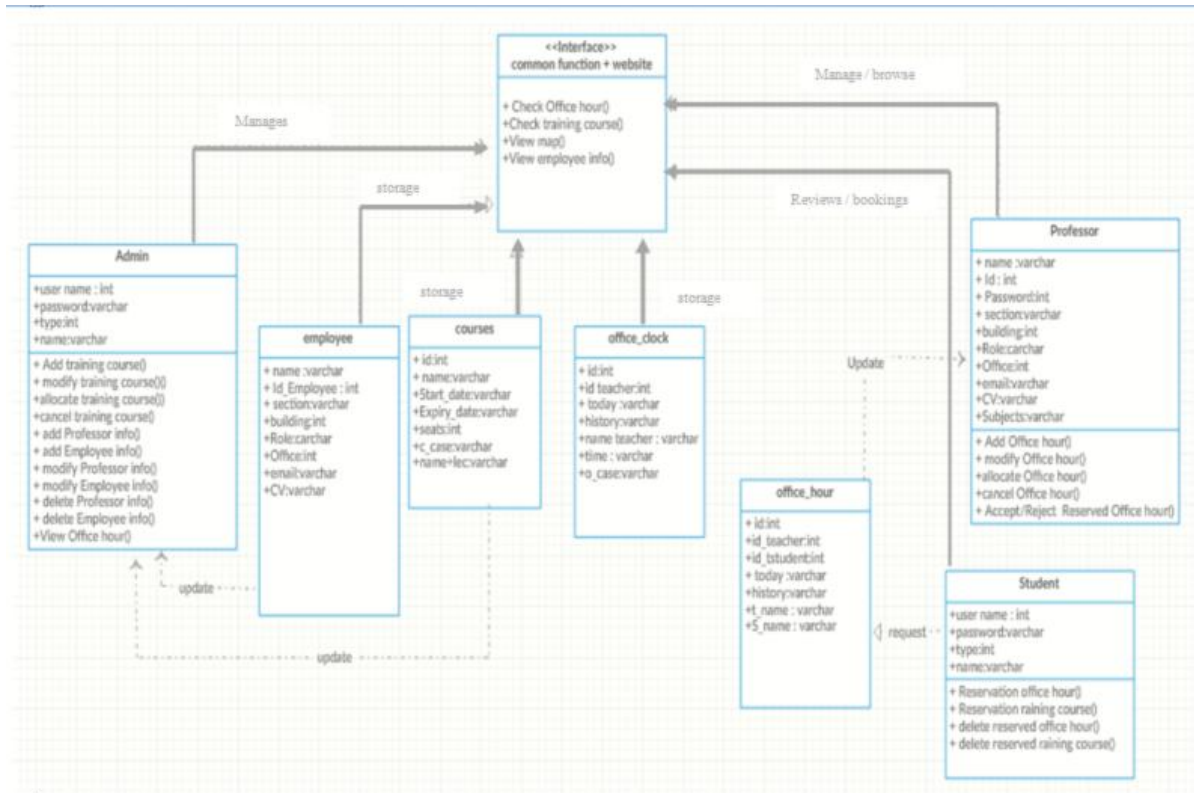


Figure (6) Class Diagram

- Add Office Hour ()
Add all available working hours for each professor
- Modify Office Hour ()
Modify the schedule of work hours or update the table
- Allocate Office Hour ()
Set a specific office clock for the student
- Add training course ()
Add available training courses
- Reservation of office hours ()
Book the hour from the professor
- Reservation Training Course ()
Course reservation available on site
- FillDetails ()
Fill out any required information

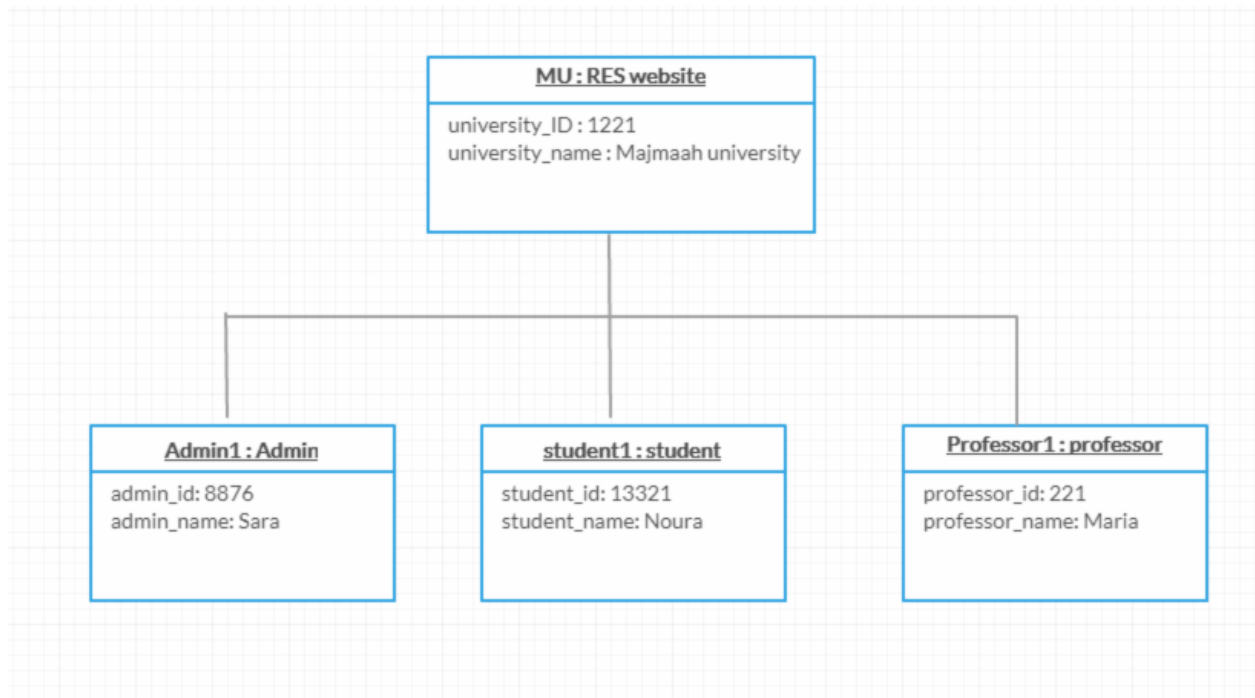


Figure (7) Object Diagram

Figure 7 shows the object diagram of the website that demonstrates the relation between the instantiated classes and the defined class, and the relation between these objects in the system. Objects (Student, Professor and Admin) are an instance of a moments in runtime, including objects and data values. It may be considered a special case of a class diagram or a communication diagram.

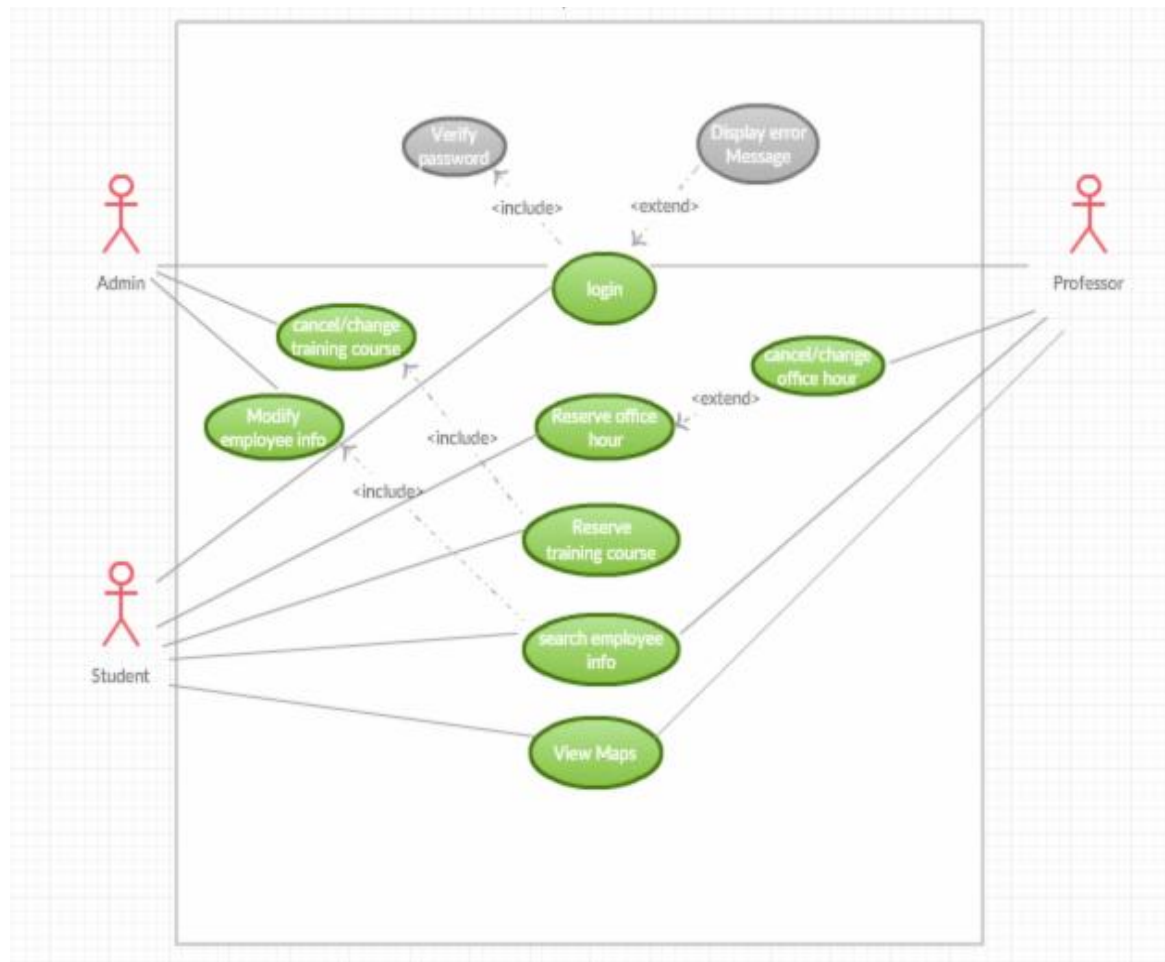


Figure (8) Use Case Diagram

Figure 8 is a diagram illustrating interactions between actors and the system. When the system administrator logs on the site, he / she can: add and modify the information for the training courses, and add and modify the data of the staff and professors.

When you log on as a student on the site, you can: Book an office hour, reserve a course, request a map of the colleges, request a presentation of the employee information.

Once logged in, the professor can add a desk clock and confirm the student's desk reservation, either accept or reject, view maps and view employee information.

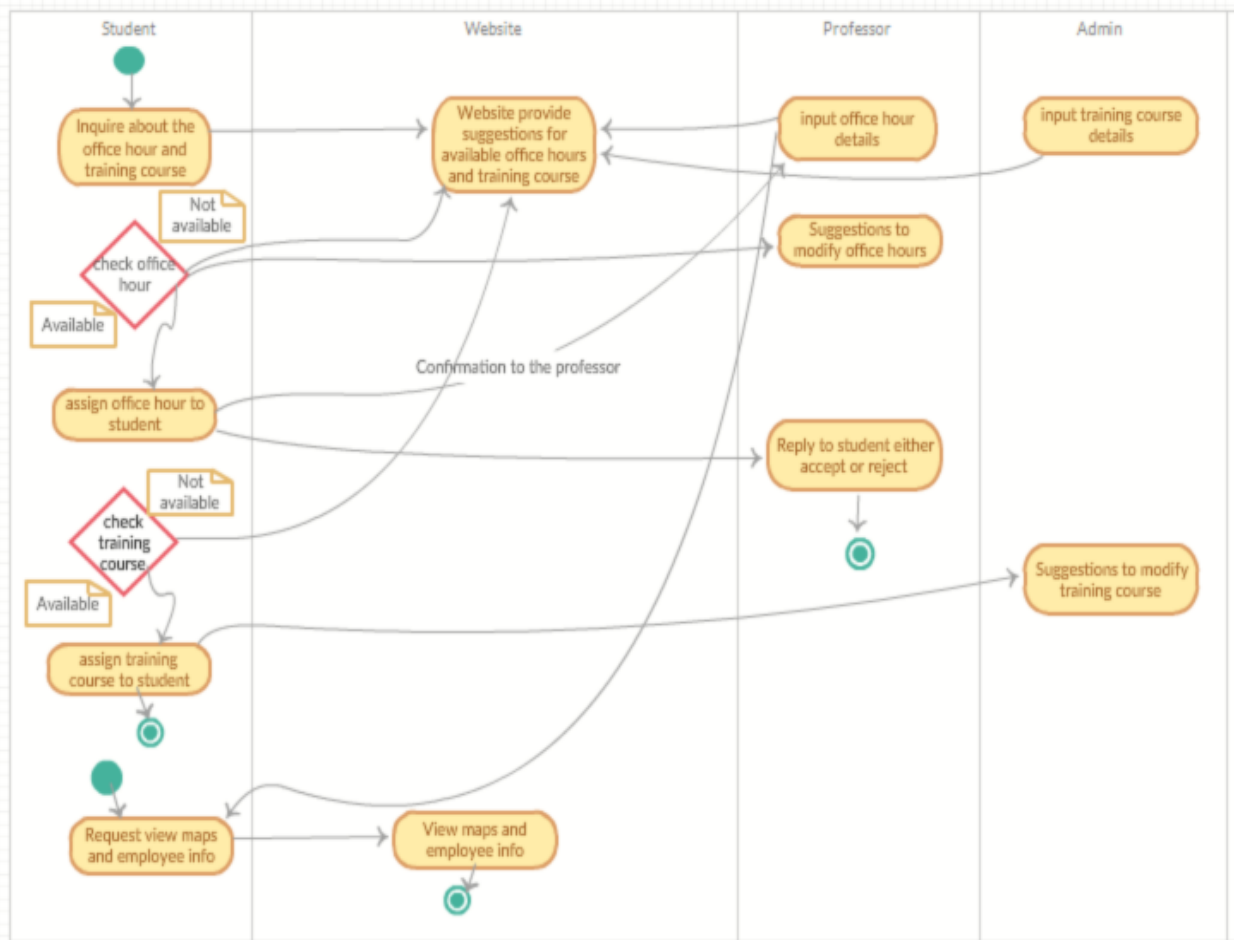


Figure (9) Activity Diagram

Figure 9 illustrates the activity diagram. Upon receipt of an application for the booking of an office hour from the student, then the site will book that time to the student and inform the professor of this reservation and has the possibility of acceptance or rejection, and upon receipt of the request for booking a training course of the student, then the site to book the course to the student, The professor asked the maps of the colleges follow the university and then the site shows maps, you can also request to show information to the staff and then the site shows us that.

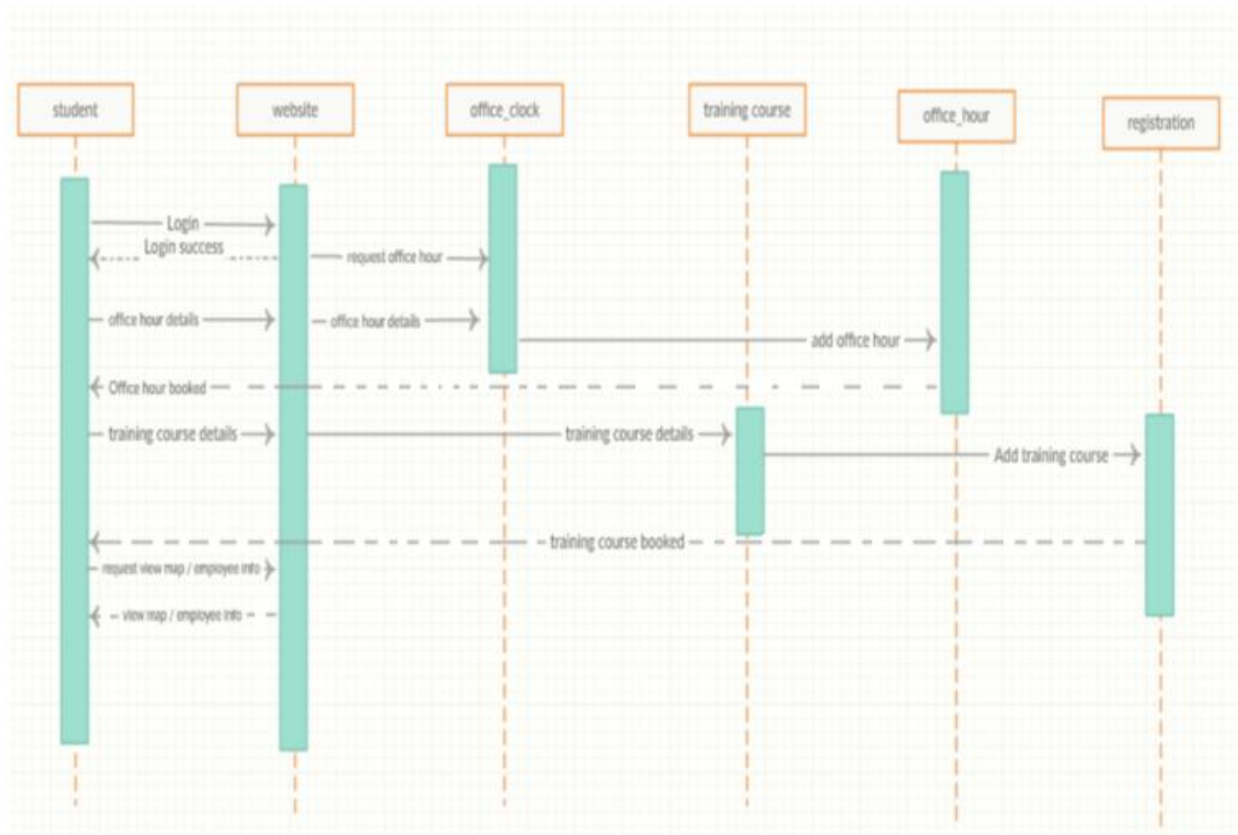


Figure (10) : Sequence

Figure 10 illustrates the Sequence diagram the student will interact with the student by showing the hours available to the professor. Once the student has booked an office hour, the website will immediately send the professor the possibility of accepting or rejecting the office hours that have been booked. Of the teacher will tell the student whether acceptance or rejection, and also to search for the available courses, the website interacts with the student through the show, and just that the student reserves the course will be added to him and can delete. As well as the request to display maps and personnel information through the website

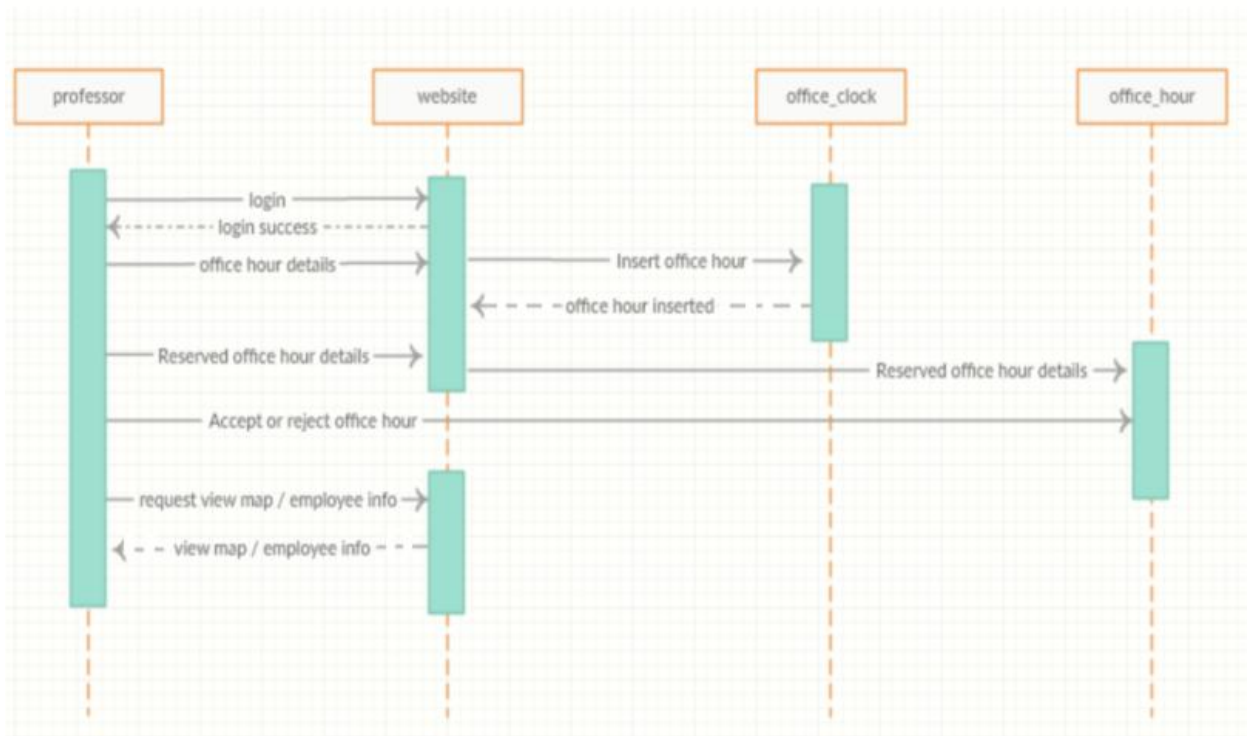


Figure (11) : Sequence

Figure 11 illustrates the Sequence diagram, the professor begins by entering the website by inserting his office hours and can modify or delete the office hours. He can display the hours that have been booked from the student and he can accept or reject them. As well as the request to display maps and personnel information through the website

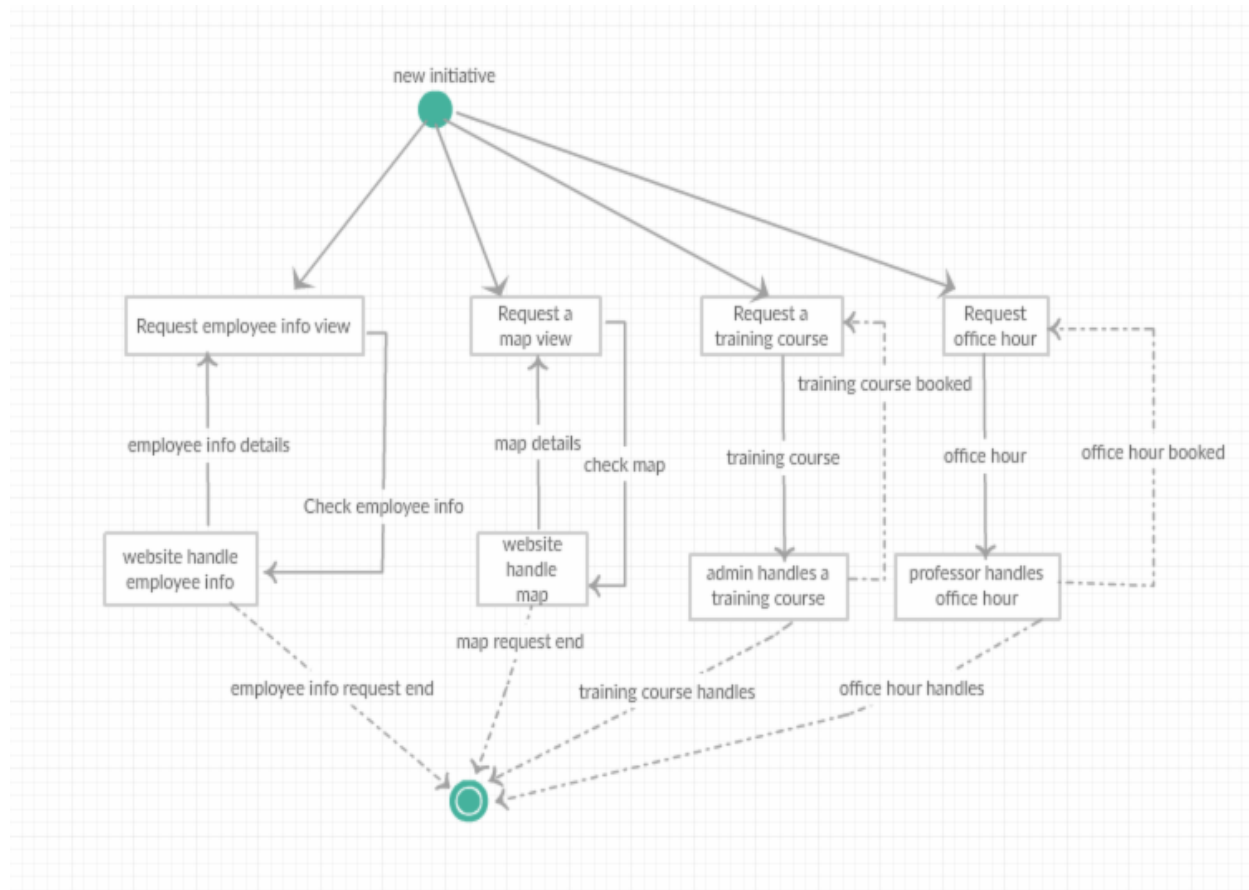


Figure (12) State Diagram

Figure 12 illustrates the state diagram that contains the following components:

- Initial state: it shows the starting point or first activity of the flow.
- Final state: it represents the end of state diagram where no action is to be taken.
- Status: Representing cases on site (request of office hours, request for training course, request map, request for employee information)
- Transition: an arrow indicating the object to transition from one state to the other.

3.5 Entity Relationship Diagram (ERD)

1. Description of Entities

Admin have attribute (Id, User_name).

Student have attribute (Id, Name).

Professor have attribute (Id, Name, Section, Email,, rule, Building, Office, CV, Subjects).

Employee have attribute (Id, Name, Section, Email, Building, Office, CV).

Training course have attribute (Id, Name , name_lec , start_date , Expiry_date , seats , C_case).

Office_clock have attribute (Id, Name, time , O_case , Name_teacher , History , Today , ID_teacher)

2. Description of relations

The website provides an electronic services package for the student through the information that the system administrator and the professor enter on the website

3. Drawing ERD

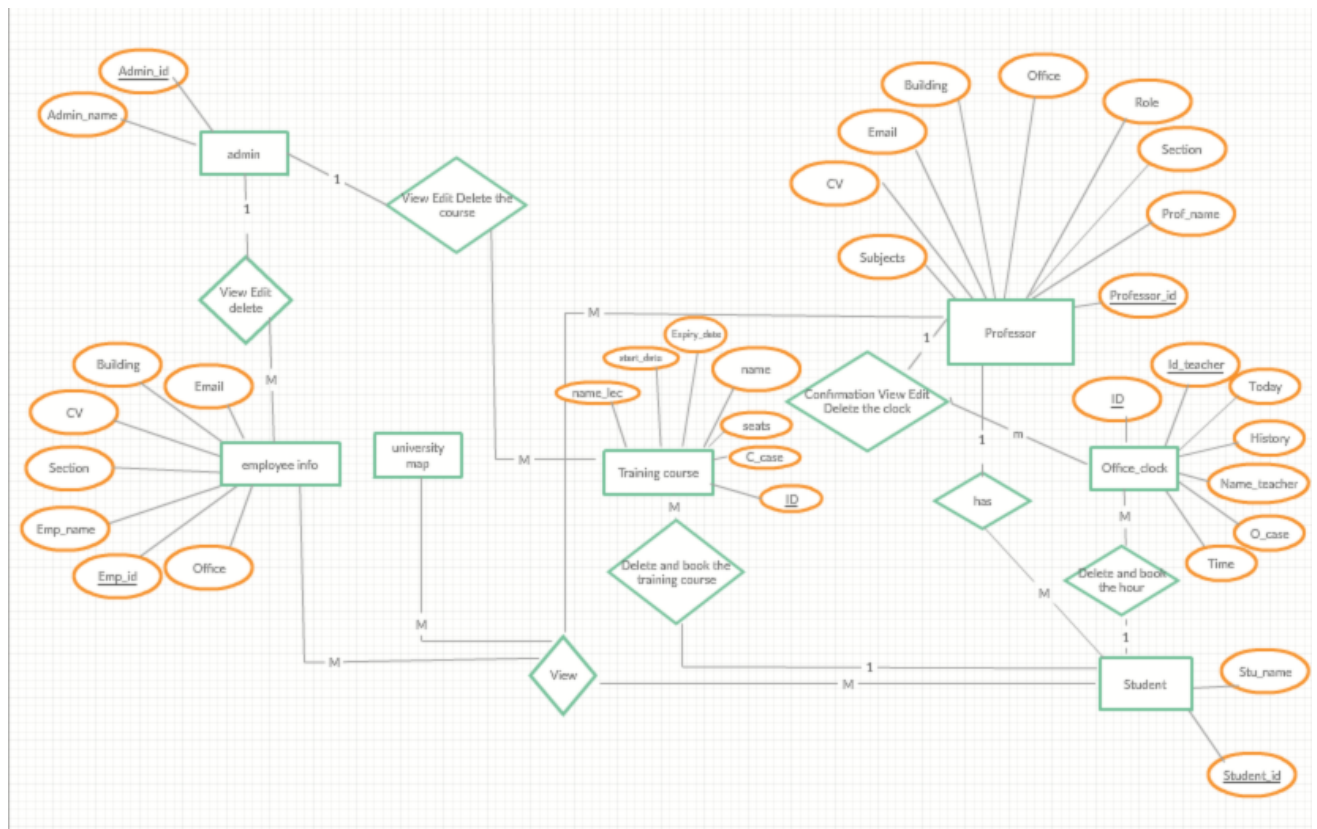


Figure (13) Entity Relationship Diagram (ERD)

Figure 13 shows the relationship between different entities. A teacher has many hours of work, so the relationship is one for many. Each student can book more than one hour, so the relationship between student and working hours is one for many. The student can also request a course and can book more than one course. The relationship between the student and the training course is one for many.

Chapter 4:

Implementation and Testing

4.1 Introduction:

In the design of the website used program (xampp) contains the PHP language design for the interfaces of the website , and also contains the MySQL to write the database.

4.2 Procedures:

There are several functions in the website .

1- Add Function

First, the add function is added through the system administrator by adding the data of faculty members, staff data and training courses.

The professor adds the office clock,

The student requests to add an office hour and add a training course.

Admin : add data of faculty members

```
<html>
<head>
  <link rel="stylesheet" href="main.css">
  <link rel="stylesheet" type="text/css" href="css2.css">
  <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
  <meta name="viewport" content="width=device-width, initial-scale=1">
</style>
.w3-btn { width:200px;}
</style>
</head>
<body>
  <div class="header">
    <div class="containt">
      <div class="logo">
        <table width="100%"> <tr>
          <td ><?php
            session_start() ;
            $name = $_SESSION['n'] ;

?></td>
            <td style="text-align:right;">
          </td>
        </tr></table>
      </div>
    </div>
  </div>
  <br><br>

  <div class="admin">
```

```

<div class="admin-panel">

    <div class="sidebar">
        <ul>
            <li><a href="Add_Teacher_Manager.php" ><i class=""></i>ادارة الاساتذة</a></li>
            <li><a href="Add_Employee_Manager.php" ><i class=""></i>ادارة الموظفين</a></li>
            <li><a href="Add_course_Manager.php" ><i class=""></i>ادارة الدورات التدريبية</a></li>

            <li><a href="home2.php" ><i class=""></i>الرئيسية</a></li>
        </ul>
    </div>

    <div class="main">
        <right>
            <a href="Add_Teacher_Manager.php" class="tm">إضافة عضو تدريس جديد</a>
            <a href="Management_Teacher_Manager.PHP" class="tm">عرض | تعديل | حذف أعضاء
التدريس</a>

        </right></div>

        <br>

        <form action="Add_Teacher_Manager.php" method="POST" enctype="multipart/form-
data">
            <div class="add">
                <center>

                    <h1 class="linn">اضافة بيانات عضو التدريس</h1>
                    <table>
                        <tr> <td>رقم عضو التدريس</td><td><input type="number" name="A"></td>
                        <tr> <td>الاسم</td><td><input type="text" name="B"></td> </tr>
                        <tr> <td>القسم</td><td><input type="text" name="C"></td> </tr>
                        <tr> <td>قم المبنى</td><td><input type="number" name="D"></td> </tr>
                        <tr> <td>الدور</td><td><input type="text" name="E"></td></tr>
                        <tr> <td>رقم المكتب</td><td><input type="text" name="F"></td></tr>
                        <tr> <td>لبريد الالكتروني</td><td><input type="email" name="G"></td></tr>
                        <tr> <td>السيرة الذاتية</td><td><input type="file" name="imagee"></td> </tr>
                        <tr> <td>المواد الدراسية</td><td><input type="text" name="H"></td></tr>

                    </table>
                    <div><p><input class="w3-btn w3-light-blue w3-round-xlarge" type="submit" name="cca"

```

```
value="إضافة" class="submit"></td> </div>
</center></div></form>
```

```
<?php
if (isset($_POST['cca']))
{
    $ID_Teachers = $_POST['A'];
    $name = $_POST['B'];
    $Section = $_POST['C'];
    $building = $_POST['D'];
    $Role = $_POST['E'];
    $Office = $_POST['F'];
    $email = $_POST['G'];
    $Subjects = $_POST['H'];
    $errors = array();
    $file_name = $_FILES['image']['name'];
    $file_size = $_FILES['image']['size'];
    $file_tmp = $_FILES['image']['tmp_name'];
    $file_type = $_FILES['image']['type'];
    $extension = explode('.', $file_name);
    $file_ext = strtolower(end($extension));

    $expensions = array("jpeg", "jpg", "png", "gif", "pdf", "docx");
    if (in_array($file_ext, $expensions) === false)
    {
        $errors[] = '<p>لا يمكن رفع هذا الملف</p>';
    }
    if ($file_size > 2097152)
    {
        $errors[] = '<p>MB يرجى ان يكون حجم الفايل لا يزيد عن 2</p>';
    }
    if (empty($errors)) {
        if (move_uploaded_file($file_tmp, "pdf/" . $file_name))

        $con = mysqli_connect("localhost", "root", "", "tyser");
        mysqli_query($con, "insert into
`teachers` (ID_Teachers, name, Section, building, Role, Office, email, CV, Subjects)
VALUES ('$ID_Teachers', '$name', '$Section', '$building', '$Role', '$Office', '$email', '$file_name', '$
Subjects')");
        {
            echo '<script language="javascript">';
            echo 'alert("تم اضافة عضو تدريس جديد");';
            echo '</script>';
        }
    }
    else {
```

```

        foreach ($errors as $error) {
            echo $error;
        }
    }
}
?>

```

```

</body>
</html>

```

Admin : add data of employee

```

<html>
<head>
    <link rel="stylesheet" href="main.css">
    <link rel="stylesheet" type="text/css" href="css2.css">
    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <style>
        .w3-btn { width:200px;}
    </style>
</head>
<body>
    <div class="header">
        <div class="containt">
            <div class="logo">
                <table width="100%"> <tr>
                    <td ><?php
                        session_start() ;
                        $name = $_SESSION['n'] ;

                    ?></td>
                    <td style="text-align:right;"></td>
                </tr></table>
            </div>

            </div>
        </div>

        <br><br>

        <div class="admin">

            <div class="admin-panel">

```

```

<div class="sidebar">
  <ul>
    <li><a href="Add_Teacher_Manager.php" ><i class=""></i>ادارة الاساتذة</a></li>
    <li><a href="Add_Employee_Manager.php" ><i class=""></i>ادارة الموظفين</a></li>
    <li><a href="Add_course_Manager.php" ><i class=""></i>ادارة الدورات التدريبية</a></li>

    <li><a href="home2.php" ><i
class=""></i>الرئيسية</a></li>
  </ul>
</div>

<div class="main">
  <right>
    <a href="Add_Employee_Manager.php" class="tm"> إضافة موظف
</a>
    <a href="Employee_Management_Manager.PHP" class="tm"> عرض | تعديل | حذف بيانات الموظف
</a>

  </right></div>

  <br>

  <form action="Add_Employee_Manager.php" method="POST"
enctype="multipart/form-data">
    <div class="add">
      <center>

        <h1 class="linn">اضافة بيانات موظف</h1>
        <table>
          <tr> <td>رقم الموظف</td><td><input type="number" name="A"></td>
          <tr> <td>الاسم</td><td><input type="text" name="B"></td> </tr>
          <tr> <td>القسم</td><td><input type="text" name="C"></td> </tr>
          <tr> <td>قم المبني</td><td><input type="number" name="D"></td> </tr>
          <tr> <td>الدور</td><td><input type="text" name="E"></td></tr>
          <tr> <td>رقم المكتب</td><td><input type="text" name="F"></td></tr>
          <tr> <td>لبريد الالكتروني</td><td><input type="email" name="G"></td></tr>
          <tr> <td>السيرة الذاتية</td><td><input type="file" name="imagee"></td> </tr>
        </table>
        <div><p><input class="w3-btn w3-light-blue w3-round-xlarge" type="submit" name="cca"
value="اضافة" class="submit"></td> </div>
      </center></div></form>

```



```

<?php
if (isset($_POST['cca']))
{
    $ID_Employee = $_POST['A'];
    $name = $_POST['B'];
    $Section = $_POST['C'];
    $building = $_POST['D'];
    $Role = $_POST['E'];
    $Office = $_POST['F'];
    $email = $_POST['G'];
    $errors = array();
    $file_name = $_FILES['imagee']['name'];
    $file_size = $_FILES['imagee']['size'];
    $file_tmp = $_FILES['imagee']['tmp_name'];
    $file_type = $_FILES['imagee']['type'];
    $extension = explode('.', $file_name);
    $file_ext = strtolower(end($extension));

    $expensions = array("jpeg", "jpg", "png", "gif", "pdf", "docx");
    if (in_array($file_ext, $expensions) === false)
    {
        $errors[] = '<p>لا يمكن رفع هذا الملف</p>';
    }
    if ($file_size > 2097152)
    {
        $errors[] = '<p>MB يرجى ان يكون حجم الفايل لا يزيد عن 2</p>';
    }
    if (empty($errors)) {
        if (move_uploaded_file($file_tmp, "pdf/" . $file_name))

        $con = mysqli_connect("localhost", "root", "", "tyser");
        mysqli_query($con, "insert into
`employees` (ID_Employee, name, Section, building, Role, Office, email, CV)
VALUES ('$ID_Employee', '$name', '$Section', '$building', '$Role', '$Office', '$email', '$file_name')");
    }
    {
        echo '<script language="javascript">';
        echo 'alert("تم اضافة موظف بنجاح")';
        echo '</script>';
    }
    }
    else {
        foreach ($errors as $error) {
            echo $error;
        }
    }
}

```

```

    }
?>
</body>
</html>

```

Admin : add data of training courses

```

<html>
<head>
  <link rel="stylesheet" href="main.css">
  <link rel="stylesheet" type="text/css" href="css2.css">
  <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <style>
.w3-btn { width:200px;}
  </style>
</head>
<body>
  <div class="header">
    <div class="containt">
      <div class="logo">
        <table width="100%"> <tr>
          <td ></td>
          <td style="text-align:right;"></td>
        </tr></table>
      </div>

      </div>
    </div>

    <br><br>

    <div class="admin">

      <div class="admin-panel">

        <div class="sidebar">
          <ul>
            <li><a href="Add_Teacher_Manager.php" ><i class=""></i>ادارة الاساتذة</a></li>
            <li><a href="Add_Employee_Manager.php" ><i class=""></i>ادارة الموظفين</a></li>
            <li><a href="Add_course_Manager.php" ><i class=""></i>ادارة الدورات التدريبية</a></li>
            <li><a href="home2.php" ><i class=""></i>الرئيسية</a></li>

```

```

</ul>
</div>

<div class="main">
<right>

    <a href="Add_course_Manager.php" class="tm">اضافة دورة تدريبية جديدة</a>
    <a href="Management_Course_Manager.PHP" class="tm">عرض | تعديل | حذف</a>

</right></div>

<form action="Add_course_Manager.php" method="GET">
    <div class="add">
        <center>

            <h1 class="linn">اضافة بيانات دورة</h1>
            <table>
                <tr> <td>العنوان</td><td><input type="text" name="A"></td>
                <tr> <td>تاريخ البداية</td><td><input type="date" name="B"></td> </tr>
                <tr> <td>تاريخ النهاية</td><td><input type="date" name="C"></td> </tr>
                <tr> <td>المقاعد المتوفرة</td> <td><input type="number" name="D"></td> </tr>
                <tr> <td>حالة الدورة</td> <td><input type="text" name="E"></td></tr>
                <tr> <td>مقدم الدورة</td><td><input type="text" name="F"></td></tr>
            </table>
            <div><p><input class="w3-btn w3-light-blue w3-round-xlarge" type="submit" name="cca"
            value="اضافة" class="submit"></td> </div>
        </center></div></form>

<?php
// هذا رابط الادخال عشان لو تبني تتسخ وتلصق
// http://localhost:82/222/Add_course_Manager.php?A=ccc&B=2018-10-14&C=2018-10-
07&D=7777&E=444b4444&F=4c&cca=%D8%A7%D8%B6%D8%A7%D9%81%D8%A9
if (isset($_GET['cca']))
{
    $name=$_GET['A'];
    $Start_Date=$_GET['B'];
    $Expiry_date=$_GET['C'];
    $seats=$_GET['D'];
    $c_case=$_GET['E'];
    $name_lec=$_GET['F'];

    $con=mysqli_connect("localhost","root","","tyser");
    $q = "INSERT INTO `courses` (`name`,`Start_Date`,`Expiry_date`,`seats`,`c_case`,`
    `name_lec`) VALUES('$name','$Start_Date','$Expiry_date','$seats','$c_case','$name_lec')";
    $v = mysqli_query($con,$q);
    // echo $query;

```

```
// echo "<br/>----<br/>";
if(!$v){
echo mysqli_error($con);
}
else {
echo '<script language="javascript">';
echo 'alert("تم اضافة دورة بنجاح");';
echo '</script>';

}}
?>
```


</body>
</html>

Professor : add clock hour

```
<!doctype html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<meta name="description" content="">
<meta name="author" content="">
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
integrity="sha384-
MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"
crossorigin="anonymous">
```

<title>تيسير</title>

```
<!-- Bootstrap core CSS -->
<link href="bootstrap.min.css" rel="stylesheet">
<link href="css2.css" rel="stylesheet">
<!-- Custom styles for this template -->
<link href="carousel.css" rel="stylesheet">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
.w3-btn { width:200px;}
</style>
</head>
```

```

<body>
<div class="header">
  <div class="containt">
    <div class="logo">
      <center>
        <div class="logo">
          
        <div ><p>

<?php
session_start() ;
$name = $_SESSION['n'] ;

?>
</p>
</center> </div>
  <nav>
    <ul>
      <li><button class="w3-btn w3-lime w3-round-xlarge"> <a href="home.php">الرئيسية</a></li>
      <li><button class="w3-btn w3-lime w3-round-xlarge"> <a href="Teachers.php">حجز ساعة</a></li>
      <li><button class="w3-btn w3-lime w3-round-xlarge"><a href="Employees.php">معلومات الموظفين</a></li>
      <li><button class="w3-btn w3-lime w3-round-xlarge"><a href="courses.php">الدورات</a></li>
      <li><button class="w3-btn w3-lime w3-round-xlarge"><a href="db.php">صفحتي</a></li>
      <li><button class="w3-btn w3-lime w3-round-xlarge"><a href="login.php">تسجيل خروج</a></li>
    </ul>
  </nav>
</div>
</div>
  <br><br>
<hr>

<div>
<center>

<form action="Add_student_booking.php" method="GET" >
<?php
$X=$_GET['x'];
$con=mysqli_connect("localhost","root","","tyser");
$res=mysqli_query($con,"select * from `office_clock` Where id_teacher = $X ");

```

```

while($row=mysqli_fetch_object($res))
{
    echo "

    <table class='table'>
    <tr>
    <td><h5 class=hidd>الاسم</h5></td><td class=hidd><input type=text name=A value=$row-
>name_teacher ></td>
    <td><h5>اليوم</h5></td><td ><input type=text name=B value= $row->today readonly
class=op></td>
    <td><h5>التاريخ</h5></td> <td><input type=text name=C value=$row->history readonly
class=op></td>
    <td><h5>الوقت</h5></td> <td><input type=text value=$row->Time readonly class=op></td>
    <td><h5>نوع</h5> </td> <td>$row->o_case</td>
    <td rowspan=1><input class='w3-btn w3-light-blue w3-round-xlarge' type=submit name=cca
value=' حجز ' class='submit'></td>
    <td class=hidd><h3>الرقم الوظيفي</h3></td><td class=hidd><input type=text name=X
value=$row->id_teacher></td>
    </tr>";
}

?>
</table></form></center></div>

<br>
<input class="w3-btn w3-lime w3-round-xlarge" onclick=javascript:window.print()
type=button value="طباعة الصفحة" name=B3 >
<br>
<hr>
<!-- FOOTER -->
<footer class="container">
    <p class="float-right"><a href="#">الذهاب الى اعلى</a></p>
    <p>جميع الحقوق محفوظة 2018 </p>
</footer>
</main>

<!-- Bootstrap core JavaScript
===== -->
<!-- Placed at the end of the document so the pages load faster -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+96DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script>window.jQuery || document.write('<script src="../../assets/js/vendor/jquery-
slim.min.js"></script>')</script>
<script src="../../assets/js/vendor/popper.min.js"></script>
<script src="../../dist/js/bootstrap.min.js"></script>

```

```

<!-- Just to make our placeholder images work. Don't actually copy the next line! -->

<script src="../../assets/js/vendor/holder.min.js"></script>
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js"
integrity="sha384-
ZMP7rVo3mIykV+2+9J3UJ46jBk0WLaUAdn689aCwoqbBJiSnjAK/18WvCWPIpM49"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"
integrity="sha384-
ChfqqxuZUCnJSK3+MXmPNIyE6ZbWh2IMqE241rYiqJxyMiZ6OW/JmZQ5stwEULTy"
crossorigin="anonymous"></script>
</body>
</html>

```

Student : add clock hour

```

        <?php
        session_start() ;
        $name = $_SESSION['n'] ;
        $user = $_SESSION['u'] ;
        ?>
    </td>
        <td style="text-align:right;">
    </td>
    </tr></table>
</div>

</div>
</div>
<hr>

<div class="admin">

<div class="admin-panel">

<div class="slidebar">
    <ul>
        <li><a href="Reservation_Management.php">حجوزات الساعات</a></li>
        <li><a href="home2.php">الرئيسية</a></li>
    </ul>
</div>

```

```

<div class="main">
  <right>
    <a href="Add_hour_teacher.PHP" class="tm"> اضافة ساعة </a>
    <a href="Time_management_teacher.PHP" class="tm"> حذف | تعديل | عرض </a>

  </right>
</div>

<br>

<form action="Add_hour_teacher.PHP" method="GET">
  <div class="add">
    <center>
      <h1 class="linn"> اضافة ساعة </h1>
      <div ><p class="linn"> اليوم <input type="text" name="A"></p></div>
      <div ><p class="linn"> التاريخ <input type="date" name="B"></p></div>
      <div ><p class="linn"> الساعة <input type="text" name="C"></p></div>
      <div ><p class="linn"> النوع <input type="text" name="D"></p></div>

      <div ><p><input class="w3-btn w3-light-blue w3-round-xlarge" type="submit" name="cca"
value="اضافة" class="submit"></p></div>
    </center></div></form>

<?php
if (isset($_GET['cca']))
{
    $today= $_GET['A'];
    $history = $_GET['B'];
    $Time = $_GET['C'];
    $o_case = $_GET['D'];

    $con=mysqli_connect("localhost","root","","tyser");
    mysqli_query($con,"INSERT INTO office_clock(id_teacher,today,history,name_teacher,Time,o_case)VALUES ('$user','$today','$history','$name','$Time', '$o_case')");

    echo '<script language="javascript">';
    echo 'alert("تم اضافة ساعة مكتبية بنجاح");';
    echo '</script>';

    }
?>

```



```
</body>
</html>
```

Add training course through admin :

```
<html>
<head>
<link rel="stylesheet" href="main.css">
<link rel="stylesheet" type="text/css" href="css2.css">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
.w3-btn { width:200px;}
</style>
</head>
<body>
<div class="header">
<div class="containt">
<div class="logo">
<table width="100%"> <tr>
<td ></td>
<td style="text-align:right;"></td>
</tr></table>
</div>

</div>
</div>

<br><br>

<div class="admin">

<div class="admin-panel">

<div class="slidebar">
<ul>
<li><a href="Add_Teacher_Manager.php" ><i class=""></i>ادارة الاساتذة</a></li>
<li><a href="Add_Employee_Manager.php" ><i class=""></i>ادارة الموظفين</a></li>
<li><a href="Add_course_Manager.php" ><i class=""></i>ادارة الدورات التدريبية</a></li>
```

```

        <li><a href="home2.php" ><i class=""></i>الرئيسية</a></li>
    </ul>
</div>

<div class="main">
    <right>

        <a href="Add_course_Manager.php" class="tm">اضافة دورة تدريبية جديدة</a>
        <a href="Management_Course_Manager.PHP" class="tm">عرض | تعديل | حذف</a>

    </right></div>

<form action="Add_course_Manager.php" method="GET">
    <div class="add">
        <center>

            <h1 class="linn">اضافة بيانات دورة</h1>
            <table>
                <tr> <td>العنوان</td><td><input type="text" name="A"></td>
                <tr> <td>تاريخ البداية</td><td><input type="date" name="B"></td> </tr>
                <tr> <td>تاريخ النهاية</td><td><input type="date" name="C"></td> </tr>
                <tr> <td>المقاعد المتوفرة</td><td><input type="number" name="D"></td> </tr>
                <tr> <td>حالة الدورة</td><td><input type="text" name="E"></td></tr>
                <tr> <td>مقدم الدورة</td><td><input type="text" name="F"></td></tr>
            </table>
            <div ><p><input class="w3-btn w3-light-blue w3-round-xlarge" type="submit" name="cca"
value="اضافة" class="submit"></td> </div>
        </center></div></form>

<?php
// هذا رابط الادخال عشان لو تبني تنسخ وتلصق
// http://localhost:82/222/Add_course_Manager.php?A=ccc&B=2018-10-14&C=2018-10-
07&D=7777&E=444b4444&F=4c&cca=%D8%A7%D8%B6%D8%A7%D9%81%D8%A9
if (isset($_GET['cca']))
{
    $name=$_GET['A'];
    $Start_Date=$_GET['B'];
    $Expiry_date=$_GET['C'];
    $seats=$_GET['D'];
    $c_case=$_GET['E'];
    $name_lec=$_GET['F'];

    $con=mysqli_connect("localhost","root","","tyser");
    $q = "INSERT INTO `courses` (`name`,`Start_Date`,`Expiry_date`,`seats`,`c_case`,`
name_lec`) VALUES('$name','$Start_Date','$Expiry_date','$seats','$c_case','$name_lec')";

```

```

$v = mysqli_query($con,$q);
// echo $query;
// echo "<br/>----<br/>";
if(!$v){
echo mysqli_error($con);
}
else {
echo '<script language="javascript">';
echo 'alert("تم اضافة دورة بنجاح");';
echo '</script>';

}}
?>

```

```

<br>
</body>
</html>

```

Student : add training course

```

<html>
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
<meta name="description" content="">
<meta name="author" content="">
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css"
integrity="sha384-
MCw98/SFnGE8fJT3GXwEOngsV7Zt27NXFoaoApmYm81iuXoPkFOJwJ8ERdknLPMO"
crossorigin="anonymous">

<title>تيسير</title>

<!-- Bootstrap core CSS -->
<link href="bootstrap.min.css" rel="stylesheet">
<link href="css2.css" rel="stylesheet">
<!-- Custom styles for this template -->
<link href="carousel.css" rel="stylesheet">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<meta name="viewport" content="width=device-width, initial-scale=1">
<style>
.w3-btn { width:200px;}
</style>
</head>

```

```

<body>
<div class="header">
  <div class="containt">
    <div class="logo">
      <center>
        <div class="logo">
          
        <div ><?php
session_start() ;
$name = $_SESSION['n'] ;

?>
</center> </div>
      <nav>
        <ul>
          <li><button class="w3-btn w3-lime w3-round-xlarge"> <a href="home.php">الرئيسية</a></li>
          <li><button class="w3-btn w3-lime w3-round-xlarge"> <a href="Teachers.php">حجز ساعة</a></li>
          <li><button class="w3-btn w3-lime w3-round-xlarge"><a href="Employees.php">معلومات الموظفين</a></li>
          <li><button class="w3-btn w3-lime w3-round-xlarge"><a href="courses.php">الدورات</a></li>
          <li><button class="w3-btn w3-lime w3-round-xlarge"><a href="db.php">صفحتي</a></li>
          <li><button class="w3-btn w3-lime w3-round-xlarge"><a href="login.php">تسجيل خروج</a></li>
        </ul>
      </nav>
    </div>
  </div>
  <br>
  <hr>

<div>
<center>

<form action="Joining_course.php" method="GET" >
<?php
$con=mysqli_connect("localhost","root","","tyser");
$res=mysqli_query($con,"select * from `courses` ");
while($row=mysqli_fetch_object($res))
{
  echo "

```

```

<table border=1 class='bb' 'tabel '>
<tr><td class=hidd><input type=text name=id value=$row->id ></td></tr>
<tr><td class=hidd><input type=text name=A value='$row->name' ></td></tr>
<tr><td>اسم الدورة</td><td >$row->name</td> </tr>
<tr><td>مقدم الدورة</td><td>$row->name_lec</td></tr>
<tr><td>تاريخ بدء الدورة</td><td >$row->Start_Date</td></tr>
<tr><td>تاريخ انتهاء الدورة</td><td>$row->Expiry_date</td></tr>
<tr><td>عدد المقاعد</td><td>$row->seats </td></tr>
<tr><td>حالة الدورة</td><td>$row->c_case</td></tr>
<td rowspan=1><input type=submit name=cca class='w3-btn w3-light-blue w3-round-xlarge'
value='التحاق بدورة' class='submit'></td></tr>
<td class=hidd><input type=text name=B value=$row->Start_Date ></td></tr>
<td class=hidd><input type=text name=y value=$row->seats ></td>
</tr>";
}

?>
</table></form></center></div>

<br>

<br>

<input class="w3-btn w3-lime w3-round-xlarge" onclick=javascript:window.print()
type=button value="طباعة الصفحة" name=B3 >
<br>
<hr>

<!-- FOOTER -->
<footer class="container">
<p class="float-right"><a href="#">الذهاب الى اعلى</a></p>
<p>جميع الحقوق محفوظة 2018 </p>
</footer>
</main>

<!-- Bootstrap core JavaScript
===== -->
<!-- Placed at the end of the document so the pages load faster -->
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-
q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script>window.jQuery || document.write('<script src=" ../assets/js/vendor/jquery-
slim.min.js"></script>')</script>
<script src=" ../assets/js/vendor/popper.min.js"></script>
<script src=" ../dist/js/bootstrap.min.js"></script>

```

```

<!-- Just to make our placeholder images work. Don't actually copy the next line! -->

<script src="../../assets/js/vendor/holder.min.js"></script>
<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js" integrity="sha384-q8i/X+965DzO0rT7abK41JStQIAqVgRVzpbzo5smXKp4YfRvH+8abtTE1Pi6jizo"
crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js"
integrity="sha384-
ZMP7rVo3mIykV+2+9J3UJ46jBk0WLaUAdn689aCwoqbBJiSnjAK/l8WvCWPIpM49"
crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"
integrity="sha384-
ChfqqxuZUCnJSK3+MXmPNIyE6ZbWh2IMqE24lrYiqJxyMiZ6OW/JmZQ5stwEULTy"
crossorigin="anonymous"></script>

</body>
</html>

```

2- Deletion Function:

The deletion is done through the system administrator by deleting the data of the faculty members, the staff data and the training courses. The professor removes the office clock. The student requests to delete the office hours and delete the training course.

Admin : delete faculty members

```

<?php
$x= intval($_GET['x']);
$con=mysqli_connect("localhost","root","","tyser");

$v = mysqli_query($con,"delete from teachers where ID_Teachers=$x");
if(!$v){
    echo mysqli_error($con);
}else{

header("location:Management_Teacher_Manager.php");
}
?>

```

Admin : delete employee

```

<?php
$x=$_GET['x'];
$con=mysqli_connect("localhost","root","","tyser");

```

```
mysqli_query($con,"delete from employees where ID_Employee='$x'");

    header("location:Employee_Management_Manager.php");
?>
```

Admin : delete training courses

```
<?php
$x=$_GET['x'];
$con=mysqli_connect("localhost","root","","tyser");

    mysqli_query($con,"delete from courses where id='$x'");
    header("location:Management_Course_Manager.php");
?>
```

Professor : delete clock hour

```
<?php
$x=$_GET['x'];
$con=mysqli_connect("localhost","root","","tyser");
    mysqli_query($con,"delete from office_clock where id='$x'");
    header("location:Time_management_teacher.php");
?>
```

Student : delete training courses

```
<?php
$x=$_GET['x'];
$con=mysqli_connect("localhost","root","","tyser");

    mysqli_query($con,"delete from registration where id='$x'");

    header("location:View_student_courses.php");
?>
```

Student : delete clock hour

```
<?php
$x=$_GET['x'];
$con=mysqli_connect("localhost","root","","tyser");

    mysqli_query($con,"delete from book_hour where id='$x'");

    header("location:View_student_hours.php");
?>
```

3- modification function:

The modification is done through the system administrator by modifying the data of faculty members, staff data and training courses. The teacher adjusts the office clock

Admin : modifying the data of faculty members

<?php

```
$ID_Teachers = $_GET['x'];
$name = $_GET['A'];
$Section = $_GET['B'];
$building = $_GET['C'];
$Role = $_GET['D'];
$Office = $_GET['E'];
$email = $_GET['F'];
$Subjects = $_GET['G'];
$con=mysqli_connect("localhost","root","","tyser");
$v = mysqli_query($con,"UPDATE teachers SET name='$name' ,Section='$Section'
,building=$building ,Role='$Role' ,Office=$Office ,email='$email' ,Subjects='$Subjects'
WHERE ID_Teachers=$ID_Teachers ");

header("location:Management_Teacher_Manager.php");
?>
```

Admin : modifying the data of employee

<?php

```
$ID_Employee = $_GET['x'];
$name = $_GET['A'];
$Section = $_GET['B'];
$building = $_GET['C'];
$Role = $_GET['D'];
$Office = $_GET['E'];
$email = $_GET['F'];

$con=mysqli_connect("localhost","root","","tyser");
mysqli_query($con,"update employees set name='$name' ,Section='$Section'
,building=$building ,Role='$Role' ,Office='$Office' ,email='$email' where
ID_Employee=$ID_Employee" );
header("location:Employee_Management_Manager.php");
?>
```

Admin : modifying the data of training courses

<?php

```
$id = $_GET['CC'];
$name = $_GET['A'];
$name_lec = $_GET['B'];
```



```

$Start_Date = $_GET['C'];
$Expiry_date = $_GET['D'];
$seats = $_GET['E'];
$c_case = $_GET['F'];
$con=mysqli_connect("localhost","root","","tyser");
mysqli_query($con,"UPDATE courses SET name='$name',name_lec='$name_lec'
,Start_Date='$Start_Date',Expiry_date='$Expiry_date',seats=$seats ,c_case='$c_case' WHERE
id=$id ");

```

```

echo '<script language="javascript">';
echo 'alert("شكرا تم التعديل بنجاح")';
echo '</script>';
header("location:Management_Course_Manager.php");
?>

```

Professor : modifying office hour

```

<?php
$ID=$_GET['x'];
$today=$_GET['A'];
$history=$_GET['B'];
$Time=$_GET['C'];
$o_case=$_GET['D'];
$con=mysqli_connect("localhost","root","","tyser");
mysqli_query($con,"UPDATE office_clock SET today='$today',history='$history'
,Time='$Time', o_case='$o_case' WHERE ID='$ID'");
echo '<script language="javascript">';
echo 'alert("شكرا تم التعديل بنجاح")';
echo '</script>';

header("location:Time_management_teacher.php");
?>

```

4.3 Layouts :

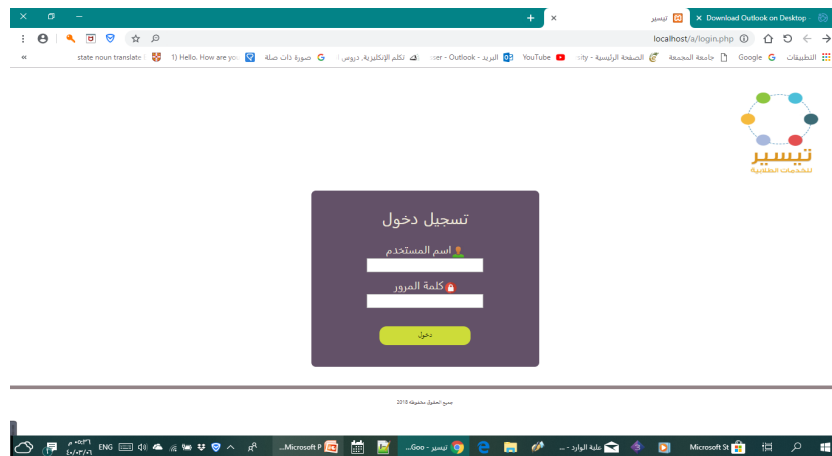


Figure (1): Login page



Figure (2): Home page1

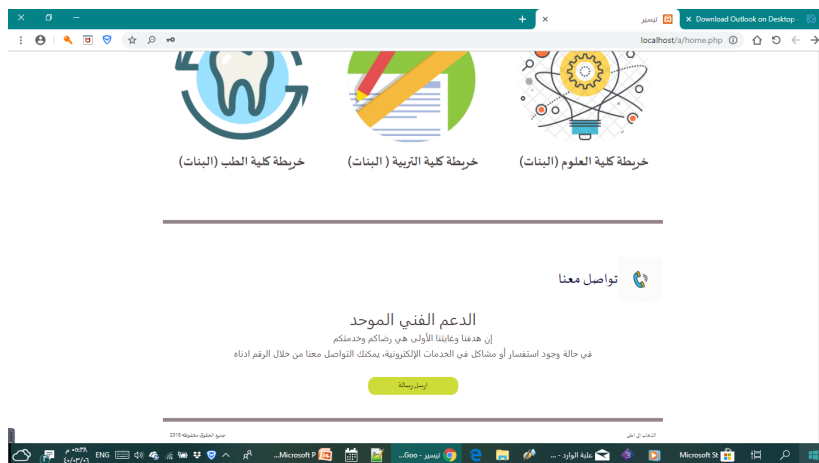


Figure (3): Home page2

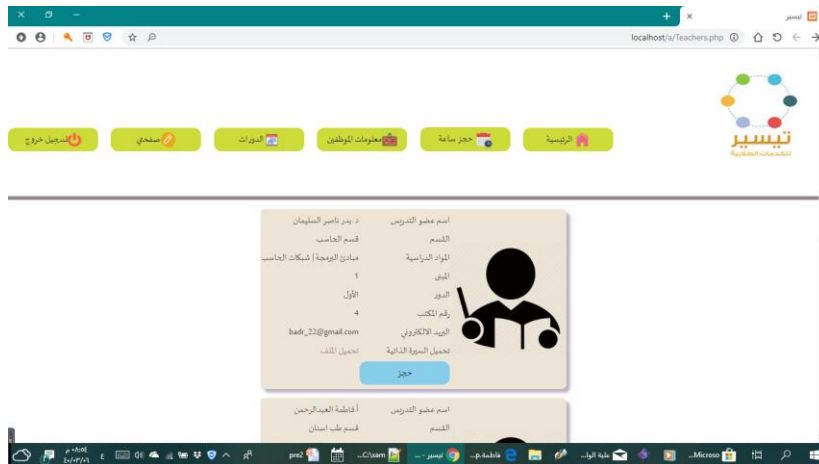


Figure (4): View faculty information page

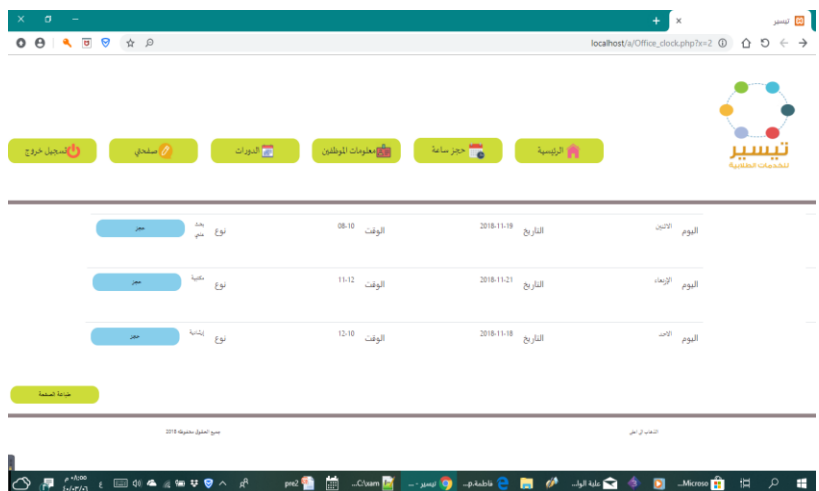


Figure (5): Office hours booking page

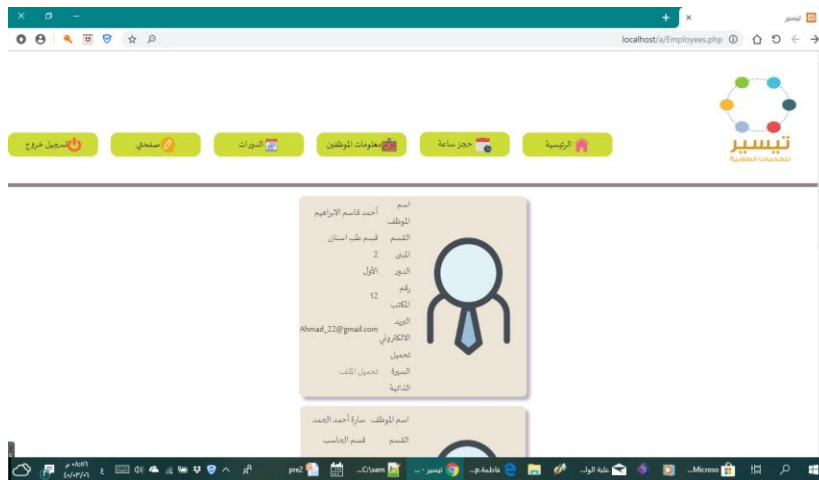


Figure (6): Employee information view page

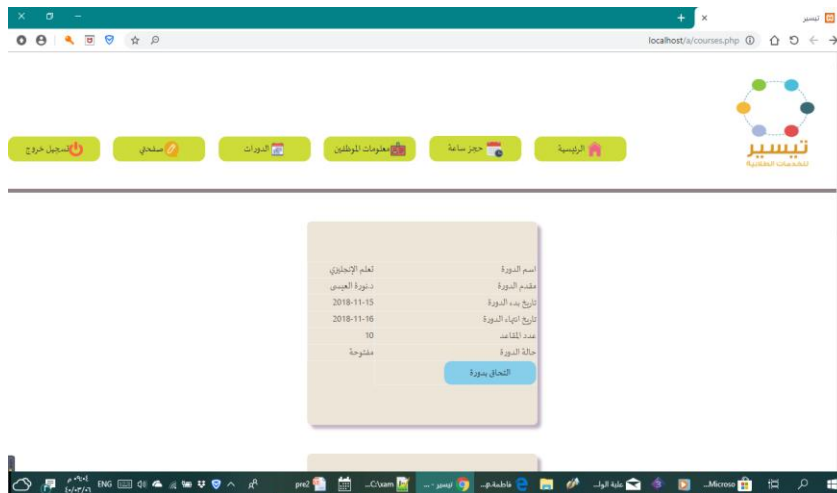
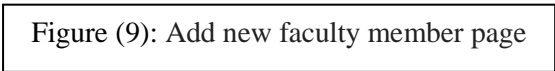


Figure (7): Training Course View Page



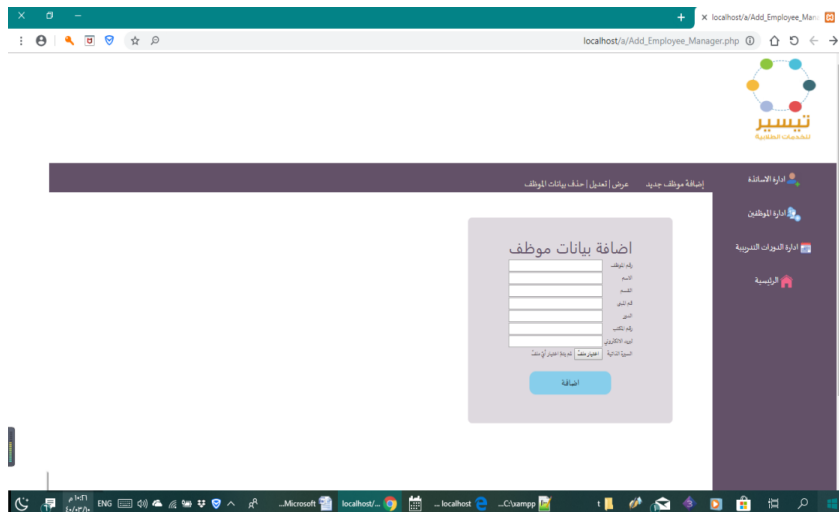


Figure (10): Add new employee page

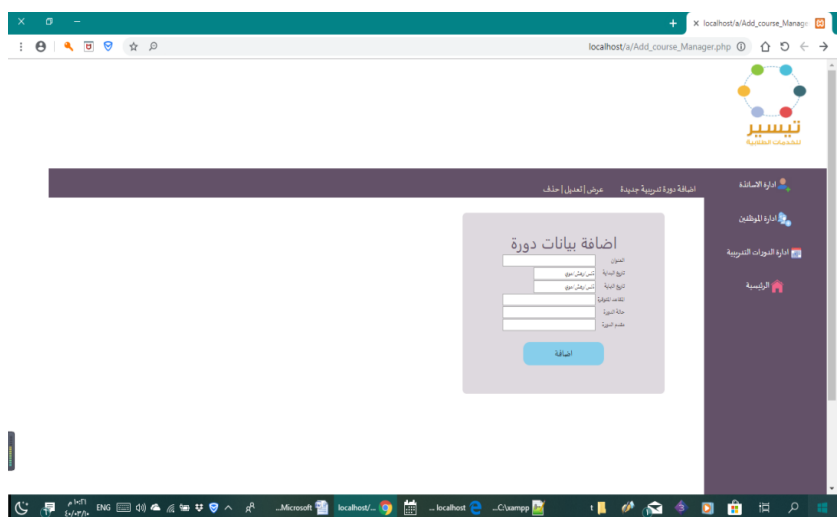


Figure (11): Add a new training course page

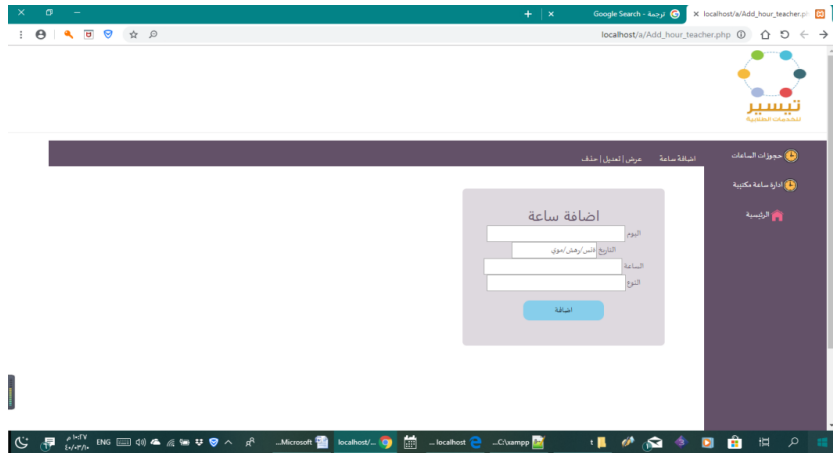


Figure (12): Add a new office hour page

4.4 Report layouts :

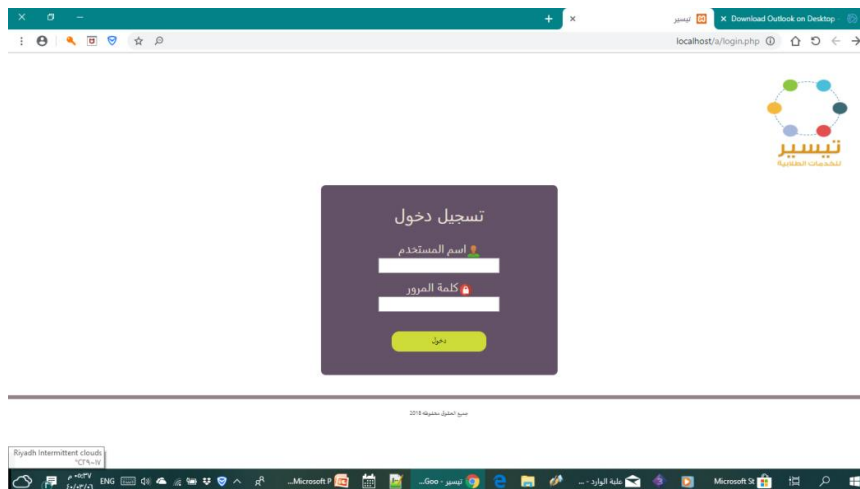


Figure (1)

Figure 1 shows the login page of the site requires a user name and password for each user. If a wrong user name or password is entered, the wrong Pan logo appears and must be entered correctly.



Figure (2)

Figure 2 shows if the student is logged on as a student, the student's home page appears on the page that contains the available services and is accessed by clicking on them.

Services are: Reservation of staff hours, viewing employee information, viewing and booking courses, student page to save reservations, view maps, and also log out of the website.

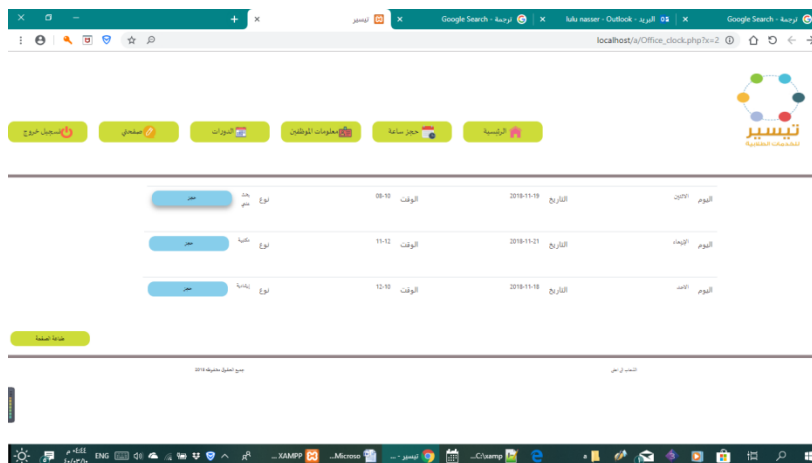


Figure (3)

Figure 3 shows when the student is logged on to the site. A list of services available to him will be shown. When an hour is booked by the student, the information of the faculty members will be displayed and a button for booking the hour will be booked.

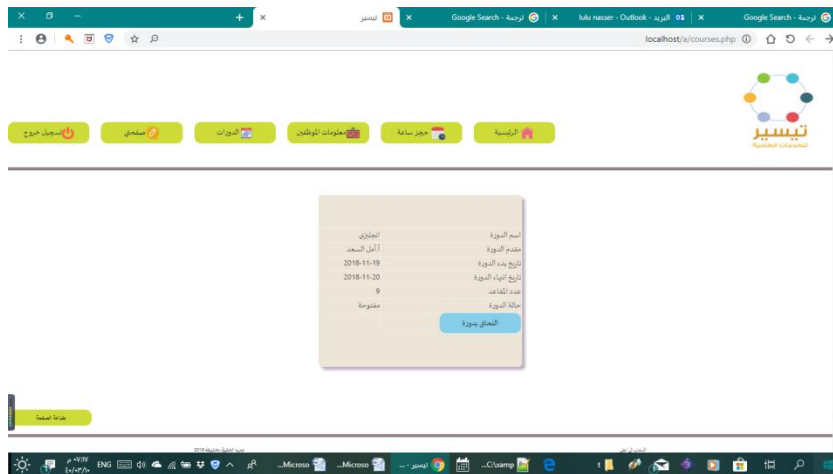


Figure (4)

Figure 4 shows when the student is logged on to the site. It shows a list of services available to it, and when (courses) are clicked.

Details of the course will be displayed and a button to join the course. To reserve a seat for the course, simply click on the "Join Course" button and then the course will be reserved.

4.5 Reports :

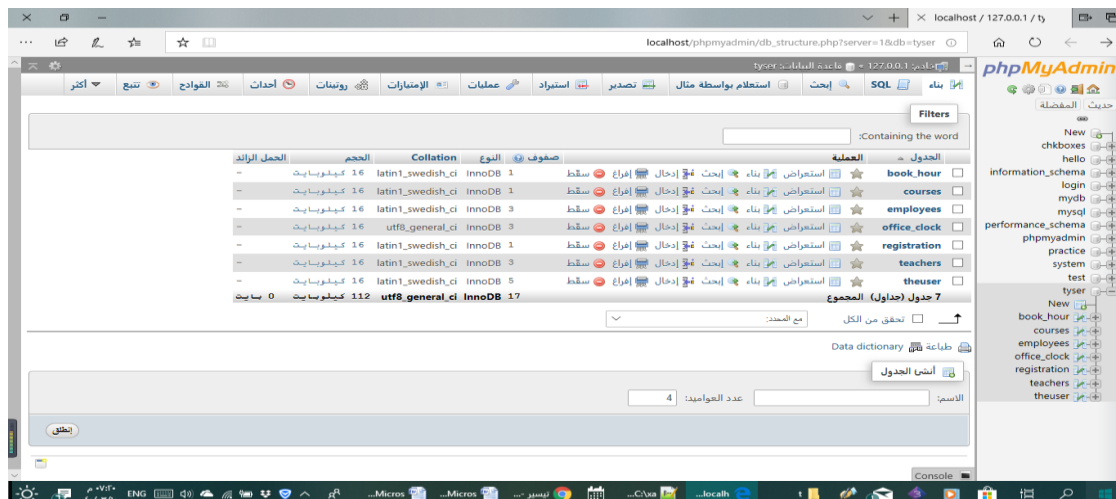


Figure (1)

Figure 1 shows : table of database of the website.



Figure 3 shows : table for the database of professors



Figure 3 shows : table for the database of professors

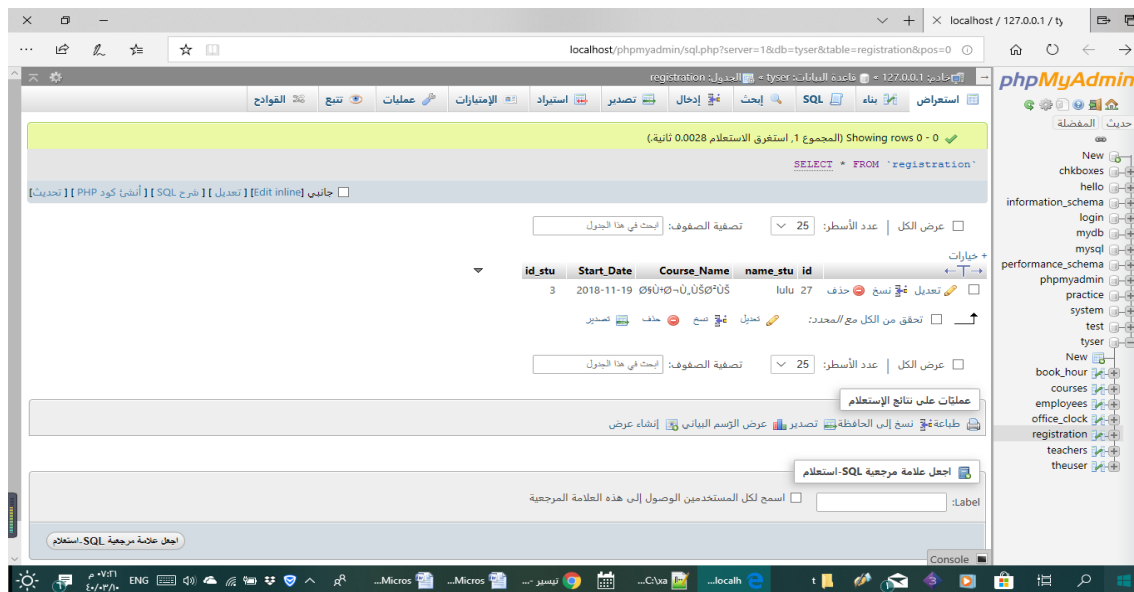


Figure (4)

Figure 4 shows : the database table for courses that have been booked

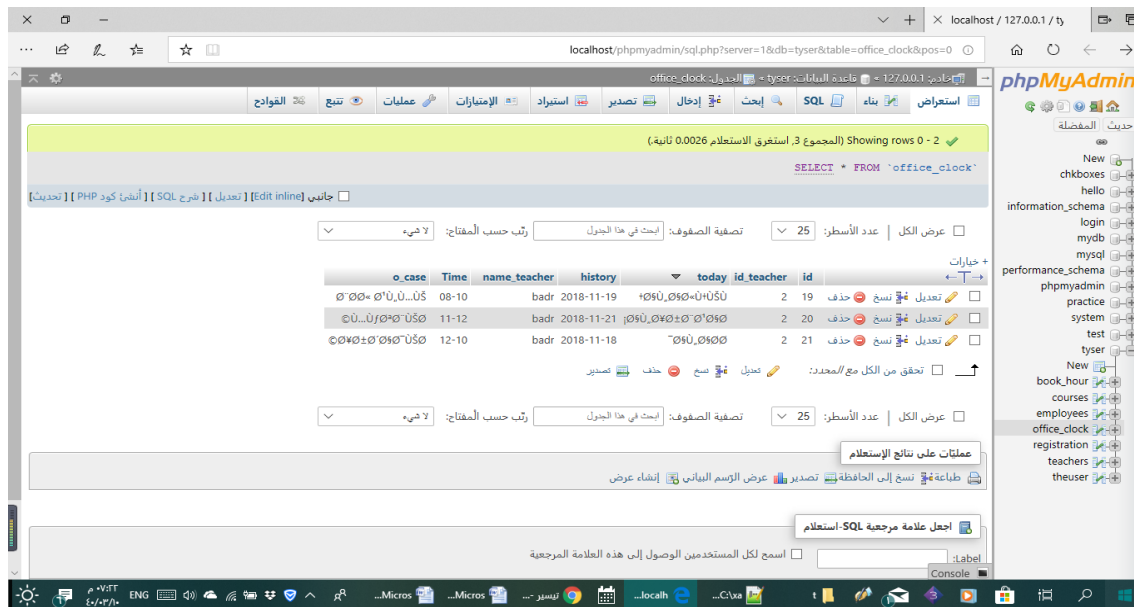


Figure (5)

Figure 5 shows : the database table to enter the office hour of the professor

Showing rows 0 - 2 (المجموع 3 استغرق الاستعلام 0.0031 ثانية)

SELECT * FROM `employees`

| CV | email | Office | Role | building | Section | name | ID_Employee |
|---------------------|--------------------|---------------|------|-----------------------------|------------------------|-----------------------|-------------|
| BLOB - 12
[بايت] | Ahmad_22@gmail.com | 12 „090„0E0“0 | 2 | 0„090„0-0-0“
09090“09090 | 0E00„0-0-0“0„09090“0 | 0E00„0-0-0“0„09090“0 | 1 |
| BLOB - 12
[بايت] | sara12@gmail.com | 7 „090„0E0“0 | 1 | 0„090„0-0-0“0„09090“0 | 0“09090±0±0-0“0E00„0-0 | 0E00„0-0-0“0„09090“0 | 2 |
| BLOB - 13
[بايت] | noura12@gmail.com | 12 „090„0E0“0 | 2 | 0„090„0-0-0“
09090“09090 | 09090±0±0 09090“0 090 | 09090±0±0 09090“0 090 | 3 |

Figure (6)

Figure 6 shows : table of staff database

Showing rows 0 - 0 (المجموع 1 استغرق الاستعلام 0.0044 ثانية)

SELECT * FROM `courses`

| name_id | Start_Date | Expiry_date | seats | c_case | name_id |
|----------------------|------------------------------|-------------|-------|-----------------------|----------------------|
| 0E00„0-0-0“0„09090“0 | 2018-11-19 09090±0-0„09090“0 | 2018-11-20 | 9 | 09090±0±0 09090“0 090 | 0E00„0-0-0“0„09090“0 |

Figure (7)

Figure 7 shows : table of training course database

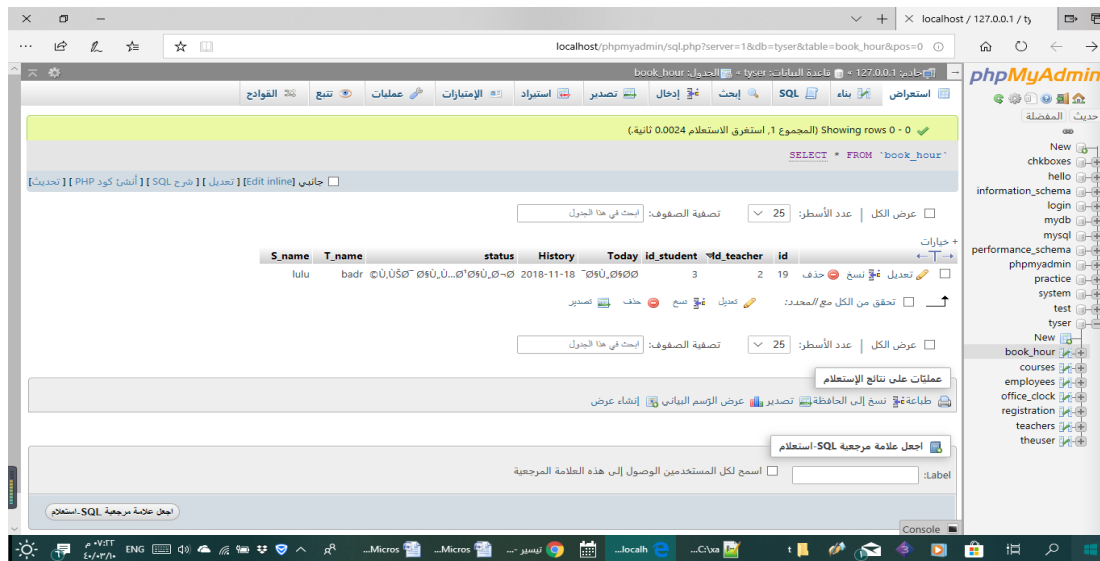


Figure (8)

Figure 8 shows : table of database of reserved hours

Chapter five : System design

5.1 Introduction

“Stage design system Design a system lifecycle SDLC during systems analysis in any system, and are the most creative and difficult phase of the life cycle of the system is the design of the system after the system planning phase Planning”(13)

5.2 Relation database schema

| User | | | |
|-------------|-----------|------|-------------|
| Field name | Data type | Size | Note |
| Username | Integer | 30 | Primary key |
| Type | Integer | 50 | |
| Password | Vechar | 40 | |
| Name | Vechar | 40 | |

| Book_hour | | | |
|------------------|-----------|------|-------------|
| Field name | Data type | Size | Note |
| Id | Char | 40 | Primary key |
| Id_teachar | Int | 30 | Forn Key |
| Id_student | Int | 30 | |
| Today | Varchar | 20 | |
| History | Date | | |
| Status | Varchar | 50 | |

| Employee | | | |
|-----------------|-----------|------|-------------|
| Field name | Data type | Size | Note |
| ID_Employee | Int | 30 | Primary Key |
| Name | Char | 30 | |
| Section | Int | 20 | |
| CV | Varchar | 50 | |
| Building | Int | 11 | |
| Role | Varchar | 100 | |
| Office | Int | 11 | |
| Email | Varchar | 100 | |

| Teachers | | | |
|-----------------|-----------|------|-------------|
| Field name | Data type | Size | Note |
| ID_Teachers | Int | 30 | Primary Key |
| Prof_name | Char | 30 | |
| Section | Vachar | 20 | |
| Building | Int | 60 | |

| | | | |
|----------|--------|-----|--|
| Role | Vachar | 50 | |
| Office | Int | 40 | |
| Email | Vachar | 100 | |
| CV | Vachar | 100 | |
| Subjects | Vachar | 100 | |

Office_clock

| Field name | Data type | Size | Note |
|--------------|-----------|------|-------------|
| ID | Int | 40 | Primary Key |
| Id_teacher | Int | 30 | Fornkey |
| Today | Vachar | 30 | |
| History | Date | 30 | |
| Name_teacher | Vachar | 50 | |
| O_case | Vachar | 50 | |
| Time | Time | | |

Course

| Field name | Data type | Size | Note |
|-------------|-----------|------|-------------|
| ID | Int | 40 | Primary Key |
| Name | Vachar | 30 | |
| Start_date | Vachar | 30 | |
| Expiry_date | Vachar | 30 | |
| Seats | Int | 50 | |
| C_case | Vachar | 50 | |
| Name_elc | Vachar | | |

Registration

| Field name | Data type | Size | Note |
|--------------|-----------|------|-------------|
| ID | Int | 40 | Primary Key |
| Name_student | Vachar | 30 | |
| Course_name | Vachar | 30 | |
| Start_date | Vachar | 30 | |
| ID_student | Int | 50 | |

5.3 Hardware and software requirements

Technical study:

Technical requirements for project work through the following points

:

- Laptop.
- Internet Connection.
- PHP & CSS & Javascript.
- MySQL Database.
- Xampp Program
- Apache Server.
- Web Server.

Operational study:

The requirements that lead to the project work are that university students must be able to handle the computer.

Economic study:

Expenses paid once.

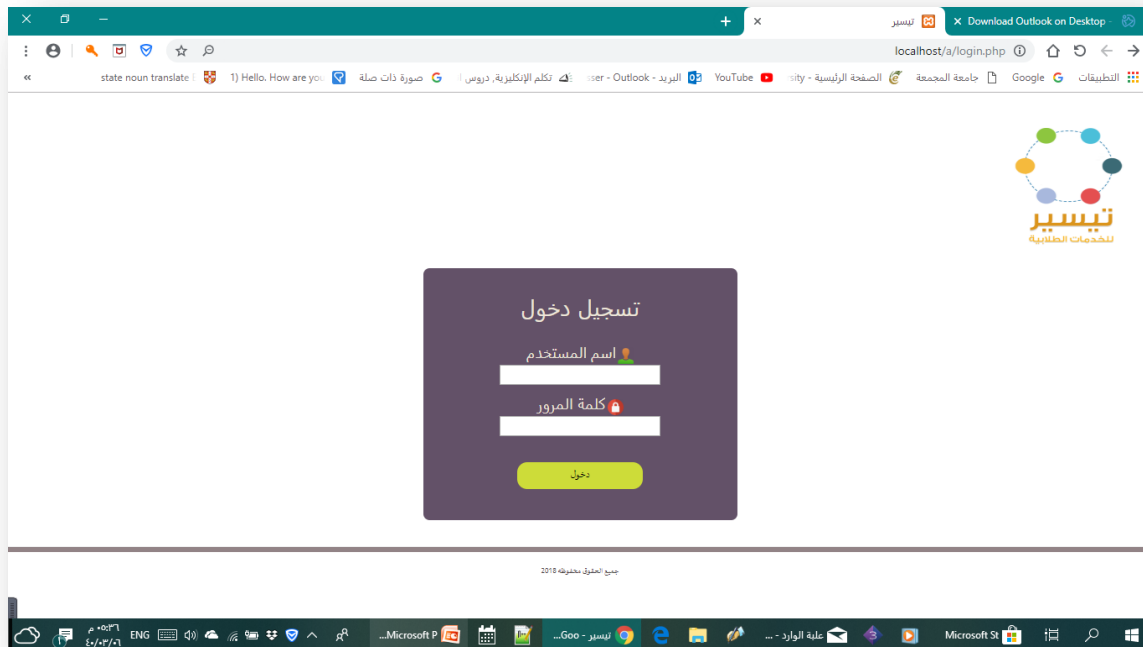
| Item | | | Gross |
|-------------------|---|---|-------|
| Computer / Mobail | 1 | 1 | 2000 |
| Total | | | 2000 |

Expenses paid annually:

| Item | Number | Amount | Gross |
|---------------------------------|--------|--------|-------|
| Web server subscription | 1 | 590 | 950 |
| Software for protection devices | 4 | 200 | 200 |
| Total | | | 1150 |

5.4 Design screens

Figure (1) Login page1



When you open the site, this page shows that the user can access the site by entering the user name and password after entering the data. Here you will be logged in as a student.

Figure (2) : Student home page

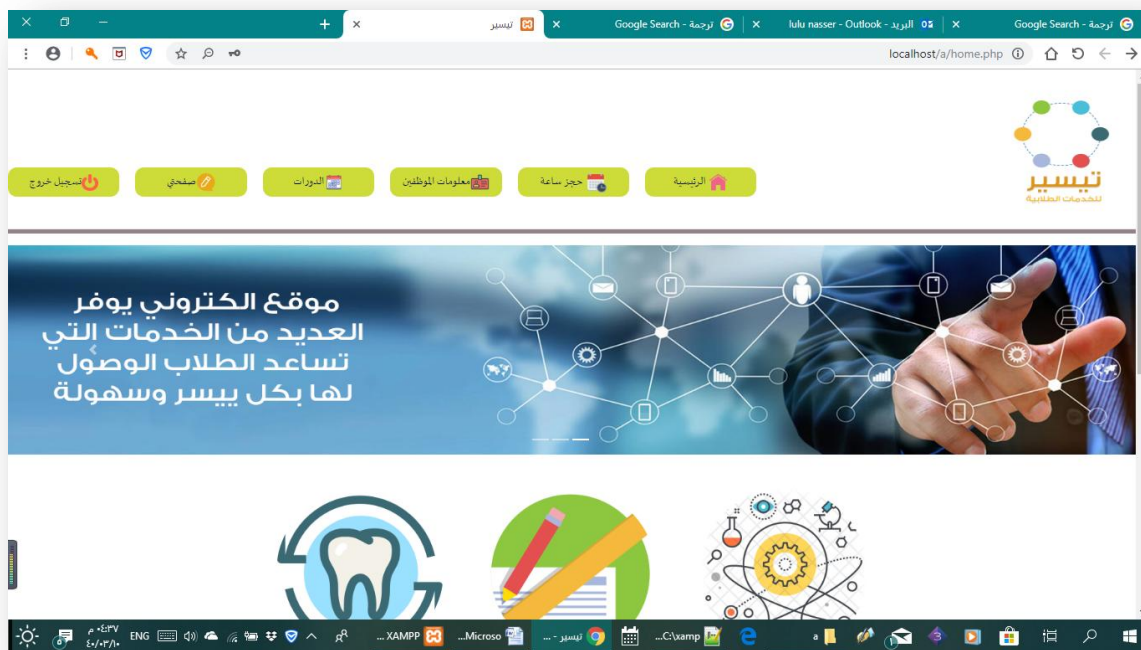
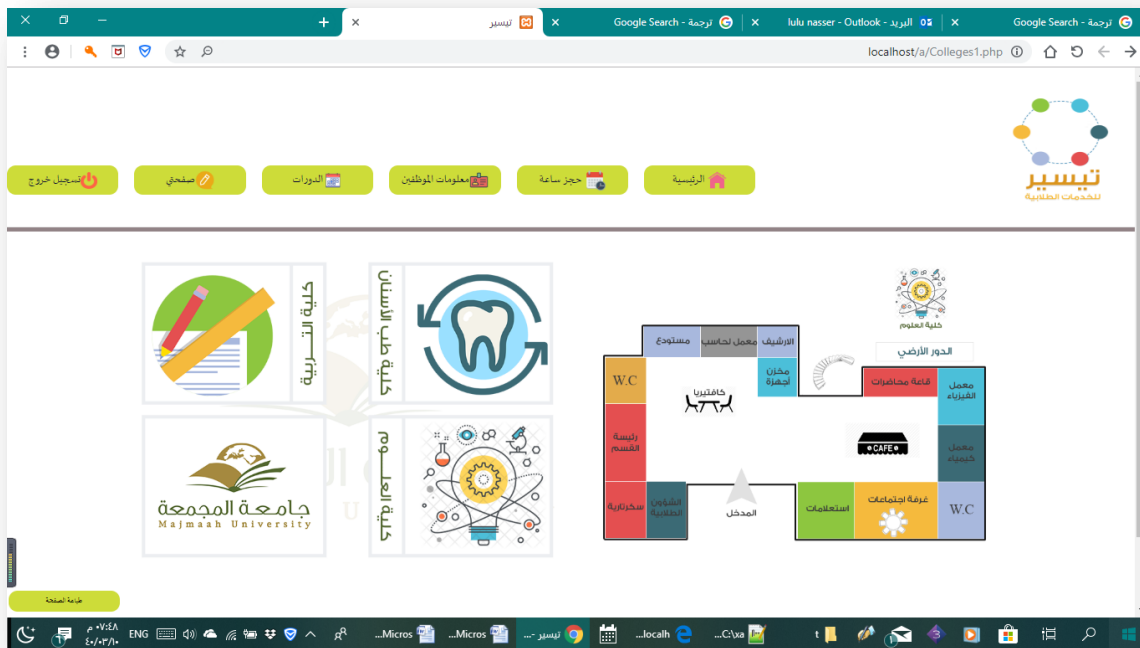


Figure (3) : Student home page



This page displays the services available on the site (booking an hour, viewing the employee information, viewing and booking the courses, the student's page to save his reservations, viewing maps, and a button to sign out of the website) and entering the service by pressing the button on it, The site is pressed (send message) button to the system administrator to resolve the issue.

Figure (4) : Maps pages



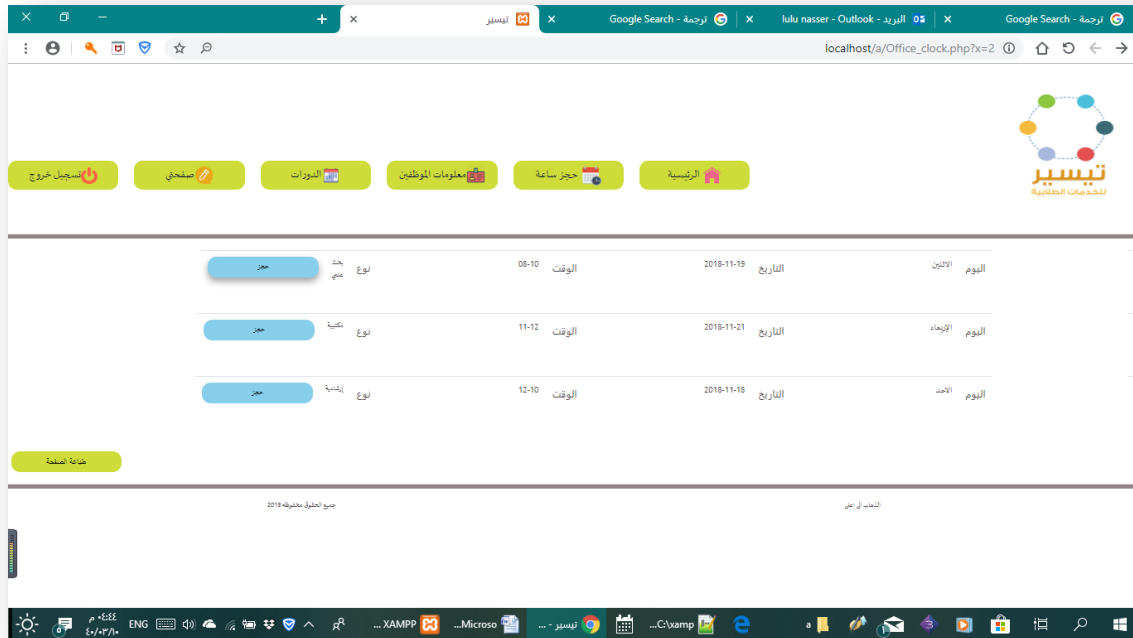
When you click on the icon of the college to be accessed, the map of the college appears and the map can be printed.

Figure (5) : Booking page



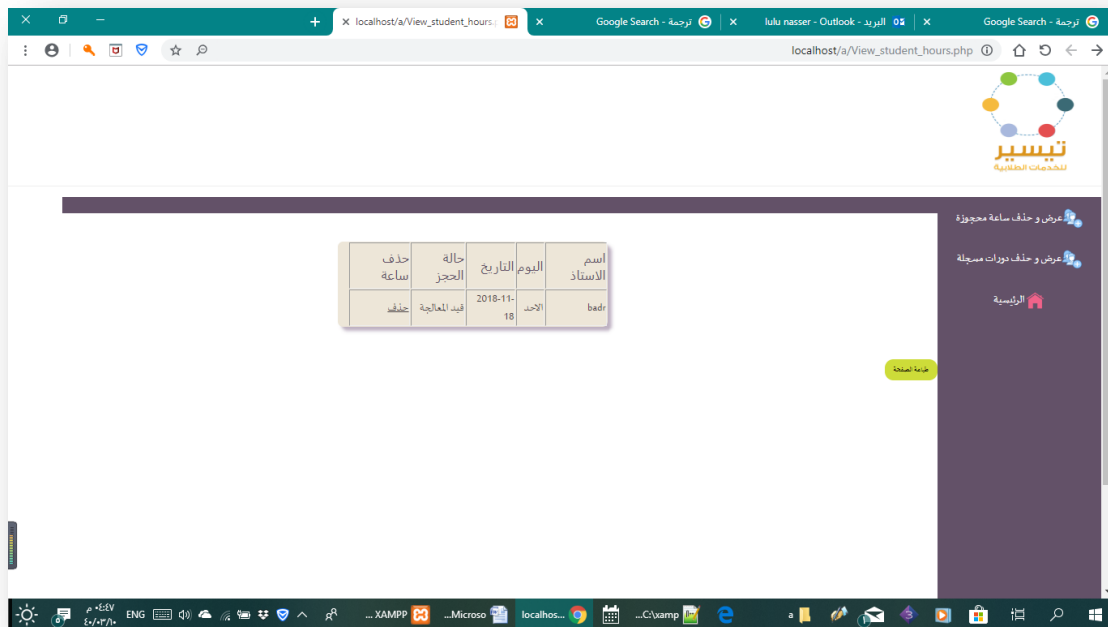
When the student presses the button (hour reservation), the faculty information is displayed and the reservation button is pressed at the bottom.

Figure (6) : Booking page



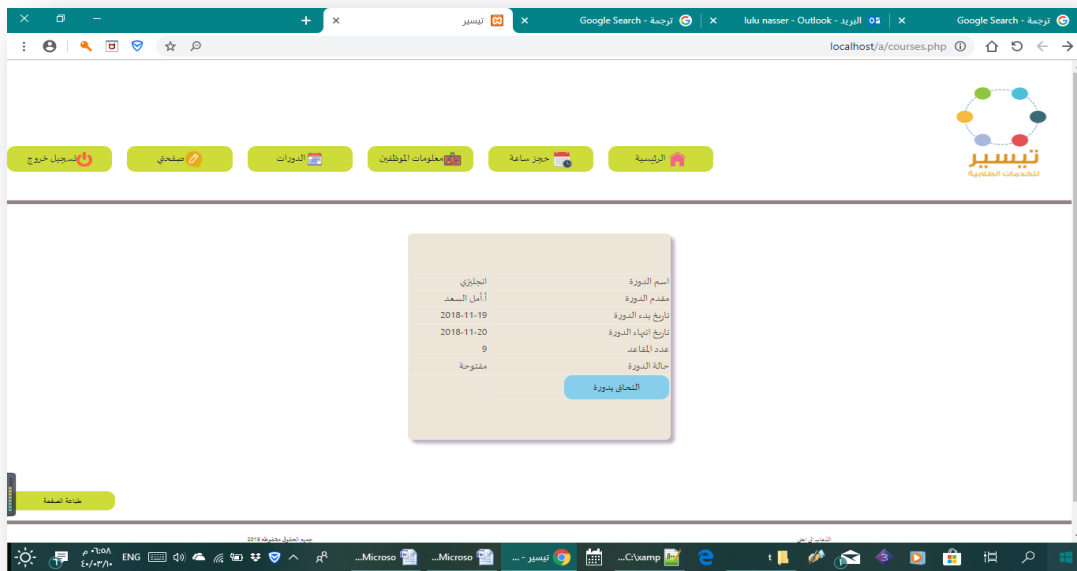
If a reservation button is pressed, the office hours of the student whose booking has been pressed below will be displayed. The student will be able to reserve the appropriate hour by clicking on the booking button and then on the tab page as a reserved hour. (Accept or reject) .

Figure (7) : View and delete reserved time reservation page



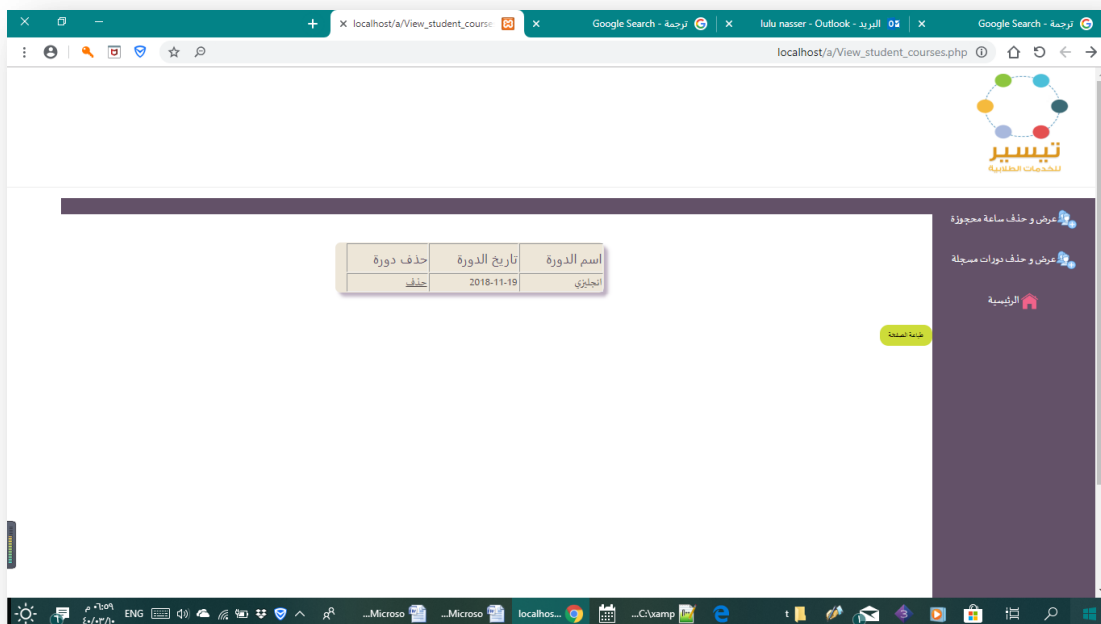
By pressing the (My page) button, the student's properties appear: View and delete a reserved hour, view and delete the courses, and go back to the home page by pressing the (Home).

Figure (8) : Booking Courses page



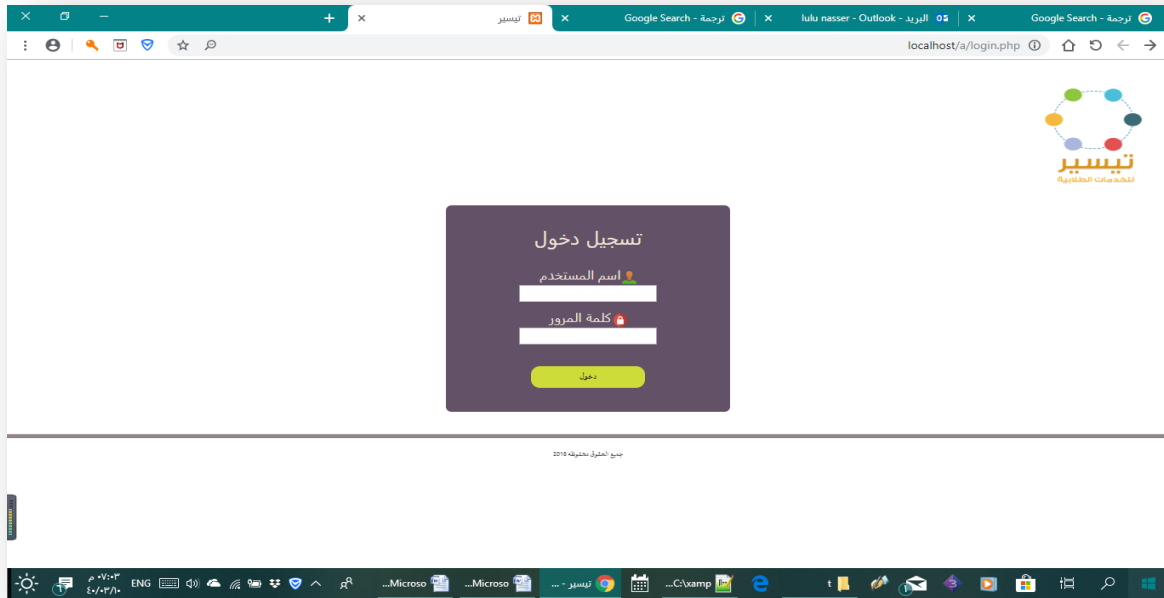
The booking page shows the available courses for which we can reserve seats for the course and the reservation is made by clicking on the "Join Course"

Figure (9) : Booking Courses page



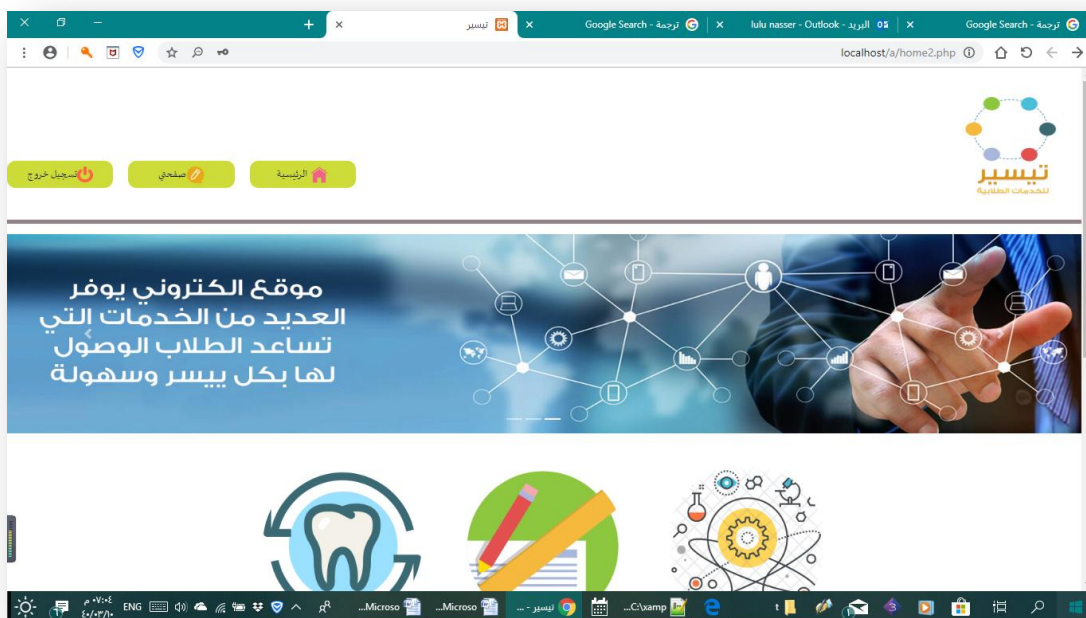
Once a course has been booked, the student can go to the main page by clicking on the "Home" button and then clicking the "My page" button. Click on the "View and Delete" button. You will see a list of courses that have been registered , button to delete the reserved course ,and also can print the page when needed.

Figure (10) : Login page2



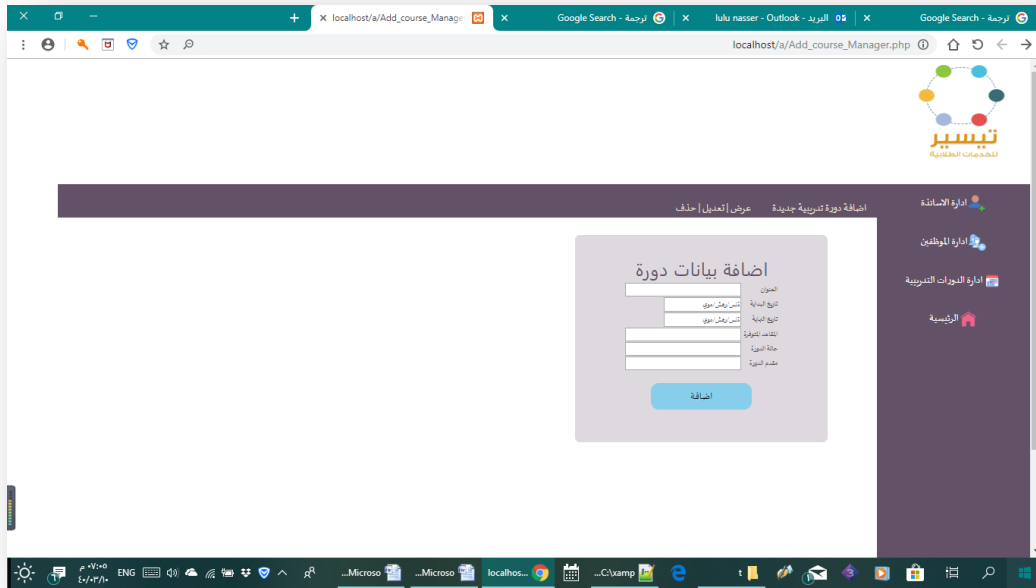
When you open the site, this page shows that the user can access the site by entering the user name and password after entering the data. Here you will be logged in as a admin.

Figure (11) : Admin home page



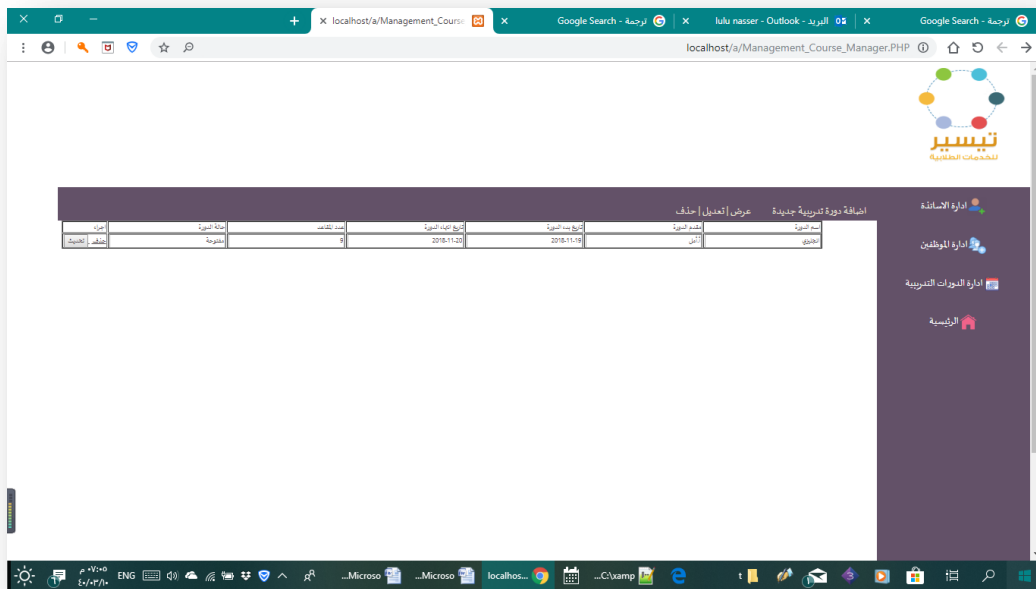
System Administrator Home The (Home) button (My Page) and the (Log out) button appear, and the map icons when clicked show the map just as the student has.

Figure (12) : Faculty Members Management Page



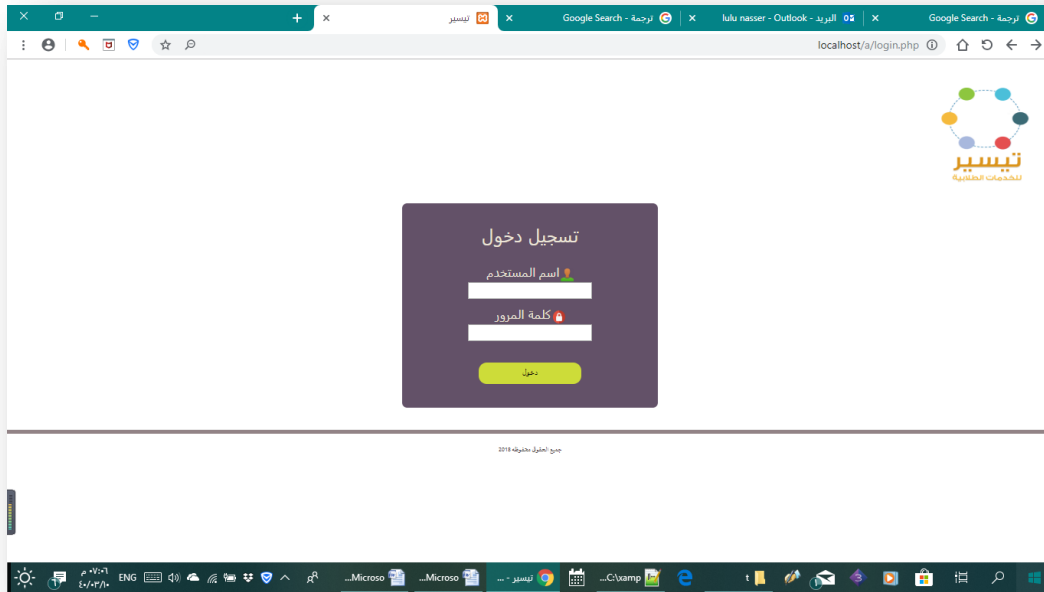
By clicking on the "Manage Courses" button, you can add training courses by filling in the required data and then clicking the add button, so the course will be added to the website.

Figure (17) : Training course management page



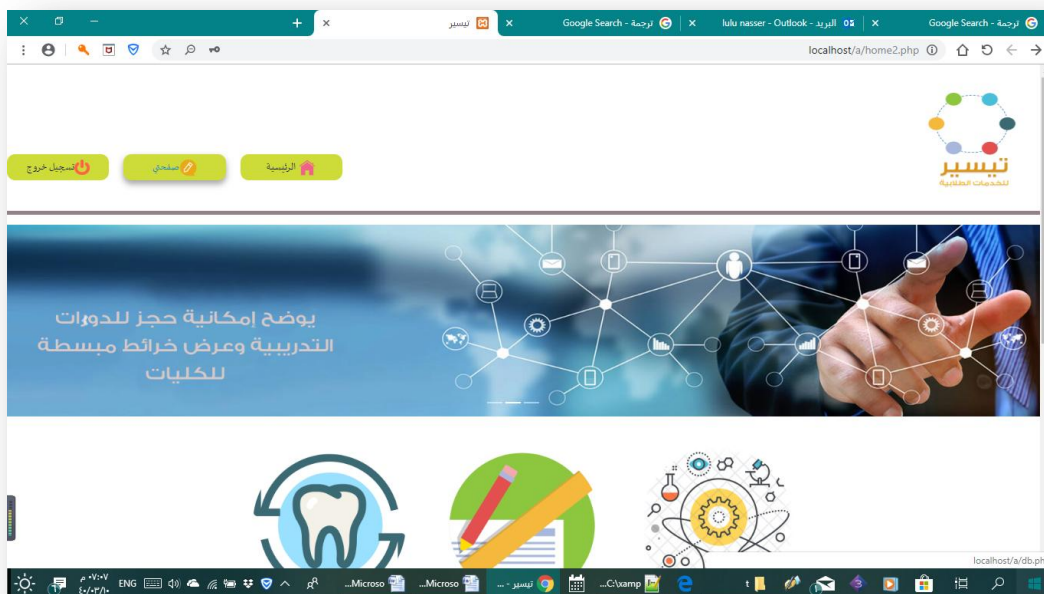
When you click the (View, Edit, Delete Courses) button, they are displayed, edited, and deleted, by clicking on what is required.

Figure (18) : Login page3



Here you will be logged in as a Professor.

Figure (19) : Professor home page



The home page of the teacher is displayed a button for the (home page) , (my page) and the (logout) button, and an icon appears to display the map. When you click on it, the map shows us the same as the student has.

Figure (20) : Office Hours Management Page

The screenshot shows a web browser window with the URL `localhost/a/Add_hour_teacher.php`. The page features a sidebar on the right with navigation links: "حجوزات الساعات" (Hour Reservations), "إدارة ساعة مكتبية" (Office Hour Management), and "الرئيسية" (Home). The main content area displays a form titled "إضافة ساعة" (Add Hour) with the following fields:

- اليوم (Day): A dropdown menu.
- التاريخ (تسليط/إشغال/مبني) (Date): A date input field.
- الساعة (Hour): A dropdown menu.
- النوع (Type): A dropdown menu.

Below the form is a blue button labeled "إضافة" (Add).

When you press the (My Page) button, the Professor's capabilities are displayed on the site. Here we are able to add the desktop clock by typing the hourly data and adding it by pressing the Add button.

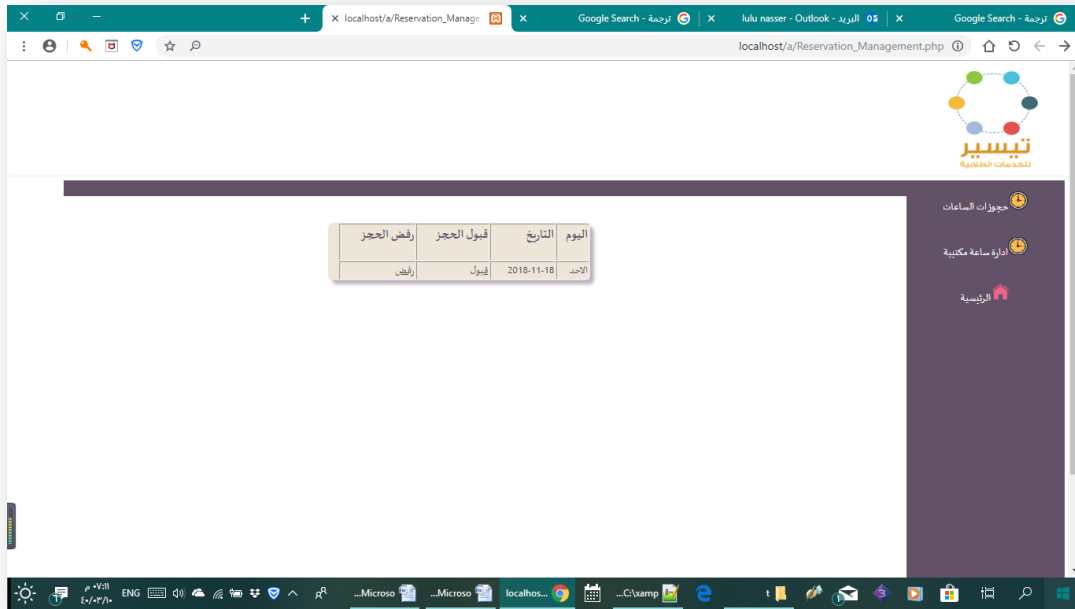
Figure (21) : Office Hours Management Page

The screenshot shows a web browser window with the URL `localhost/a/Time_management_teacher.PHP`. The page features a sidebar on the right with navigation links: "حجوزات الساعات" (Hour Reservations), "إدارة ساعة مكتبية" (Office Hour Management), and "الرئيسية" (Home). The main content area displays a table titled "إضافة ساعة" (Add Hour) with the following columns:

| اليوم | التاريخ | الوقت | النوع | الاجراء |
|-------|------------|-------|-------|---------|
| الجم | 2019-11-10 | 09:10 | مكتب | إضافة |
| الجم | 2019-11-10 | 11:10 | مكتب | إضافة |
| الجم | 2019-11-10 | 12:10 | مكتب | إضافة |

When you click the "View, Modify and Delete Clock" button, this page will display, modify and delete the clock by clicking the button.

Figure (22) : Reservations page



When you press the clock button, the hours that have been booked by the student appear. This can be accepted or rejected by the professor. If accepted or rejected, on the Student page, the status of the booking is automatically changed from "Processing" to Accept or Reject, and when you click the Home button you are referenced to the home page and logged out by clicking the "Sign Out".

Chapter 6 :

Conclusion and Future Work

6.1 Conclusions

The website is designed to facilitate communication between the student and the professor in an organized manner through the possibility of booking the office clock including the academic hour, guidance and scientific research, and also to view all the training courses conducted by the university as well as searching for staff information and searching for maps of the colleges of the university and all to benefit the student from Technology techniques in the study environment .

6.2 Future

The website will be implemented through the implementation of codes and these codes are tested.

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Appendix A:

Functional Requirements

Functional requirements are service groups which must be provided by the website, and show how the website interacts when requesting services provided, so in this step we put a set of general objectives that should be in the website.

This system will be used by the users following:

- (Administrator) System Manager
- Student
- Professor

all these different requirements for their needs and avoid any kind of confusion. The functional requirements are described below:

Administrator will need the following functional requirements:

- Login to the website by username and password.
- Displays all the data recorded in the website.
- Add and modify and delete of the data .

The Student will need the following functional requirements:

- Log in to the site by username and password.
- Shows the booked desk clock, the booked course, and employee information.
- Book an office hour and book a training course
- The possibility of displaying maps of the University

The professor will need the following functional requirements:

- Log in to the site by username and password.
- Displays the office clock that has been reserved by the student
- Modification of office hours
- View employee information

Appendix B:

Questionnaire: do you mean a template of questions on the subject of research and distribution to a specific group targeted by research and answer these questions and analyze the answers, to be helpful to the researcher to know the needs of the sample, this method is commonly used in the September research electronic services as a means Effective to target as many sample and diverse geographical distribution.(14)

- 1- Did you encounter the problem of not knowing the university places when you first visited?



Figure (1) : Questionnaire

- 2- Have you ever encountered a problem because you do not know the offices and office hours of the professors?



Figure (2) : Questionnaire

3- Have you ever encountered a problem when looking for an employee's office?



Figure (3) : Questionnaire

4- Are you ashamed when asked about a place?

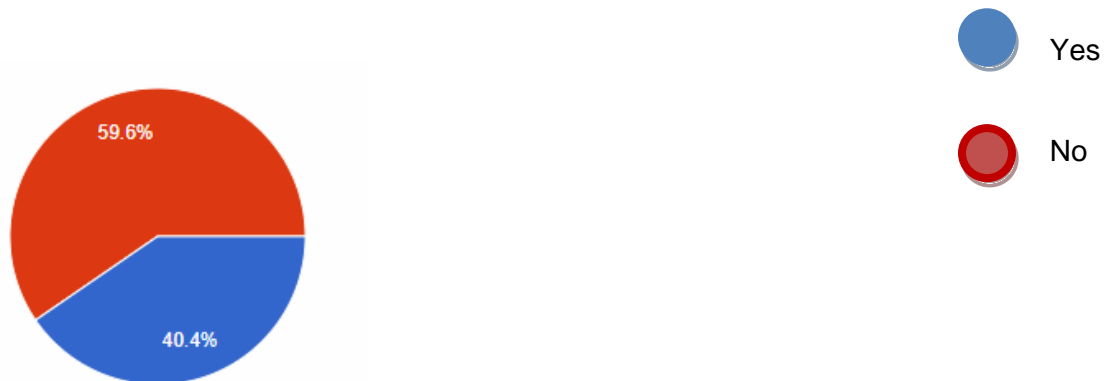


Figure (4) : Questionnaire

5- Do you support designing a system that includes all the information that will benefit you when you enter the university?



Figure (5) : Questionnaire

6- Do you have suggestions for new added in system?

-These are some of the proposals put forward

- No
- .
- Curriculums of the university (2)
- Wish I could be like program design maps to find places at University and masters ' offices or restaurants and cafés
- System includes all important information that when entering the University Office hours key staff who need them students.
- nothing
- Establishing a site that explains the university's facilities and all the information that the student may need from the staff or employee offices. This allows the employee to renew or update the available data easily so that the student does not have to waste most of his time searching for the desired office.
- The presence of wagons at the beginning of each corridor signifies offices everywhere
- Make detailed mapping of all offices and names of female employees in detail
- Add phone numbers for doctors or office transfers
- Knowing the presence of professors .