

Online Dentistry Clinic at az Zulfi Hospital

BY

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Graduation project

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Chapter 1

1.Introduction

1.1Overview

We will create website for **Al zulfi dentistry hospital** that save all data about patient and doctors , employee .

the site Provide booking or cancellation of appointments , reviews the induction record of dental doctors and working hours also display a before and after pictures of their work on dental patients also other services .

This system (HMS) provides online storage/ updating and retrieval facility.

This system promises very less or no paper work and also provides help to Doctors and patient's In this system everything is stored electronically so very less amount of paper work is required and information can be retrieved very easily without searching here and there into registers

.

The new service in the website is After adding an appointment and opening a file a specific number will show and in the appointment page will be a table of days of the week with the work days shown, and all patients numbers , for example if you were number 15 on Monday 10:00 AM , and the doctor is finished with patient number 14 at 9:15 , a message will be sent and in this case either an appointment will be opened for the 10:00 or any other patient that may come

the system development :

Package Includes JavaScript JS, HTML, CSS, PHP, SQL,

Compatible Browsers Firefox, Chrome, Safari,

1.2 problem definition

when open history of patient the terminology used is not medical like Dental caries(DC) is represented as CL. So, many doctor face problem in identifying the correct terminology .we want to write medical terminology for the patients problem so any doctor can identify the problem quickly.

if Doctor want to open data graph (x-ray) you need to open first patient file to view data graph .which is time consuming we want to integrate the system with database

So ,Any doctor can view all the data grams directly from database and also take Appointments or cancel will be available another problem sometimes patient cant contact whit doctor . so the website will provide this service that can patient contact whit the doctor no need to go hospital also Preparation of accurate and prompt reports This becomes a difficult

task as information is difficult to collect from various registers.

1.3 goals

Low scheduling problems , Ease of dealing and organization .

1.4 Objectives

Make a easy communication between patient and doctor also integrate system , so that directly you can view data graph from database.

include medical terminology so any doctor can analyze the summary .

1.5 system Benefits

- computerize all details regarding patient details & hospital details .
- Online appointment is the new trend and also a time-saving process for the patient as well as the dentist .
- map facility on the website, help the patient to know Hospital exact location and allow them to accurately and hassle free and on time.

1.6 literature survey

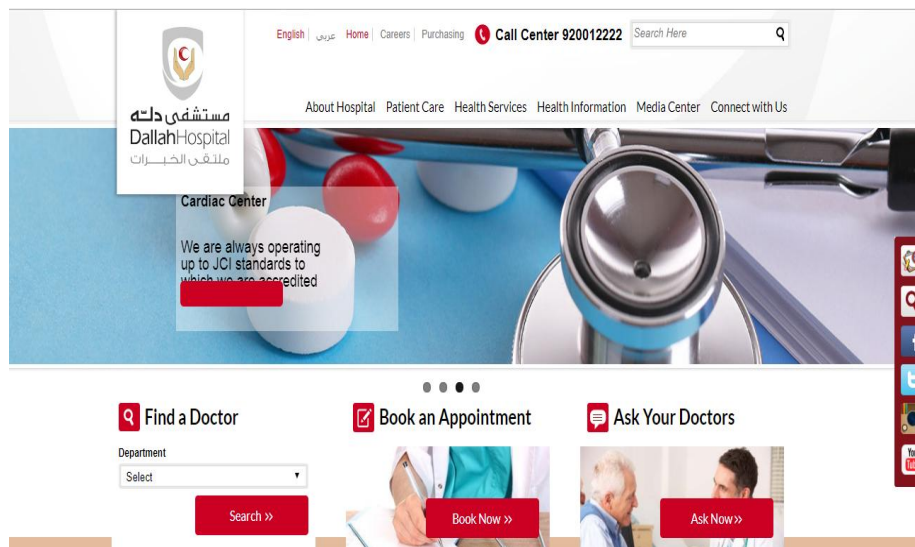
Dr suliman al habib (medical group)



the website provides a lot of services and options to the patients and the most important electronic service is ask doctor , appointment , laboratory result , rate doctor radiology result.

Dr suliman al habib (medical group) is private sector which means is not from Saudi government .

dallah-hospital



also we have this website "dallah hospital" the electronic service not so different if we compare dallah hospital and Dr suliman al habib (medical group) In terms of electronic services both almost have same service but dallah hospital have New service which (Patient Rights and Responsibilities) if any Patient read this on that website will understand the Rights .

—

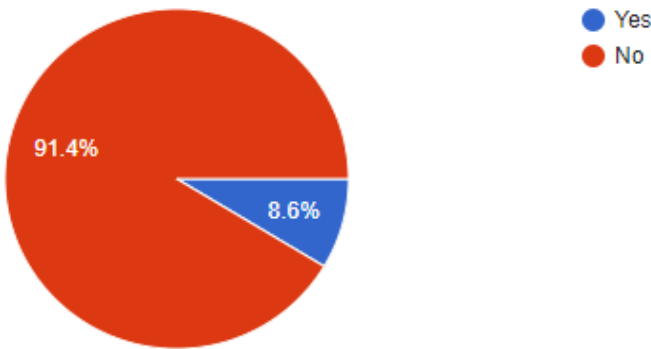
1.6 Feasibility study :

- The Feasibility study clarify how the project important to the patient and if we can complete it successfully ,and how much they need this website .

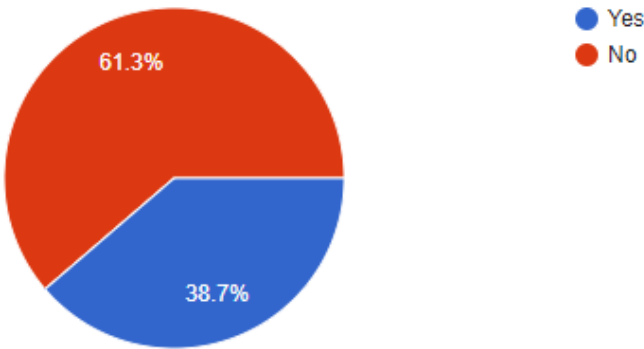
the survey based on varied question , cover a diverse range of ideas, and we asked basic questions .

- which was

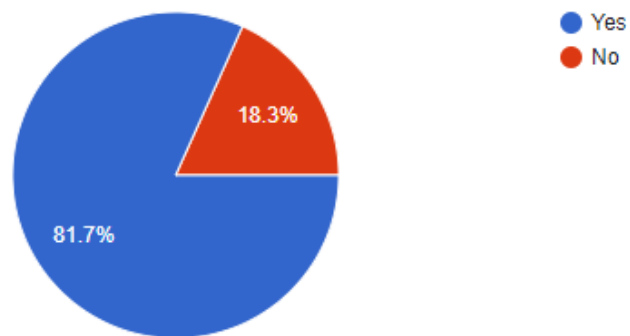
— 1- are you a doctor ?



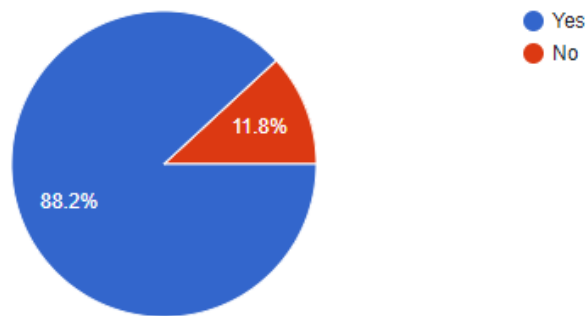
2- do you Have any issues to open your patient file in hospital?



Do you want to contact whit doctor personally ?



Do you think there should be a website " dentistry clinic for alzulfi hospital "?



1.8UML Diagrams

Class Diagram

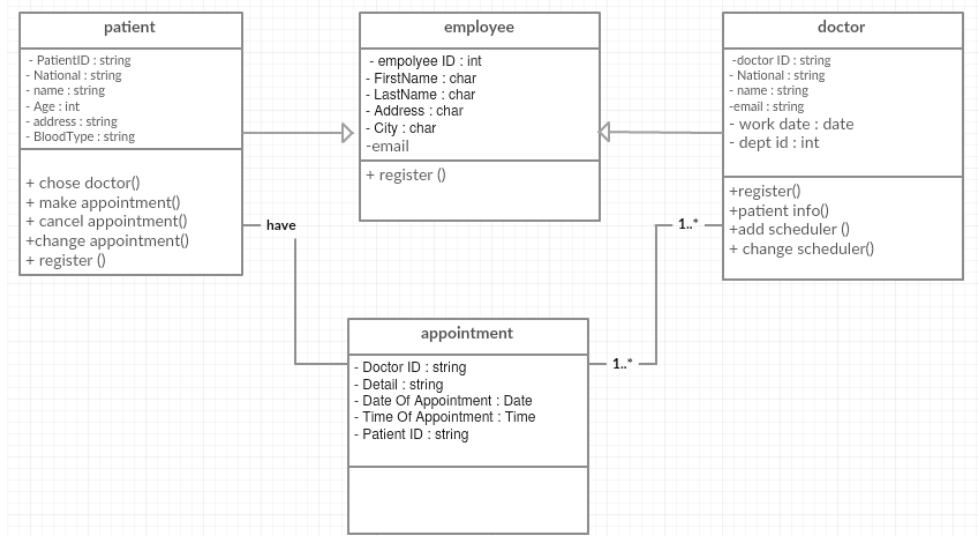


Figure 1class diagram

Each class is drawn by using three part-rectangles with the class's name at the top, attributes in the middle, and methods (also called operations) at the bottom.

this diagram clarify the attribute and operations for doctors , patient , appointment , employee . also explain the relationship between them .

as example we need ID doctor and his nationality , name , email ,work, department id this about attribute

in operation doctor can register , view patient info , add scheduler ..

Object diagram

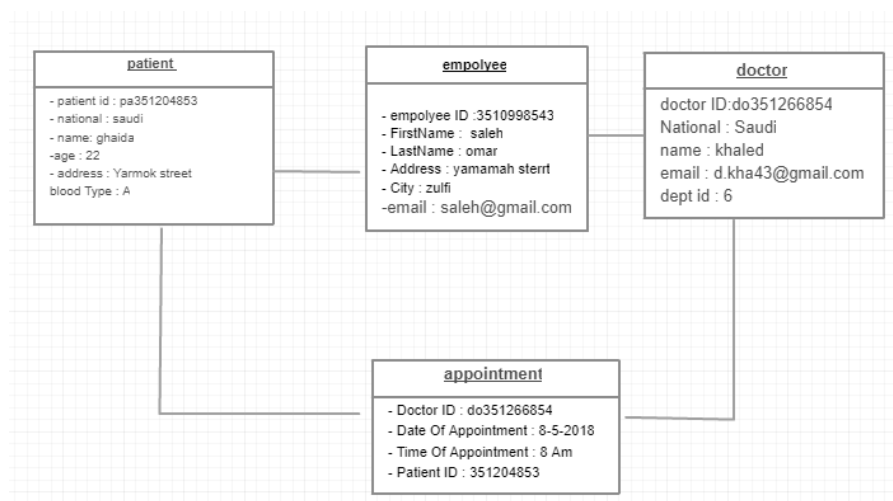


Figure 2object diagram

object diagram focuses on some particular set of objects and attributes, and the links between these instances. A correlated set of object diagrams provides insight into how an arbitrary view of a system is expected to evolve over time

object diagram explain exactly the type of attribute

for example doctor id , employee id , patient id have a unique number.

Sequence diagram

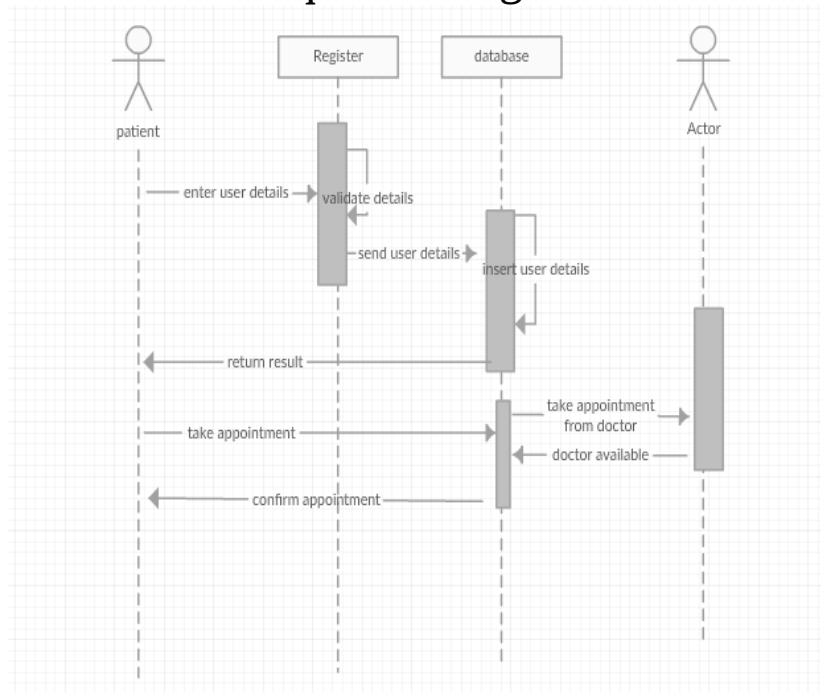


Figure 3sequence diagram

A sequence diagram is a dynamic model that supports a dynamic view of the evolving systems. It shows the explicit sequence of messages that are passed between objects in a defined interaction..

Patient file , employee and doctor information

all the details will store on database .

Use case diagram

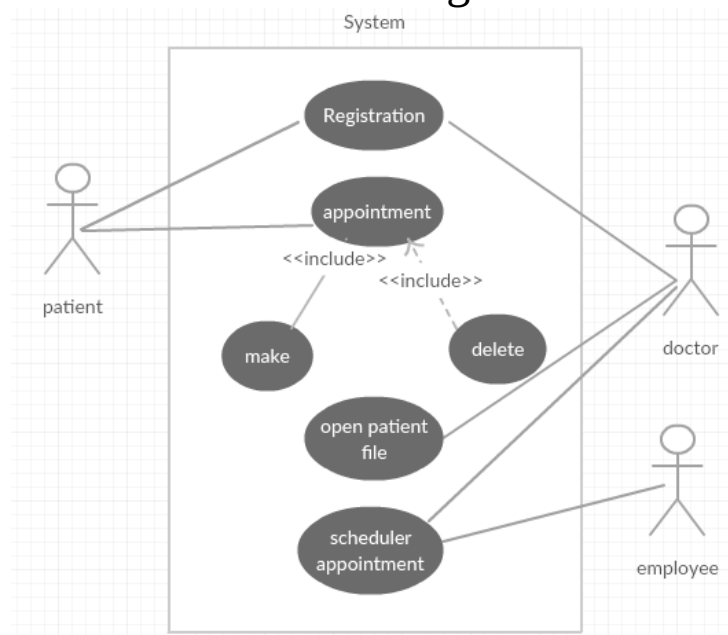


Figure 4Use case diagram

use case diagram is graph of actor , a set of use cases enclosed by a subject boundary , association between the actor and the use case , relationship among the use case , and generalization among the actor .

This diagram show the relationship between patient and doctors .

Patient can registration and make appointment , and doctor can view patient file , scheduler appointment .

Activity diagram

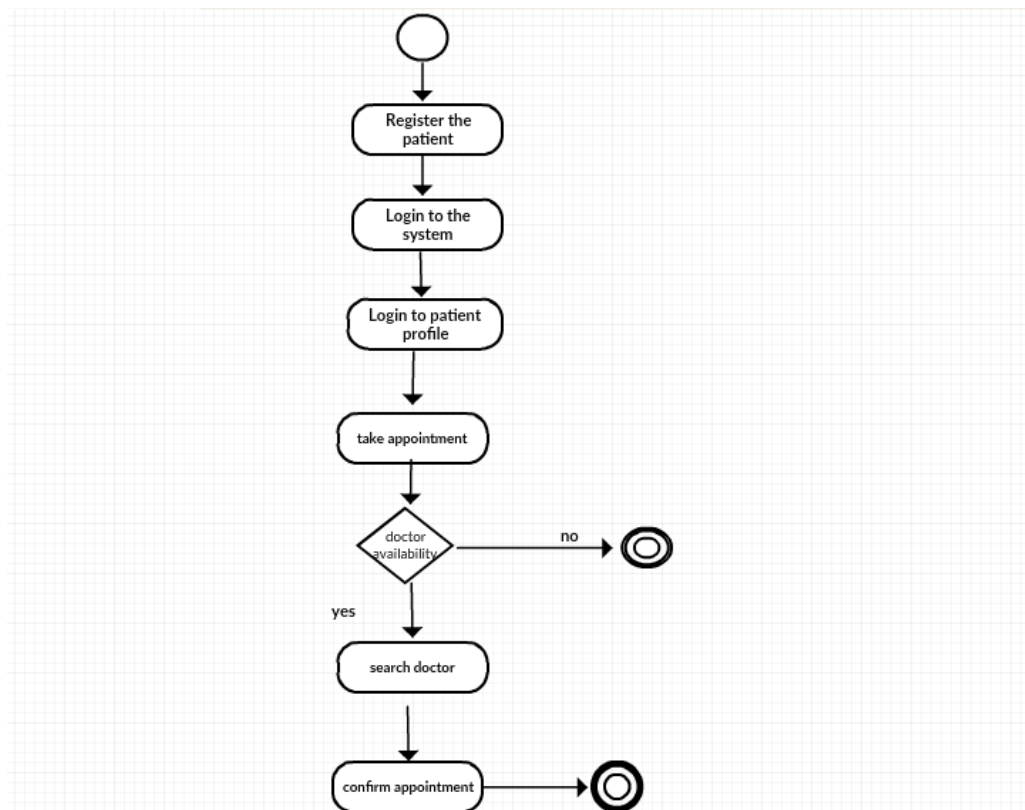


Figure 5Activity diagram

An activity diagram is represented by shapes that are connected by arrows. Arrows run from activity start to completion and represent the sequential order of performed activities. Black circles represent an initial workflow state. A circled black circle indicates an end state.

This diagram show steps how to take appointment

Start from register then login etc.

the basic point is check the availability .

Chapter 2:

2.1 ER diagram .

An **entity–relationship model (ER model)** for short) describes interrelated things of interest in a specific domain of knowledge. A basic ER model is composed of entity types (which classify the things of interest) and specifies relationships that can exist between instances of those entity types.

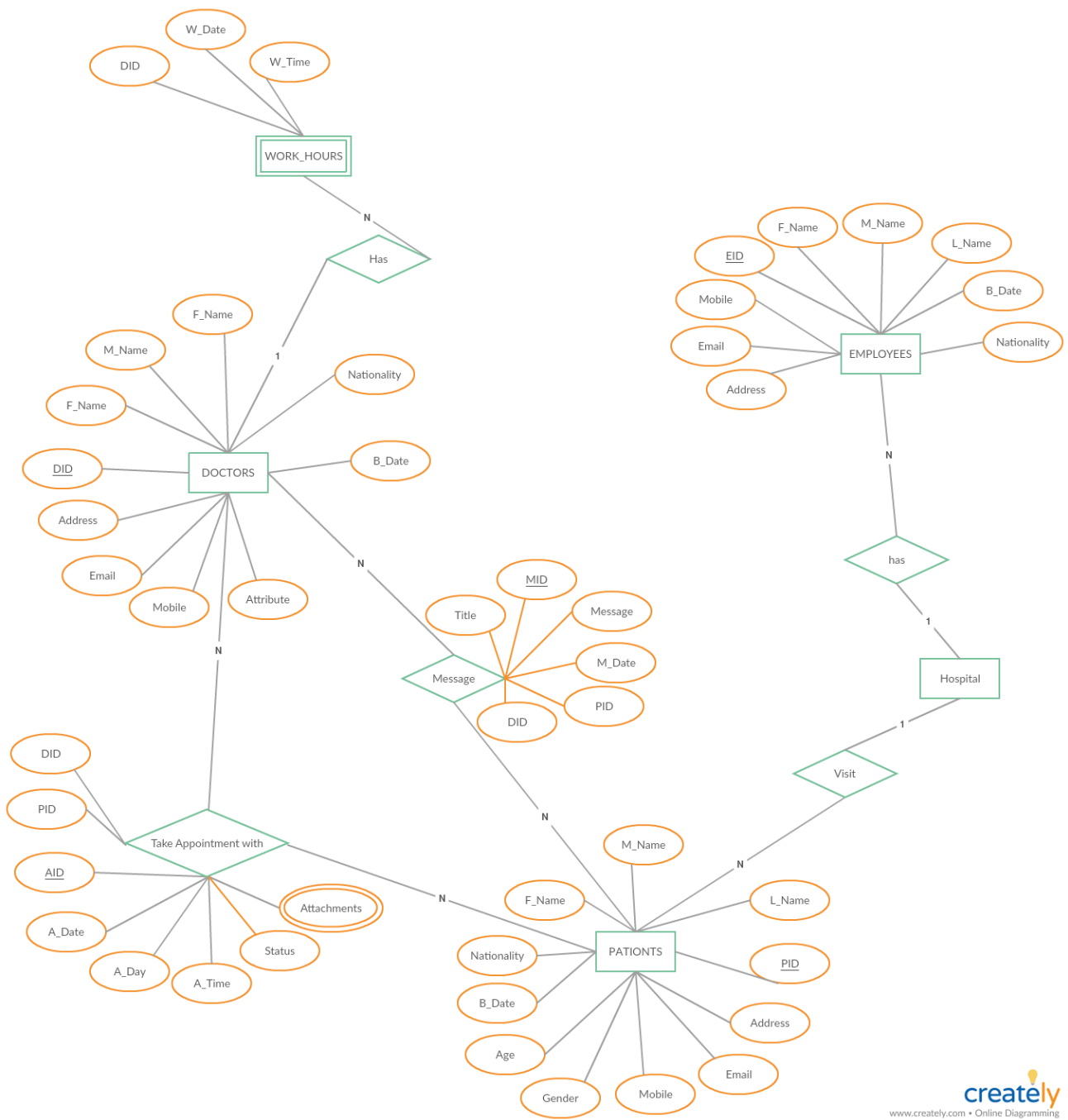


Figure 6ER diagram

2.2 Databases

APPOINTMENTS - Table ×

Table Name: Schema: **mydb**

Collation: Engine:

Comments:

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
AID	VARCHAR(10)	☒	☒	☐	☐	☐	☐	☐	☐	
PID	VARCHAR(10)	☐	☒	☐	☐	☐	☐	☐	☐	
DID	VARCHAR(10)	☐	☒	☐	☐	☐	☐	☐	☐	
A_Day	VARCHAR(10)	☐	☒	☐	☐	☐	☐	☐	☐	
A_Date	DATE	☐	☒	☐	☐	☐	☐	☐	☐	
A_Time	TIME(6)	☐	☒	☐	☐	☐	☐	☐	☐	
Status	VARCHAR(10)	☐	☒	☐	☐	☐	☐	☐	☐	
Attachments	VARCHAR(500)	☐	☒	☐	☐	☐	☐	☐	☐	

Table 1 Appointments

DOCTORS - Table ×

Table Name: Schema: **mydb**

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
DID	VARCHAR(10)	☒	☒	☐	☐	☐	☐	☐	☐	
F_Name	VARCHAR(20)	☐	☒	☐	☐	☐	☐	☐	☐	
M_Name	VARCHAR(20)	☐	☒	☐	☐	☐	☐	☐	☐	
L_Name	VARCHAR(20)	☐	☒	☐	☐	☐	☐	☐	☐	
Nationality	VARCHAR(20)	☐	☒	☐	☐	☐	☐	☐	☐	
B_Date	DATE	☐	☒	☐	☐	☐	☐	☐	☐	
Age	INT	☐	☒	☐	☐	☐	☐	☐	☐	
Mobile	VARCHAR(10)	☐	☒	☐	☐	☐	☐	☐	☐	
Email	VARCHAR(50)	☐	☒	☐	☐	☐	☐	☐	☐	
Address	VARCHAR(100)	☐	☒	☐	☐	☐	☐	☐	☐	

Table 2 DOCTOR

PATIENTS - Table ×

Table Name: Schema: **mydb**

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
PID	VARCHAR(10)	☒	☒	☐	☐	☐	☐	☐	☐	
F_Name	VARCHAR(20)	☐	☒	☐	☐	☐	☐	☐	☐	
M_Name	VARCHAR(20)	☐	☒	☐	☐	☐	☐	☐	☐	
L_Name	VARCHAR(20)	☐	☒	☐	☐	☐	☐	☐	☐	
Nationality	VARCHAR(20)	☐	☒	☐	☐	☐	☐	☐	☐	
B_Date	DATE	☐	☒	☐	☐	☐	☐	☐	☐	
Age	INT	☐	☒	☐	☐	☐	☐	☐	☐	
Gender	VARCHAR(6)	☐	☒	☐	☐	☐	☐	☐	☐	
Mobile	VARCHAR(10)	☐	☒	☐	☐	☐	☐	☐	☐	
Email	VARCHAR(50)	☐	☒	☐	☐	☐	☐	☐	☐	
Address	VARCHAR(100)	☐	☒	☐	☐	☐	☐	☐	☐	

Table 3 PATIENTS

EMPLOYEES - Table										
Table Name:		Schema: mydb								
Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
EID	VARCHAR(10)	☒	☒	☐	☐	☐	☐	☐	☐	
F_Name	VARCHAR(10)	☐	☒	☐	☐	☐	☐	☐	☐	
M_Name	VARCHAR(10)	☐	☒	☐	☐	☐	☐	☐	☐	
L_Name	VARCHAR(10)	☐	☒	☐	☐	☐	☐	☐	☐	
B_Date	DATE	☐	☒	☐	☐	☐	☐	☐	☐	
Nationality	INT	☐	☒	☐	☐	☐	☐	☐	☐	
Mobile	VARCHAR(10)	☐	☒	☐	☐	☐	☐	☐	☐	
Email	VARCHAR(50)	☐	☒	☐	☐	☐	☐	☐	☐	
Address	VARCHAR(100)	☐	☒	☐	☐	☐	☐	☐	☐	

Table 4EMPLOYEES

MESSAGES - Table										
Table Name: MESSAGES		Schema: mydb								
Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
MID	VARCHAR(10)	☒	☒	☐	☐	☐	☐	☐	☐	
PID	VARCHAR(10)	☐	☒	☐	☐	☐	☐	☐	☐	
DID	VARCHAR(10)	☐	☒	☐	☐	☐	☐	☐	☐	
M_Title	VARCHAR(45)	☐	☒	☐	☐	☐	☐	☐	☐	
Message	VARCHAR(1000)	☐	☒	☐	☐	☐	☐	☐	☐	
M_Deat	TIMESTAMP(15)	☐	☒	☐	☐	☐	☐	☐	☐	

Table 5 MESSAGES

WORK_HOURS - Table										
Table Name: WORK_HOURS		Schema: mydb								
Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
DID	VARCHAR(10)	☐	☒	☐	☐	☐	☐	☐	☐	
W_Date	DATE	☐	☒	☐	☐	☐	☐	☐	☐	
W_Time	TIME(6)	☐	☒	☐	☐	☐	☐	☐	☐	

Table 6WORK HOURS

Chapter 3 .

3.1 DFD diagram

A data flow is a single piece of data (e.g., quantity available) (sometimes called a data element), or a logical collection of several pieces of information (e.g., new chemical request). Every data flow should be named with a noun. The description of a data flow lists exactly what data elements the flow contains. For example, the pick-up notice data flow can list the LCA name, chemical, and quantity requested as its data elements. Data flows are the glue that holds the processes together. One end of every data flow will always come from or go to a process, with the arrow showing the direction into or out of the process. Data flows show what inputs go into each process and what outputs each process produces. Every process must create at least one output data flow, because if there is no output, the process does not do anything. Likewise, each process has at least one input data flow, because it is difficult, if not impossible, to produce an output with no input. There are four symbols in the DFD language (processes, data flows, data stores, and external entities), each of which is represented by a different graphic symbol.

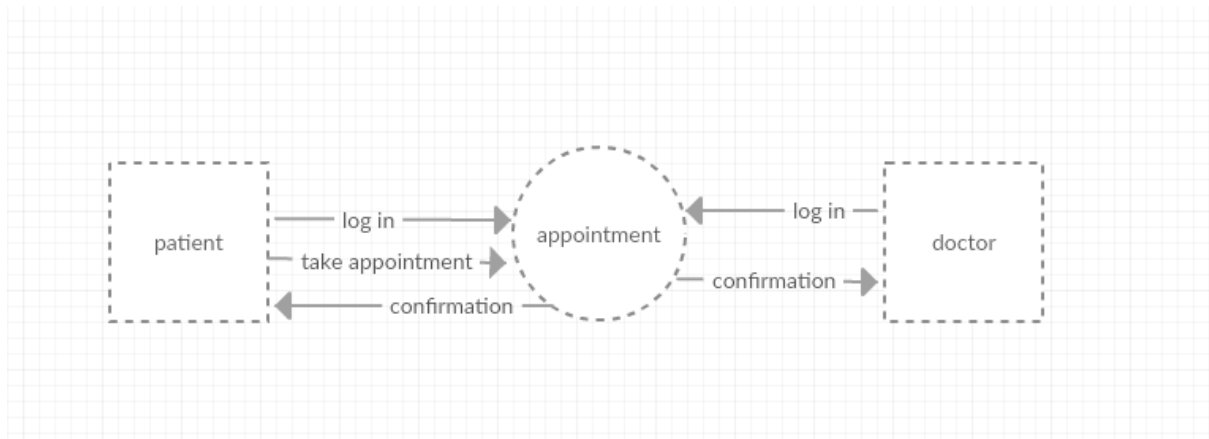


Figure 7DFD diagram

Chapter 4 .

4.system Design

4.1 Description of procedures and function

Log in :

```

<!DOCTYPE html>
<html lang="AR">
<head>
  <title>تسجيل الدخول</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

  <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
  <style>
    ::placeholder {
      color:#21aac4;}

  </style>
  <link rel="stylesheet" href="css/open-iconic-bootstrap.min.css">
  <link rel="stylesheet" href="css/animate.css">

  <link rel="stylesheet" href="css/owl.carousel.min.css">
  <link rel="stylesheet" href="css/owl.theme.default.min.css">
  <link rel="stylesheet" href="css/magnific-popup.css">

  <link rel="stylesheet" href="css/aos.css">

  <link rel="stylesheet" href="css/ionicons.min.css">

  <link rel="stylesheet" href="css/bootstrap-datepicker.css">
  <link rel="stylesheet" href="css/jquery.timepicker.css">

```

```

<link rel="stylesheet" href="css/flaticon.css">
<link rel="stylesheet" href="css/icomoon.css">
<link rel="stylesheet" href="css/style.css">
<link href="style.css" type="text/css" rel="stylesheet">
</head>

<body style="height:100%;; ">

    <div style="width: 100%; text-align: left; height: 60px; margin-bottom: 0px">
        
        <form class="example" style="margin-top: 20px;" action="action_page.php">
            <input type="text" placeholder="Search.." name="search" class="seinput" style="width: 30%; margin-top: 10px; border-right: none; border-radius: 0px; margin-bottom: 0px; margin-left: 5%;">
            <button class="sbutton" type="submit"><i class="fa fa-search"></i></button>
        </form>
        
    </div>

    <div class="topnav" id="myTopnav">
        <a href="Home.html">الصفحة الرئيسية</a>
        <a href="Services.html">التوعية الصحية</a>
        <a href="About.html">عن المستشفى</a>
        <a href="Staff.html">الطاقم الطبي</a>
        <a class="active" href="Login.html">تسجيل الدخول</a>
        <a href="javascript:void(0);" class="icon" onclick="myFunction()">
            <i class="fa fa-bars"></i>
        </a>
    </div>

<br><br>

    <div class="tab">
        <button class="tablinks" onclick="openCity(event, 'up')"><i class="fa fa-user-plus" aria-hidden="true"></i> &nbsp; تسجيل جديد</button>
        <button class="tablinks" onclick="openCity(event, 'plog')"><i class="fa fa-users" aria-hidden="true"></i> &nbsp; تسجيل دخول</button>
    </div>

    <div id="up" class="tabcontent" dir="rtl">
        <div class="row mb-5">
            <div class="col-md-10">
                <form action="/action_page.php">
                    <div class="container1">
                        <center>
                            <input type="text" placeholder="الاسم الأول " name=" fname" required>

                            <input type="text" placeholder="الاسم الثاني " name=" mname" required>

                            <input type="text" placeholder="الاسم الأخير " name=" lname" required>

                            <input type="text" placeholder="الجنسية " name=" nationality" required><br>

```

```
<label style="color:#21aac4;">تاريخ الميلاد: </label>
<input type="date" placeholder=" تاريخ الميلاد " name=" bdate" required><br><br>

<input type="radio" placeholder="الجنس" name="gender" value="Male" required>&nbsp;<label
style="color:#21aac4;">ذكر</label>
&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~
<input type="radio" placeholder="الجنس" name="gender" value="Female" required>&nbsp;<label
style="color:#21aac4;">أنثى</label>
<br>
<input type="text" placeholder="رقم الجوال" name="phone" required>

<input type="text" placeholder=" البريد الالكتروني" name="email" required>

<input type="password" placeholder=" كلمة المرور" name="psw" required>

<input type="password" placeholder="إعادة كلمة المرور" name="psw-repeat" required>
<hr>
<p><a href="#">سياسة الخصوصية و الاستخدام</a>. </p>
عند الضغط على زر تسجيل فإنك توافق على<

    <button type="submit" class="registerbtn">تسجيل</button>
</center>
</div>
</form>
</div>
</div>
</div>
```

```

<br><br>

<script>
function openCity(evt, cityName) {
var i, tabcontent, tablinks;
tabcontent = document.getElementsByClassName("tabcontent");
for (i = 0; i < tabcontent.length; i++) {
    tabcontent[i].style.display = "none";
}
tablinks = document.getElementsByClassName("tablinks");
for (i = 0; i < tablinks.length; i++) {
    tablinks[i].className = tablinks[i].className.replace(" active", "");
}
document.getElementById(cityName).style.display = "block";
evt.currentTarget.className += " active";
}

var myIndex = 0;
carousel();

function carousel() {
var i;
var x = document.getElementsByClassName("mySlides");
for (i = 0; i < x.length; i++) {
    x[i].style.display = "none";
}
myIndex++;
if (myIndex > x.length) {myIndex = 1}
x[myIndex-1].style.display = "block";
setTimeout(carousel, 5000); // Change image every 2 seconds
}

function myFunction() {
var x = document.getElementById("myTopnav");
if (x.className === "topnav") {
    x.className += " responsive";
} else {
    x.className = "topnav";
}
}
</script>
</div>
<footer dir="rtl" class="ftco-footer ftco-section" style="padding: 2%; padding-top: 7%; background-color: #2cbcbc">
<div class="container">
<div class="row mb-5">
<div class="col-md-4">
<div class="ftco-footer-widget mb-4">
<h2 class="ftco-heading-2">مستشفى الزلفي لطب الفم و جراحة الأسنان</h2>
<p>حيث الخدمات الأفضل و الأجود</p>
</div>
<ul class="ftco-footer-social list-unstyled float-md-left float-lft ">
<li class="ftco-animate"><a href="#"><span class="icon-twitter"></span></a></li>

```

```

<li class="ftco-animate"><a href="#"><span class="icon-facebook"></span></a></li>
<li class="ftco-animate"><a href="#"><span class="icon-instagram"></span></a></li>
</ul>
</div>
<div class="col-md-4">
<div class="ftco-footer-widget mb-4 ml-md-5">
<ul class="list-unstyled">
<li><a href="About.html" class="py-2 d-block">عن المستشفى</a></li>
<li><a href="Services.html" class="py-2 d-block">التوعية الصحية</a></li>
<li><a href="Login.html" class="py-2 d-block">تسجيل الدخول</a></li>
<li><a href="Contact.html" class="py-2 d-block">تواصل معنا</a></li>
</ul>
</div>
</div>

<div class="col-md-4">
<div class="ftco-footer-widget mb-4">
<h2 class="ftco-heading-2">المركز</h2>
<div class="block-23 mb-3">
<ul>
<li><span class="icon icon-map-marker"></span><span class="text"><a href="https://goo.gl/maps/zpXUFdgPNnu">مركز طب وجراحة الفم والأسنان بمستشفى الزلفي العام</a></span></li>
As Salam, ،، السلامAz Zilfi 15972 </a></span></li>
<li><a href="#"></a><span class="icon icon-phone"></span><span class="text" dir="ltr">016 422 3458</span></a></li>
<li><a href="mailto:info@Zulfi.com"><span class="icon icon-envelope"></span><span class="text">info@Zulfi.com</span></a></li>
<li><a href="https://twitter.com/zgh6917"><span class="icon icon-twitter"></span><span class="text">مستشفى الزلفي</span></a></li>
</ul>
</div>
</div>
</div>

</div>
</footer>
<footer>
<center>
<hr width=70% >
<script>
var today = new Date();
document.write(today);
</script>
<h4 style="font-family:'Segoe UI Black'; "> All copy Right saved &copy; 2018</h4>
</center>
<br><br>

</footer>
</body>
</html>

```

4.2 Hardware requirements:

server

4.3 Software requirements:

Apache

Windows server

Dream weaver

Chapter 5 .

5. Implementation and Testing

5.1 Introduction

in this chapter viewed Procedures ,
, Reports ,User of database, Mark of ,database, layout, Report Layouts .

5.2 Procedures .

in the website we have so many Procedures linked together and also all of them is important and complete each other ,
the main Procedure in the website and the goal of it is the ability (Appointment Booking)

5.3 Reports:

This Report takes form database SQL server XAMPP

5.4 User of database:



password	address	email	mobile	gender	age	b_date	nationality	l_name	m_name	f_name	pid	
0987	Hind bint Rabia	0987	987654321	Female	16	1999-02-03	المملكة العربية السعودية	d	fahad	mona	0987	حذف تعديل
12344321	riyadh wafaf44@hotmail.com	987654321		Male	17	2005-03-31	saudi	saleh	fahad muhammed		123456789	حذف تعديل
11	ff	ff	0666666	Male	44	2018-02-19	سعودي	عبد الله	محمد	أحمد	444	حذف تعديل
09876	9989	6767	56789056	Male	27	2000-07-01	المملكة العربية السعودية	kjnkj	kjnj	jkh	989	حذف تعديل

employees patients working_hours information_schema mysql performance_schema phpmyadmin test

5.5 Mark of database:

الحمل الزائد	الحجم	Collation	التنوع	صفوف	العملية	الجدول							
-	16 كيلوبايت	utf8_general_ci	InnoDB	2	مسطح	إدخال	إخراج	إبحث	إبحث	إبحث	إبحث	apointments	
-	16 كيلوبايت	utf8_general_ci	InnoDB	7	مسطح	إدخال	إخراج	إبحث	إبحث	إبحث	إبحث	doctors	
-	16 كيلوبايت	utf8_general_ci	InnoDB	1	مسطح	إدخال	إخراج	إبحث	إبحث	إبحث	إبحث	employees	
-	16 كيلوبايت	utf8_general_ci	InnoDB	4	مسطح	إدخال	إخراج	إبحث	إبحث	إبحث	إبحث	patients	
-	16 كيلوبايت	utf8_general_ci	InnoDB	0	مسطح	إدخال	إخراج	إبحث	إبحث	إبحث	إبحث	working_hours	

New

apointments

doctors

أعضاء

فهارس

employees

أعضاء

فهارس

patients

patients

working_hours

5.6 layout:

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SAUDI ARABIA

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مستشفى الزلفي

لطب الفم وجراحة الأسنان

المركز

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تسجيل الدخول
تواصل معنا

مستشفى الزلفي لطب الفم و جراحة الأسنان

حيث الخدمات الأمثل و الأجود

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صحة فم وأسنان المرأة الحامل

نبذة مختصرة :

- تحدث أثناء الحمل العديد من التغيرات الجسدية مما قد يؤثر في صحة الفم.
- تغير المعادلات الغذائية والتغيرات الهرمونية هي أكثر أسباب مشاكل الفم والأسنان شيوعاً أثناء الحمل.
- من أكثر مشاكل الفم والأسنان التي قد تحدث: التهاب اللثة، تآكل وتسوس الأسنان، أورام الحمل الحميدة في منطقة اللثة.
- يجب إخبار طبيب الأسنان عن الحمل قبل البدء بعمل أي إجراء.
- يجب الحرص على العناية بالأسنان أثناء الحمل أكثر من أي وقت.

مقدمة :

الحمل هو فترة فريدة من حياة المرأة، حيث يحدث فيها العديد من التغيرات الجسدية مما قد يؤثر في صحة الفم، وفي الوقت نفسه تعد صحة الفم والأسنان هي المفتاح لصحة بشكل عام، حيث إن الوقاية والتشخيص والملاج تضر ممارسات آمنة ومثالية لتحسين صحة المرأة الحامل، بالإضافة إلى أنها مهمة لصحة الجنين أيضاً.



تم إنشاء مركز طب و جراحة الأسنان بمستشفى الزلفي في عام ١٤٣١ هـ. ويحتوي المركز على مجموعة من العيادات التخصصية و عددها ٤ بالإضافة لموالتين علميتين لتتخصص و علاج مشاكل الأسنان كما يحوي المركز على معمل أسنان لعمل تركيبات الأسنان المتحركة و الثابتة ، كذلك يوجد غرفة تمقيم متكاملة لتتقيم الأدوات المستخدمة و غرف انتظار نساء و أخرى للرجال تحتوي على شاشة عرض توعوية



د. محمد عزت
أخصائي تركيب الأسنان



د. شيف شيروما
أخصائي جراحة الفم



د. بنر الدين يازمي
أخصائي طب أسنان الأطفال



د. ليلا فاني
أخصائية بطور و أخصاب الأسنان



د. خالد البلوي



د. عبد العزيز العصيمي



د. أبو بكر الناصر

تسجيل جديد

تسجيل دخول

مرضى
مرضى
مكتوب
موظف

دخول

4.7 Report Layouts:

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Search..

الرئيسية | التوعية الصحية | عن المستشفى | الطاقم الطبي | تسجيل الدخول

تسجيل دخول

رقم الهوية

الاسم الأول

الاسم الثاني

الاسم الأخير

الجنسية

in this interface we create account (patient , doctor , employee)
the information we should write user ,email and password .. etc after the user write this information,
will the Account successfully added.

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الرئيسية | التوعية الصحية | عن المستشفى | الطاقم الطبي | تسجيل الخروج | المواعيد

إضافة موعد | حذف موعد

مواعيدي

التاريخ	الوقت	الطبيب	الحالة
2019-03-04	12:00 - 11:30	د. محمد عزت	مؤكد
2019-03-01	14:30 - 14:00	د. محمد عزت	مؤكد

حذف | حذف

Patient interface after login show us the service to add appointment or cancel it.

مواعيدي

لا توجد مواعيد اليوم

المركز	عن المستشفى	مستشفى الزلفي لطب الفم و جراحة الأسنان
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Doctor interface after login show us the service see if there is appointment or not .

إدراج مواعيد الأسبوع

مواعيد اليوم

لا توجد مواعيد

المركز	عن المستشفى	مستشفى الزلفي لطب الفم و جراحة الأسنان
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Employee interface after login show us the service and the ability to add appointment depend on doctor days and hours work .

Chapter 6 .

6. Conclusion and Future Work

6.1 Conclusion:

generally this website very important in any work environment especially hospitals , because of the needed to organize the appointments and times work , also to get connection way between doctors and patients, and the main service in the website is booking appointment and cancel it any time , , also this website help employee to edit all the information and viewed it easy way , whit save the time and papers .

6. 2Future Work:

the website need more work to be more efficiency , also we need more privacy and development and protect the database , in the future we should add more services , admin page , profile page for the doctors and patients , also page to vote for doctors after the appointment depends on patients opinion and his notes , also Appointment reminder service , also live chat between the patients and doctors program application for ios and android system

Reference

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- 2- James E Rumbaugh,Ivar Jacobson, Grady Booch.(2004). Unified Modeling Language Reference Manual, The (2nd Edition). Pearson Higher Education.
- 3-Wikipedia. November 2016, from
https://en.wikipedia.org/wiki/Entity%E2%80%93relationship_model

Appendix

source code

```
<html lang="AR">
  <head>
    <title>الخدمات</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
      awesome.min.css">

    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
    <style>
      .mySlides {display:none;}
    </style>
    <link rel="stylesheet" href="css/open-iconic-bootstrap.min.css">
    <link rel="stylesheet" href="css/animate.css">

    <link rel="stylesheet" href="css/owl.carousel.min.css">
    <link rel="stylesheet" href="css/owl.theme.default.min.css">
    <link rel="stylesheet" href="css/magnific-popup.css">

    <link rel="stylesheet" href="css/aos.css">

    <link rel="stylesheet" href="css/ionicons.min.css">

    <link rel="stylesheet" href="css/bootstrap-datepicker.css">
    <link rel="stylesheet" href="css/jquery.timepicker.css">

    <link rel="stylesheet" href="css/flaticon.css">
    <link rel="stylesheet" href="css/icomoon.css">
    <link rel="stylesheet" href="css/style.css">
    <link href="style.css" type="text/css" rel="stylesheet">
  </head>

  <body style="height:100%;">

    <div style="width: 100%; text-align: left; height: 60px; margin-bottom: 0px">
    
    <form class="example" style="margin-top: 20px;" action="action_page.php">
    <input type="text" placeholder="Search.." name="search" class="seinput" style="width: 30%;
      margin-top: 10px; border-right: none;
      border-radius: 0px; margin-bottom: 0px; margin-left: 5%;">
    <button class="sbutton" type="submit"><i class="fa fa-search"></i></button>
    </form>
    
    </div>

    <div class="topnav" id="myTopnav">
    <a href="Home.html">الصفحة الرئيسية</a>
    <a class="active" href="Services.html">التوعية الصحية</a>
```

```
<a href="About.html">عن المستشفى</a>
<a href="Staff.html">الطاقم الطبي</a>
<a href="Login.html">تسجيل الدخول</a>
<a href="javascript:void(0);" class="icon" onclick="myFunction()">
  <i class="fa fa-bars"></i>
</a>
</div>
```