

Kingdom of Saudi Arabia
Ministry Of Higher Education
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المملكة العربية السعودية
وزارة التعليم
جامعة المجمعة
كلية العلوم
قسم علوم الحاسب والمعلومات

Graduation project

حر

"لخدمات تقنية المعلومات"



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Chapter1:

۱.۱ Abstract

Through this project you can request any service you want in the field of information technology easily and easily from people specializing in information technology.

Provide Work for people who have Specialists in IT and want to earn through their work and study by presenting their marketing work and connecting them to customers.

Website Services Including:

- 1- Design
- 2- programming
- 3- Database
- 4- Software Engineering
- 5- Technical Support
- 6- Education
- 7- Training

1.2 The problem statements:

Difficult to find on the service

Difficulty finding the best services.

Difficulty providing warranty after service cover.

1.3 The method :

A website that makes it easy to get an IT service easily by connecting the user to the required service provider directly and directly.

1.4 The expected results:

- ١- Ease of service.
- ٢- Saving time.
- ٣- Taking customer opinions into services.
- ٤- Providing the best services.
- 5- save money.
- 6- Provision of business comparison services.

1.5 Problem Definition:

- 1. Difficulty finding services at a convenient price.
- 2. Difficulty choosing quality of service levels.
- 3. Difficulty comparing services provided by institutions.
- 4. Difficulty finding a suitable service.

1.6 Project Aims (Objectives):

- 1- Providing job opportunities.
- ٢- time saving.
- 3- provision of effort.
- ٤- Reduce cost.
- 5- work at any time I want the person.
- ٦- Encouraging work.
- 7- Encouraging learning and training in the field of information technology.
- 8- Ease of access to the service.
- 9- Ease of service.

1.7 literature review:

- 1- www.freelancer.com
- 2- www.mostaql.com
- 3- www.khamsat.com
- 4- www.bahr.910ths.sa



1.7.1 freelancer www.freelancer.com

“Hire freelance programmers, web developers, designers, writers, data entry & more at a fraction of the cost on the World's Largest Outsourcing Marketplace”.

Advantages:

- 1- There are three levels of service Standard Project(Free).
- 2- Your project will go live instantly; quotes will come in within minutes.
- 3- One of our experts will find and recommend the perfect freelancer for your job, saving you time.
- 4- The best experience for new users or those short on time.

Optional Upgrades

	Standard Project Your project will go live instantly, quotes will come in within minutes.	Free
	Recruiter Project RECOMMENDED One of our experts will find and recommend the perfect freelancer for your job, saving you time. The best experience for new users or those short on time.	\$19.00
	Advanced You can optionally select some upgrades to get the best results.	

Disadvantages:

- 1- Does not support Arabic: Therefore, people who do not speak. Arabic cannot use the site.
- 2- Your service provider is not present to you.
- 3- It is not in Saudi Arabia.



1.7.2 مستقل www.mostaql.com

Independent is an Arab platform that allows entrepreneurs and companies to contract with independent professionals to do their work, while at the same time allowing professional independents a place to find projects they work on and earn through them.

In a stand-alone platform you can add your own project such as creating a website or mobile application or even designing a logo and receiving offers from freelance professionals who are interested in working on it to compare offers and choose the best ones. Then you hire the best freelancer and follow up with you until the completion of your project. Best independents and offer them your project directly to work on it.

"يعمل مستقل على وصل الشركات وأصحاب المشاريع بأفضل المستقلين المحترفين لمساعدتهم على تنفيذ أفكارهم ومشاريعهم"

Advantages:

- 1- There Are Two levels of service. The type of service you want can be determined.
- 2- support Arabic. Which helps to accept it in the Arab world.

Disadvantages:

- 1- Do not know the identity of the person.
- 2- Your service provider is not present to you.
- 3- is not in Saudi Arabia.
- 4- Not IT Specialist. Includes many areas which distract the customer from services.
- 4- They do not have technical support services. It is the most important field in information technology.



1.7.3 خمسآت www.khamsat.com

"السوق العربي لبيع وشراء الخدمات المصغرة"

أنجز أعمالك أو قدّم خدمات للآخرين بدءاً من ٥ \$ فقط "

Advantages:

- 1- support Arabic.
- 2-The service does not provide, but the customer sees and requests it.

Disadvantages:

- 1- There are no any levels of service.
- 2- Do not know the identity of the person.
- 3-Your service provider is not present to you.
- 4- It is not in Saudi Arabia.
- 5- Not IT Specialist.
- 5- They do not have technical support services.
- 6- They do not have network services.



1.7.4 bahr.910ths.sa : تسعة اعشار

مستقلون محترفون لانجاز مشاريعك بسرعة و كفاءة"
"منصة تجمع المستقلين مع أصحاب العمل"

Advantages :

- 1- support Arabic.
- 2-is in Saudi Arabia.

Disadvantages :

- 1- There are no any levels of service.
- 2- know the identity of the person.
- 3-Your service provider is not present to you.
- 4- Not IT Specialist.

1.8 Advantages of the Website:

- 1- The program language will support the Arabic language to facilitate users' use of the program, especially those from the Arab and Islamic world.
- 2- The program will be built and hosted in the Kingdom of Saudi Arabia and addressed to the residents of All the world.
- 3- There will be three levels of quality of service, normal and excellent where the standard will be downloaded directly and you can get it, the excellent service we will manage, determine the right price and choose the right people.
- 4- There will be a clear price response to the service and set the price for the principle of transparency and that the customer is fully informed of the price.
- 5- Services will be dedicated to the IT sector and its services..
- 6- There will be ready-made services that the customer can request and receive.
- 7- The service provider can find out who the service provider is and what information he or she is providing.

1.9 Questionnaire summary

العمل الحر في تقنية المعلومات

1. Page 1

1. هل سبق وان استفدت من خدمات تقنية المعلومات						نسبة الإجابات	إجمالي الإجابات
1	نعم، من منشاه خاصة.					57.14%	8
2	نعم، من موقع على الانترنت.					42.86%	6
3	لا					0.00%	0
تحليل						تم الإجابة عليه	14
	متوسط	1.43	انحراف معياري	0.49	معدل الرضا	21.43	
	اختلاف	0.24	خطأ معياري	0.13			
						تم تخطيه	0

2. Page 2

2. هل تريد كسب المال من العمل الحر ؟						نسبة الإجابات	إجمالي الإجابات
1	موافق بشدة					100.00%	14
2	موافق					0.00%	0
3	موافق بحدود					0.00%	0
4	غير موافق					0.00%	0
تحليل						تم الإجابة عليه	14
	متوسط	1	انحراف معياري	0	معدل الرضا	0	
	اختلاف	0	خطأ معياري	0			
						تم تخطيه	0

3. ما رأيك بـ(فكرة) بالعمل الحر في تقنية المعلومات ؟

						نسبة الإجابات	إجمالي الإجابات
1	موافق					92.86%	13
2	موافق الى حد ما					7.14%	1
3	رافض					0.00%	0
4	رافض بشدة					0.00%	0
تحليل	متوسط:	1.07	انحراف معياري:	0.26	معدل الرضا	2.38	تم الإجابة عليه
	اختلاف:	0.07	خطأ معياري:	0.07			تم تخطيه

4. هل لديك مهنة في تقنية المعلومات يمكنك من خلالها ان تكسب المال من العمل الحر ؟							
						نسبة الإجابات	إجمالي الإجابات
1	نعم					85.71%	12
2	لا					14.29%	2
تحليل	متوسط:	1.14	انحراف معياري:	0.35	معدل الرضا	14.29	تم الإجابة عليه
	اختلاف:	0.12	خطأ معياري:	0.09			تم تخطيه

5. هل لديك الرغبة في تعلم خدمات في تقنية المعلومات يمكنك من خلالها كسب المال من الحر ؟							
						نسبة الإجابات	إجمالي الإجابات
1	موافق بشدة					28.57%	4
2	موافق					71.43%	10
3	موافق بحدود الوقت					0.00%	0
4	غير موافق					0.00%	0
تحليل	متوسط:	1.71	انحراف معياري:	0.45	معدل الرضا	23.81	تم الإجابة عليه
	اختلاف:	0.2	خطأ معياري:	0.12			تم تخطيه

6. ما رأيك بموقع يقوم بتقديم خدمات بتقنية المعلومات ويقبل متعاونين ؟

				نسبة الإجابات	إجمالي الإجابات			
1	مقبولة جدا			100.00%	13			
2	مقبولة			0.00%	0			
3	مقبولة بحدود			0.00%	0			
4	غير مقبولة			0.00%	0			
تحليل	متوسط:	1	انحراف معياري	0	معدل الرضا	0	تم الإجابة عليه	13
	اختلاف	0	خطأ معياري	0				
							تم تخطيه	1

7. اذكر بعض خدمات تقنية المعلومات التي سبق واستفدت منها ؟

				نسبة الإجابات	إجمالي الإجابات
1	سؤال مفتوح الإجابة			0.00%	0
لم يتم العثور على إجابات					
				تم الإجابة عليه	0
				تم تخطيه	14

8. إذا كنت تملك مهارات في تقنية المعلومات، هل ستقوم بتعليمها وتدريبها لمن يطلبها ؟

				نسبة الإجابات		إجمالي الإجابات	
1	موافق بشدة					83.33%	10
2	موافق					16.67%	2
3	موافق لكن بحدود وقت معين					0.00%	0
4	غير موافق					0.00%	0
تحليل متوسط: 1.17 انحراف معياري: 0.37 معدل الرضا: 5.56						تم الإجابة عليه	12

8. إذا كنت تملك مهارات في تقنية المعلومات، هل ستقوم بتعليمها وتدريبها لمن يطلبها ؟						إجمالي الإجابات	نسبة الإجابات
						2	تم تخطيه
اختلاف:	0.14	خطأ معياري	0.11				

9. ماتوقعاتك لابرز المصاعب التي ستواجه فكرة (العمل الحر في تقنية المعلومات) ؟			
			إجمالي الإجابات
			نسبة الإجابات
1	سؤال مفتوح الإجابة		100.00%
1	15/10/17 7:06AM ID: 65697528	لا أعلم	
2	15/10/17 7:09AM ID: 65697564	الاحباط	
			2
			تم الإجابة عليه
			تم تخطيه
			12

10. في حال اردت خدمة بتقنية المعلومات من ستطلبها ؟						
				نسبة الإجابات	إجمالي الإجابات	
1	من منشاه خاصة بسعر تكلفة عالي.				7.69%	1
2	من موقع اعمال حره ، بسعر بتكلفة منخفض.				92.31%	12
تحليل	متوسط	1.92	انحراف معياري	0.27	معدل الرضا	92.31
	اختلاف	0.07	خطأ معياري	0.07		
						</

11. إذا كنت تملك خدمات في تقنية المعلومات ويمكنك تقديمها اذكرها						إجمالي الإجابات	نسبة الإجابات
1	سؤال مفتوح الإجابة					1	100.00%

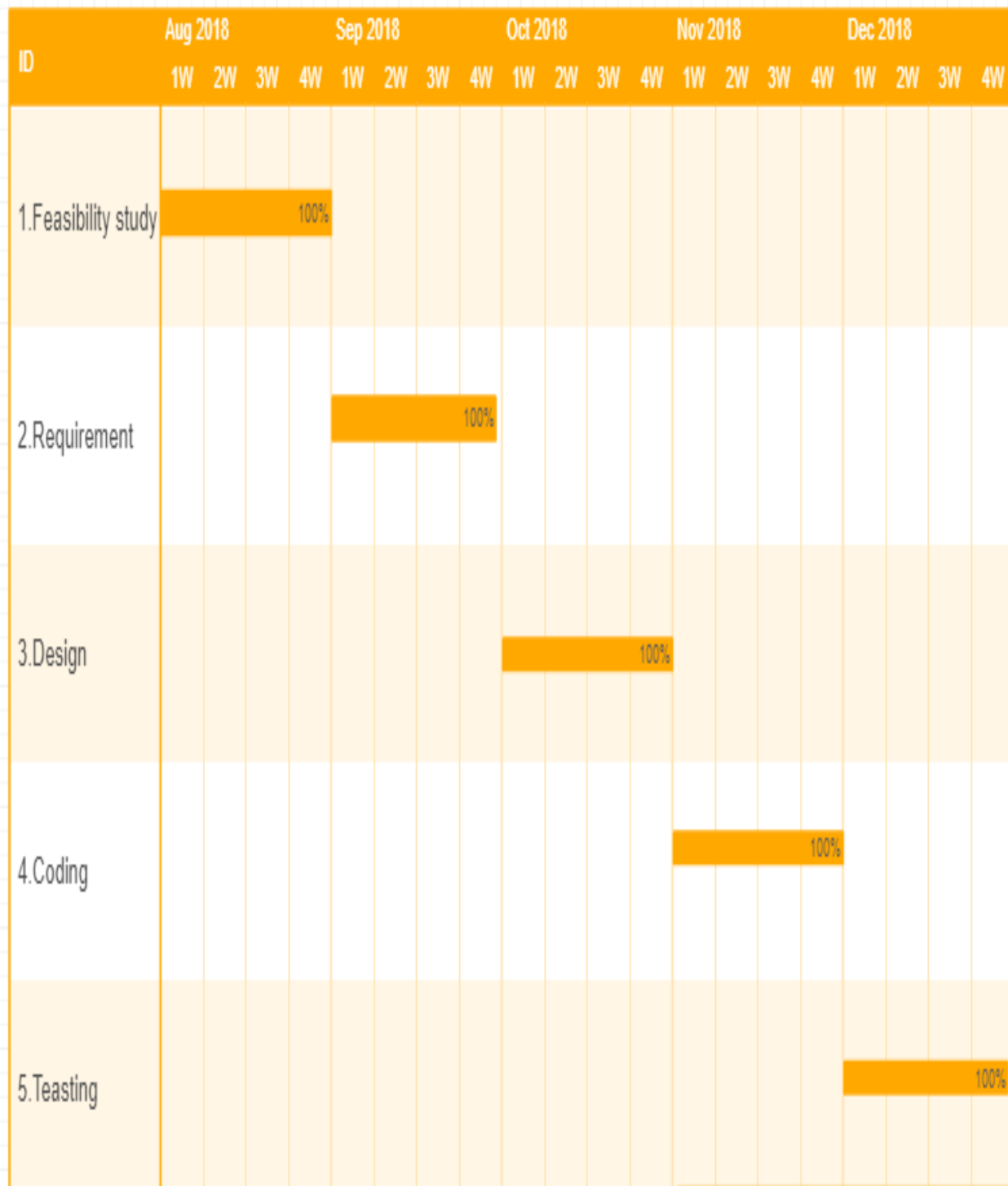
11. إذا كنت تملك خدمات في تقنية المعلومات ويمكنك تقديمها اذكرها

			نسبة الإجابات	إجمالي الإجابات
1	15/10/17 7:06AM ID: 65697528	لا يوجد		
			تم الإجابة عليه	1
			تم تخطيه	13

12. برأيك، ماهي أكثر خدمات تقنية المعلومات طلبا ؟

			نسبة الإجابات	إجمالي الإجابات
1	سؤال مفتوح الإجابة		100.00%	2
1	15/10/17 7:06AM ID: 65697528	لا أعلم		
2	15/10/17 7:09AM ID: 65697564	@ التسويق او الترفيه		
			تم الإجابة عليه	2
			تم تخطيه	12

1.10 Project Scheduling:

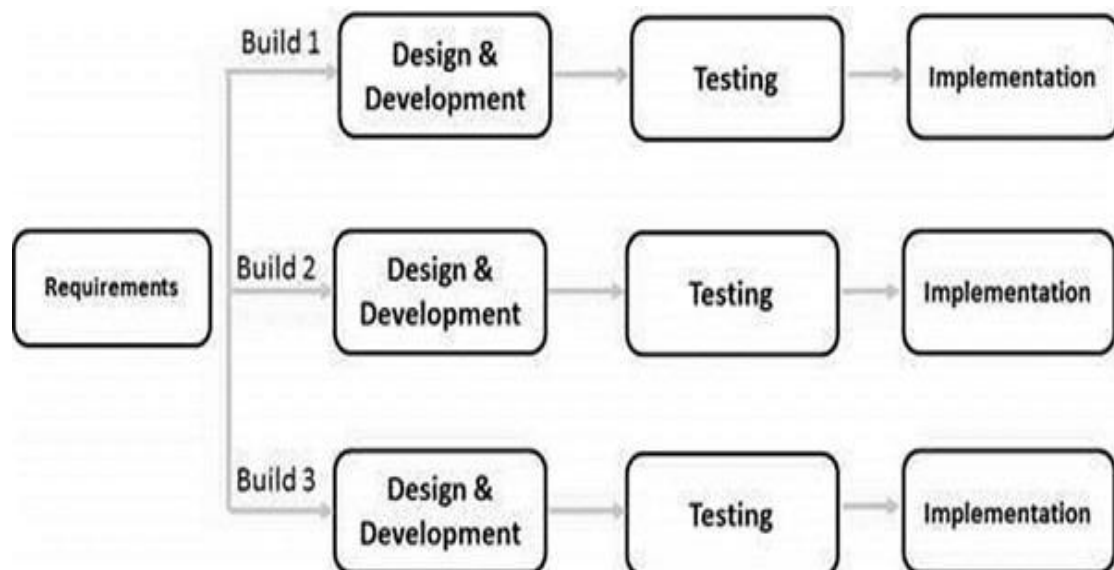


Chapter2:

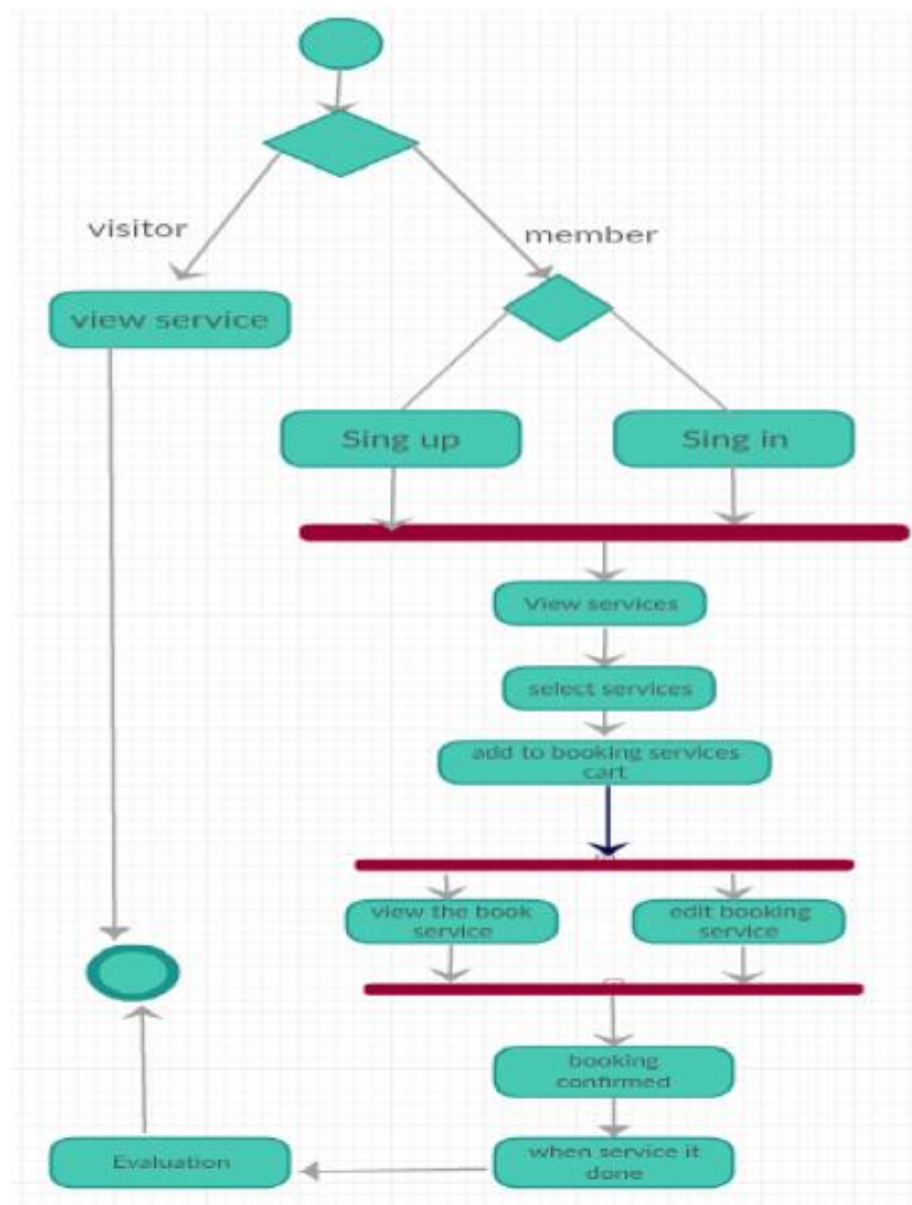
2.1 PROCESS MODEL :

We used the Iterative model because we will make changes and updates to the project, because our goal is to develop for the better.

An iterative live cycle model does not attempt to start with a full specification of requirements. Instead, development begins by specifying and implementing just part of the software, which can then be reviewed in order to identify further requirements. This process is then repeated, producing a new version of the software for each cycle of the model.



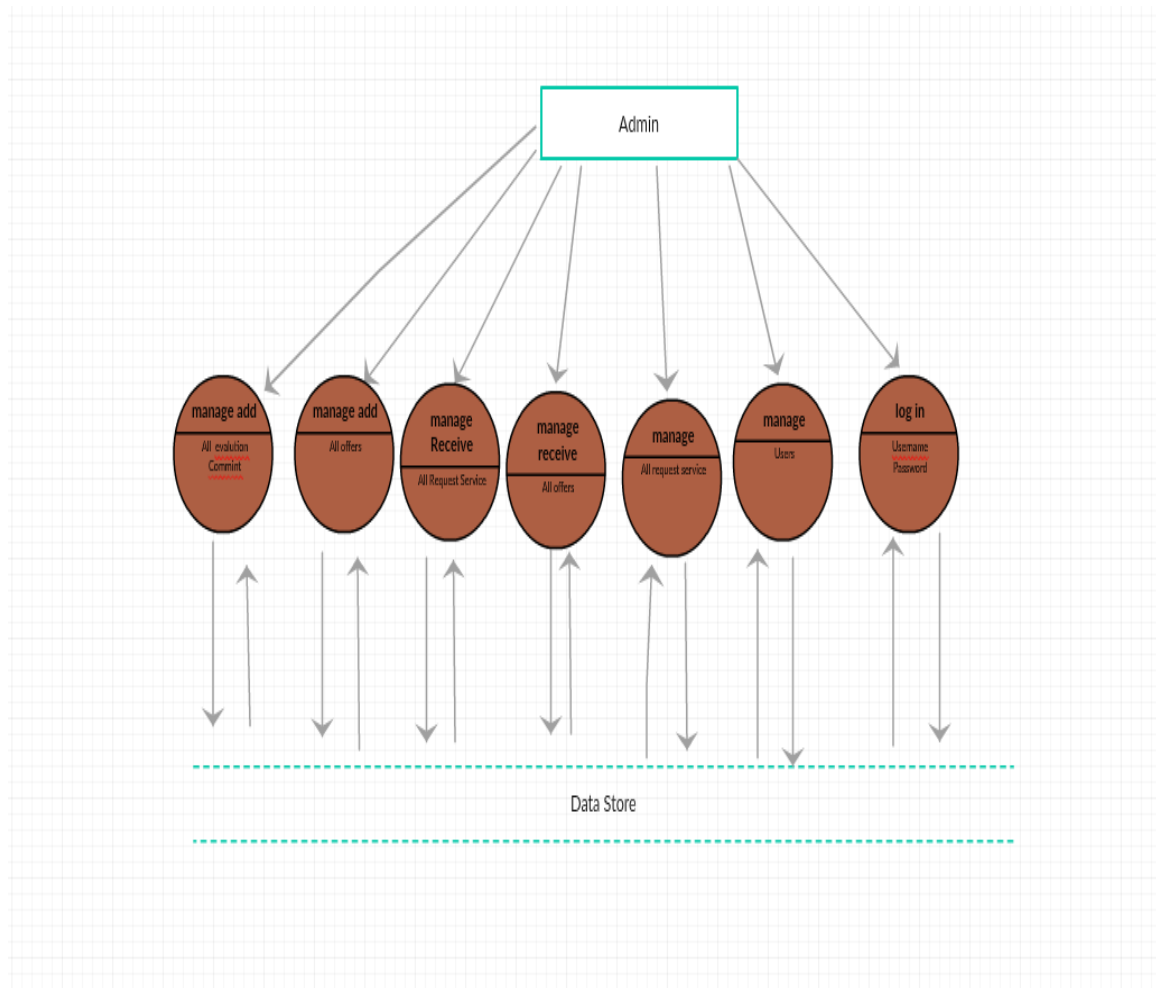
2.2 Activity diagram:



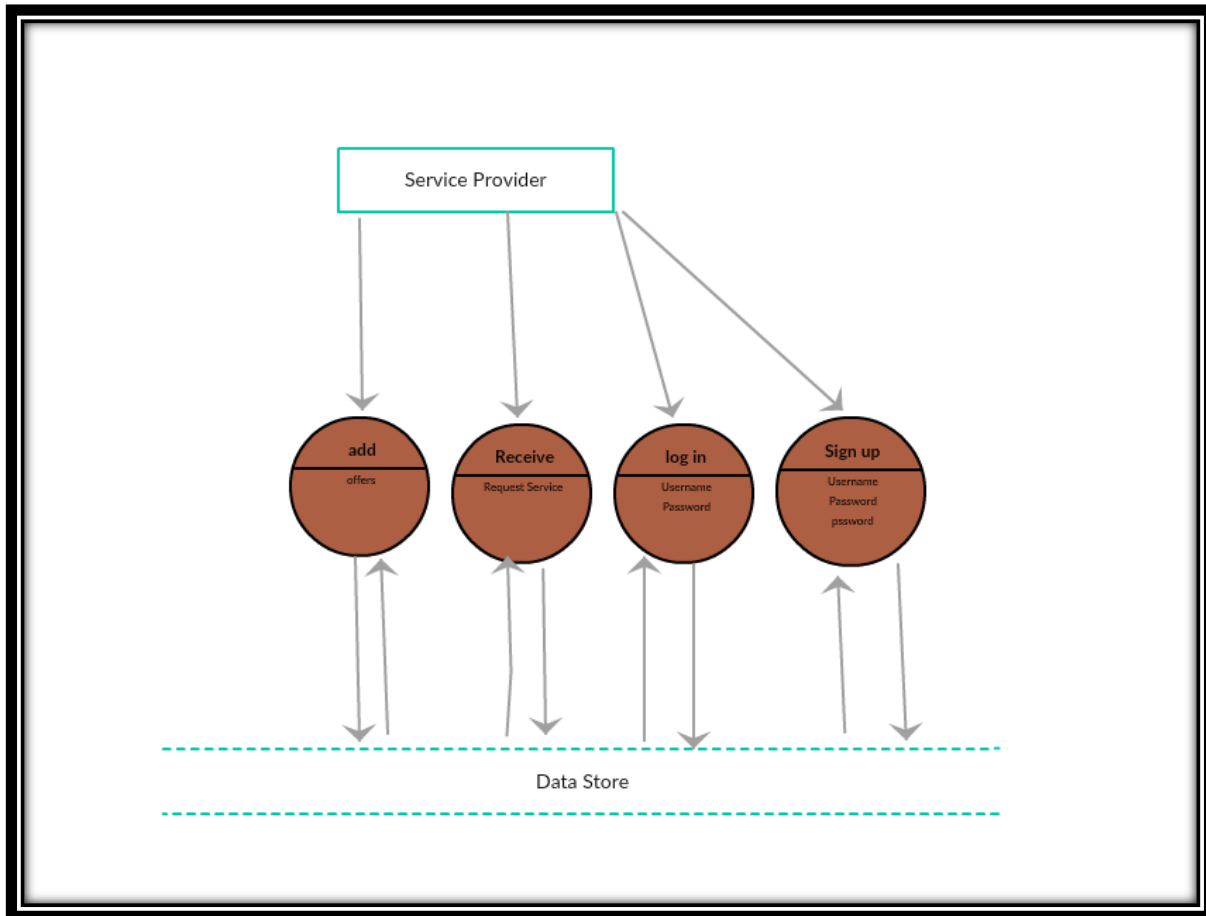
2.3 DFD:

A data flow diagram (DFD) illustrates how data is processed by a system in terms of inputs and outputs. As its name indicates its focus is on the flow of information, where data comes from, where it goes and how it gets stored.

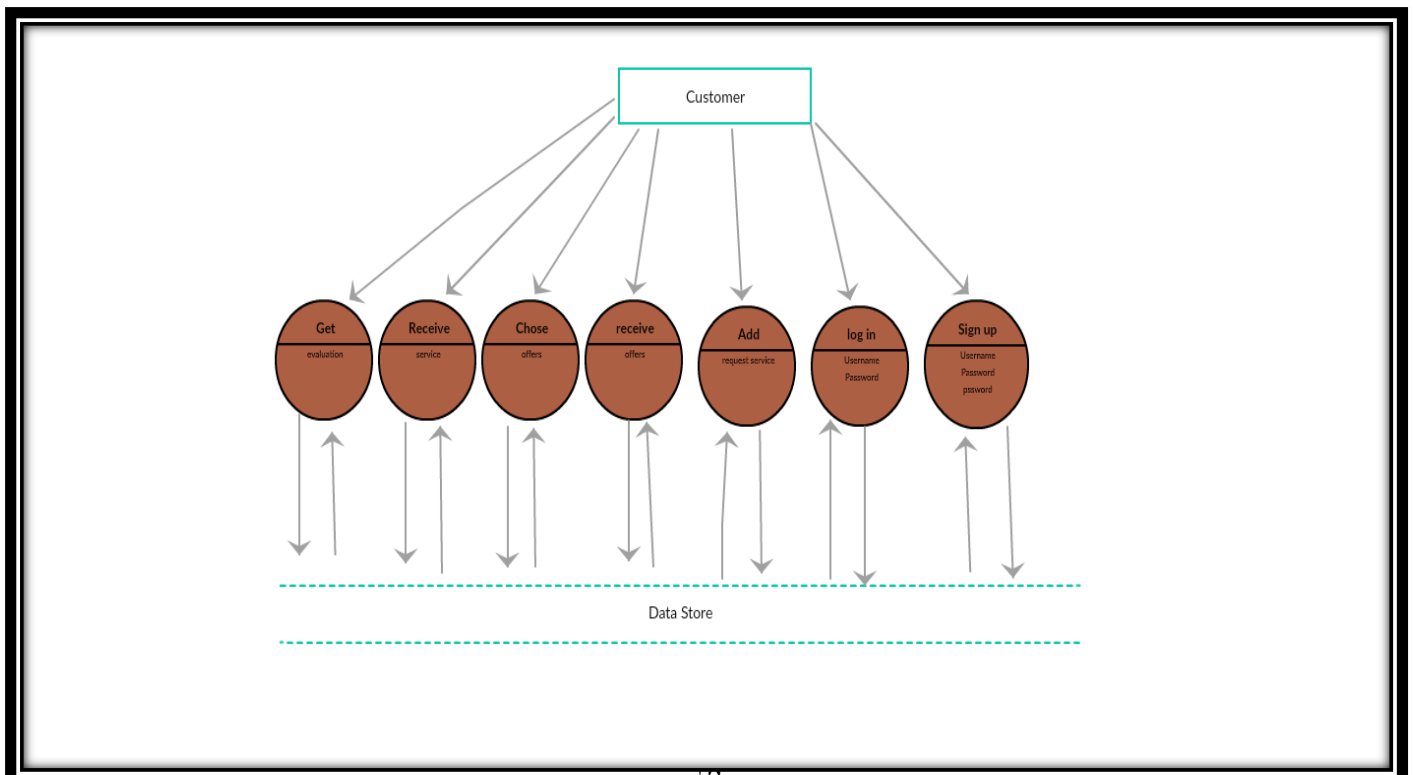
2.3.1 DFD for Admin:



2.3.3 DFD for Service provider :

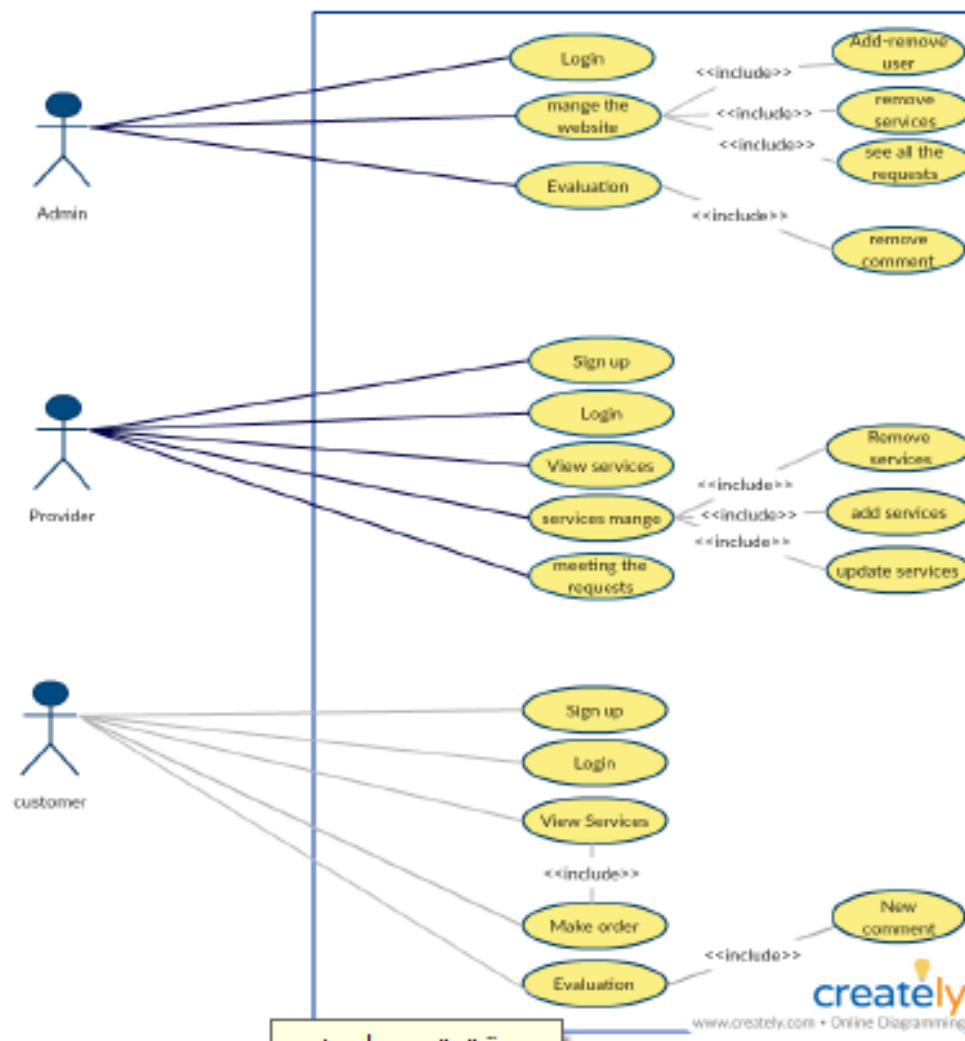


2.3.4 DFD for Customer:

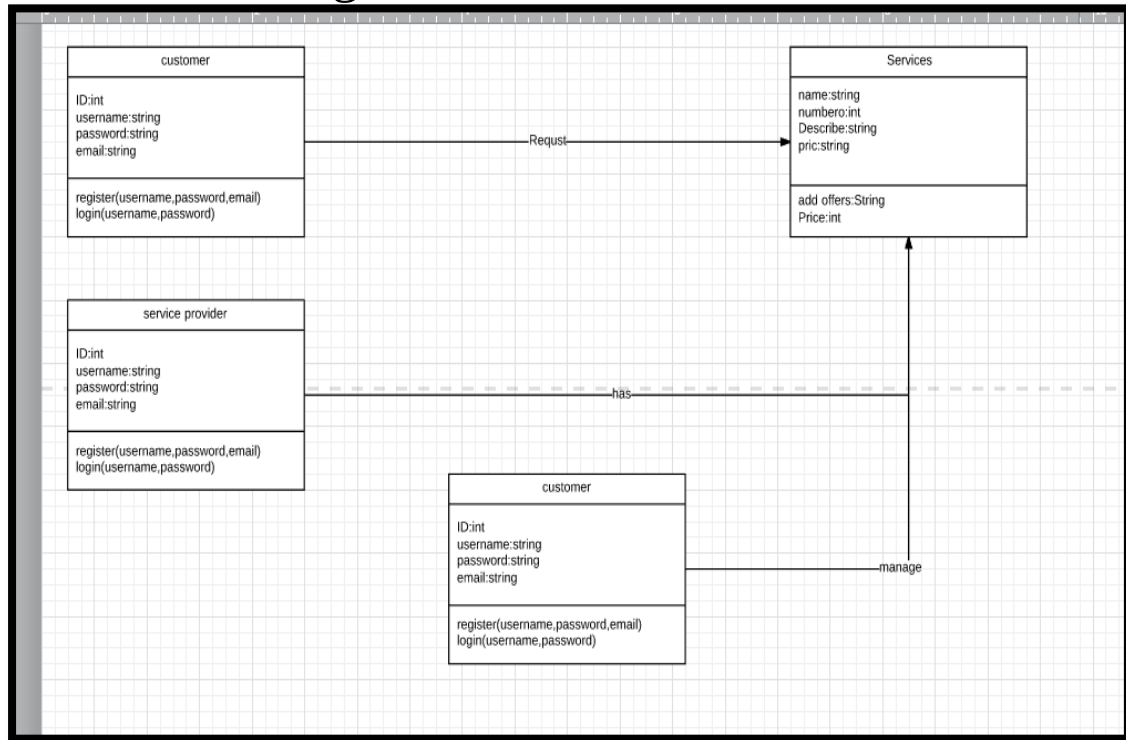


2.4.1 Use Case for Admin

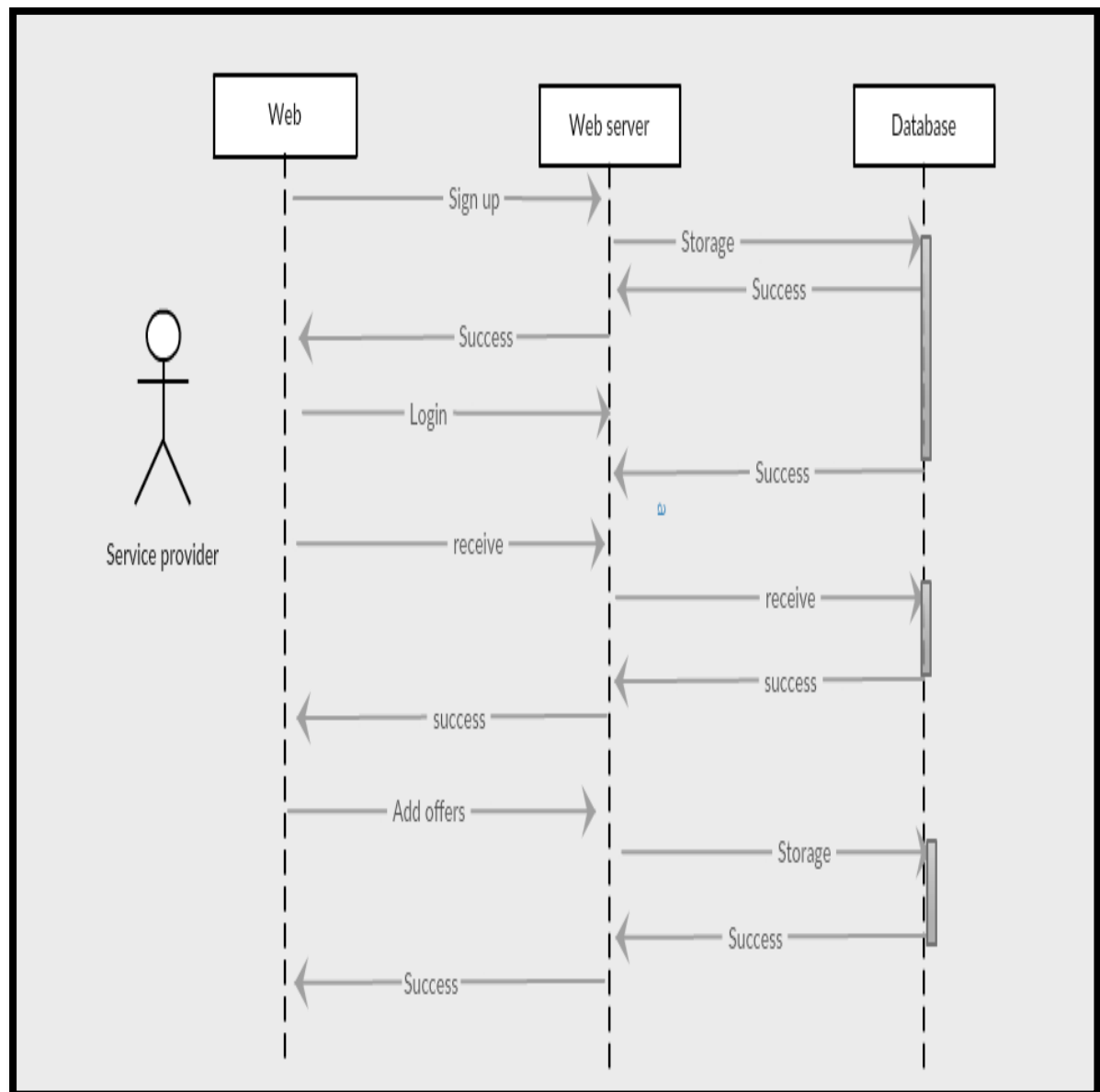
2.4 Use Case of customer :



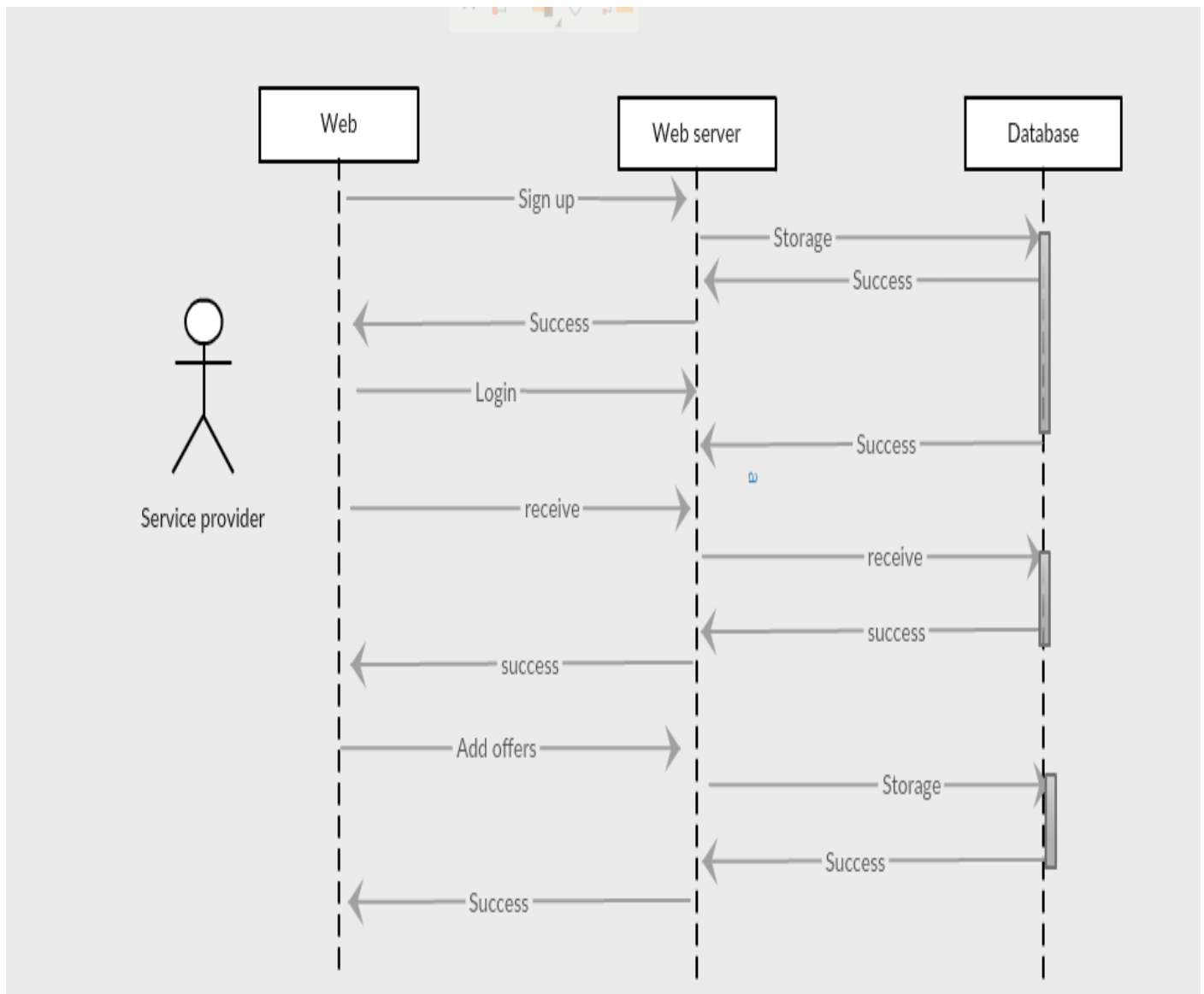
2.5 Class of diagram :



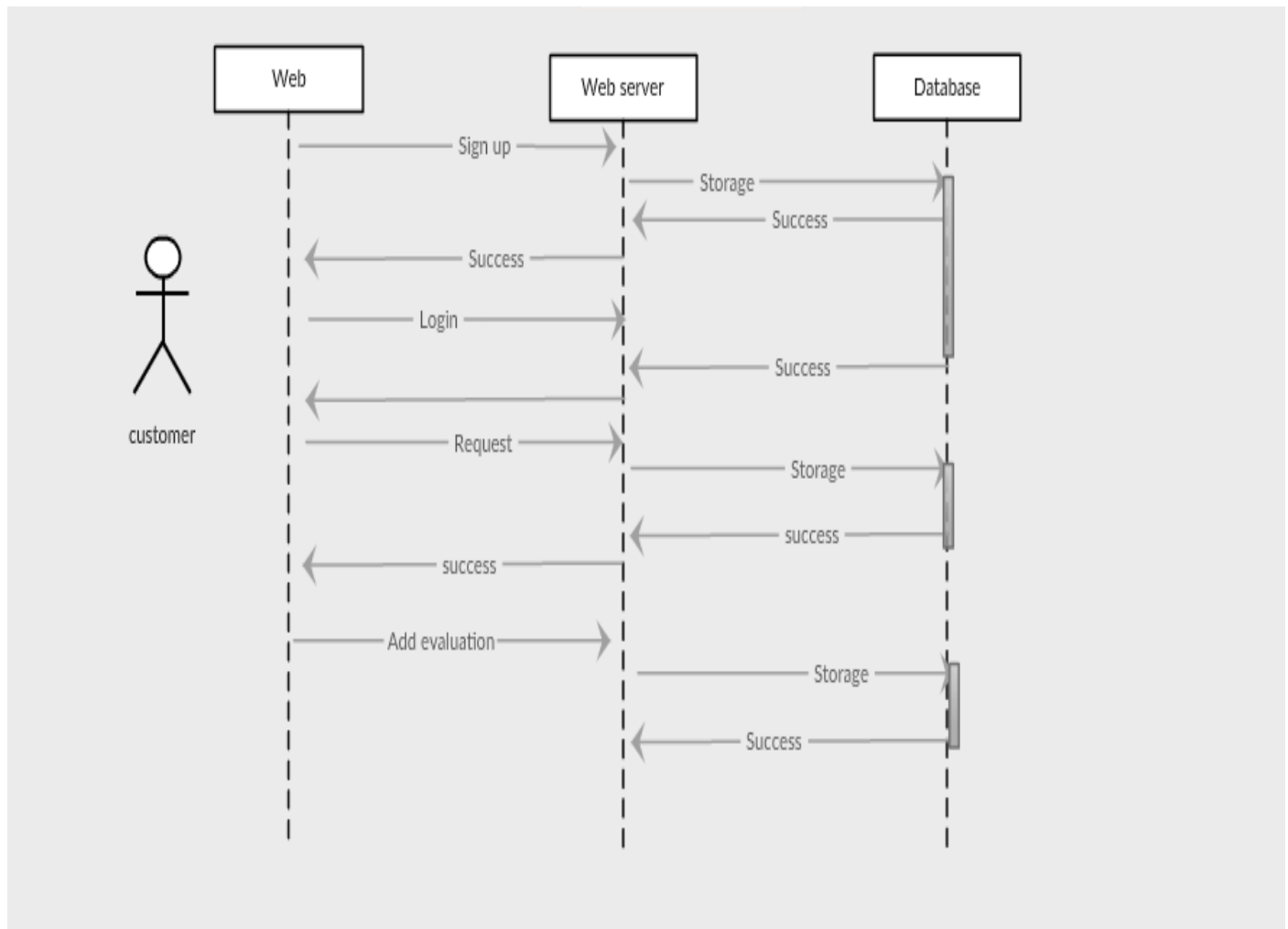
2.6.1 sequence diagram for Admin:



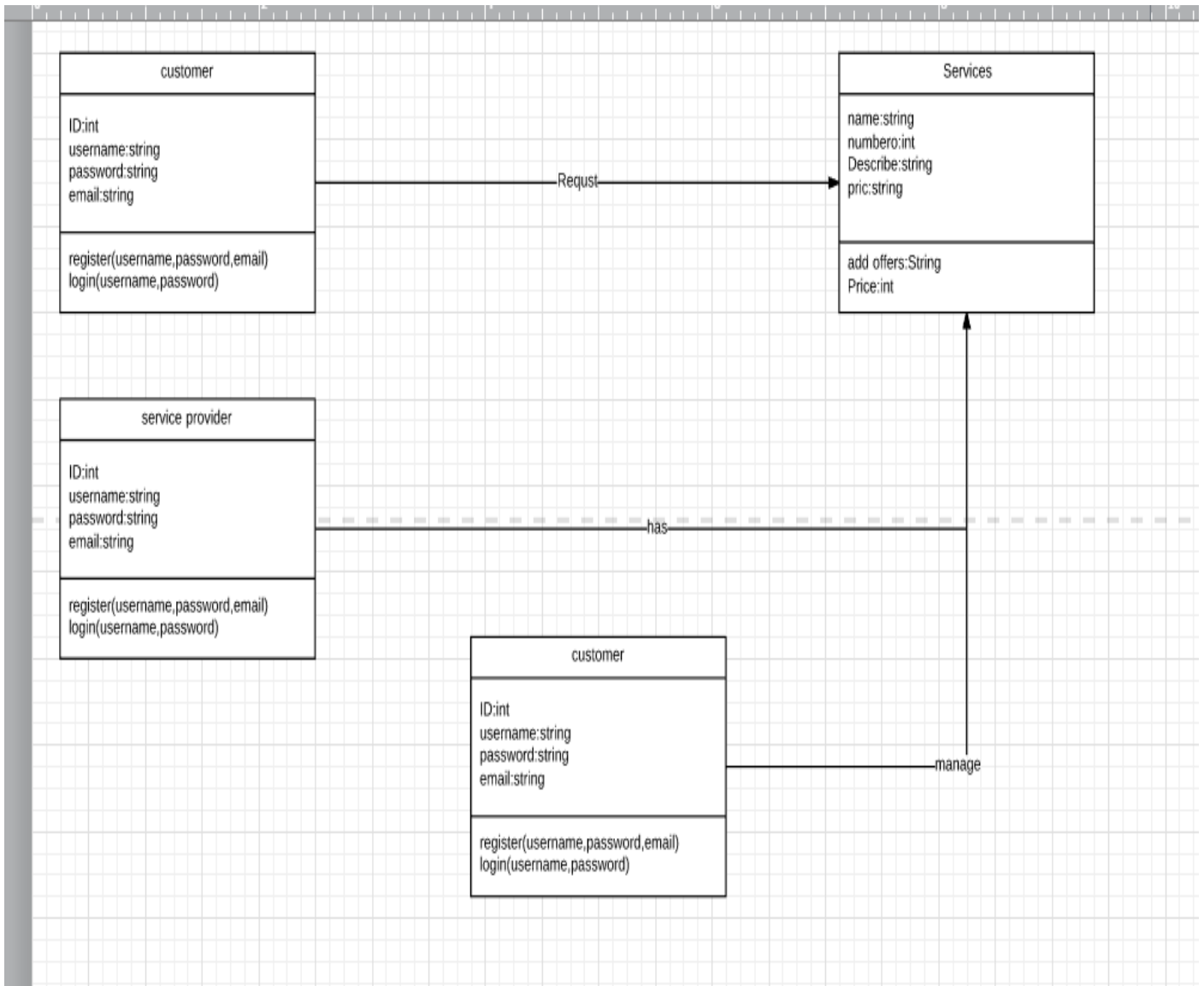
2.2.2 Sequence diagram for service provider:

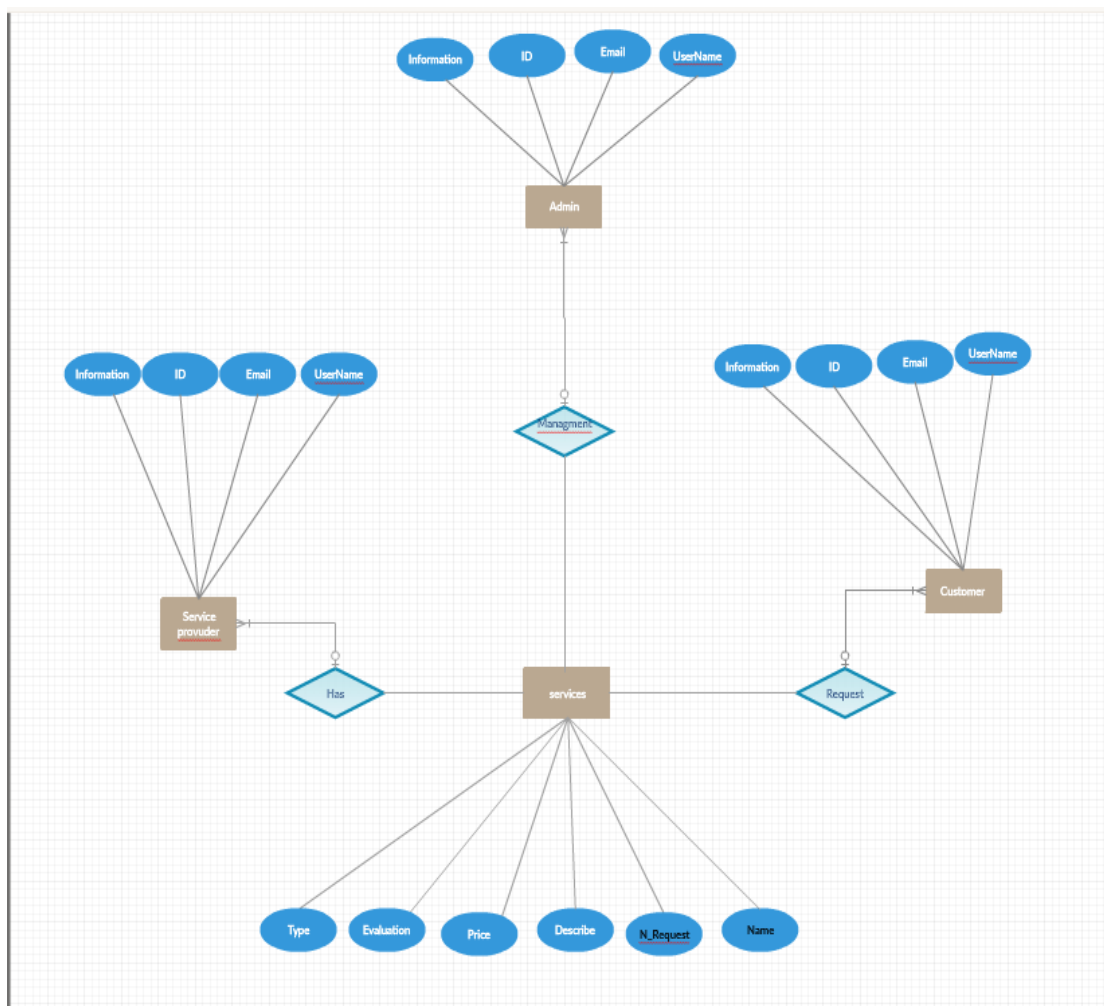


2.2.3 sequence diagram for Customer:



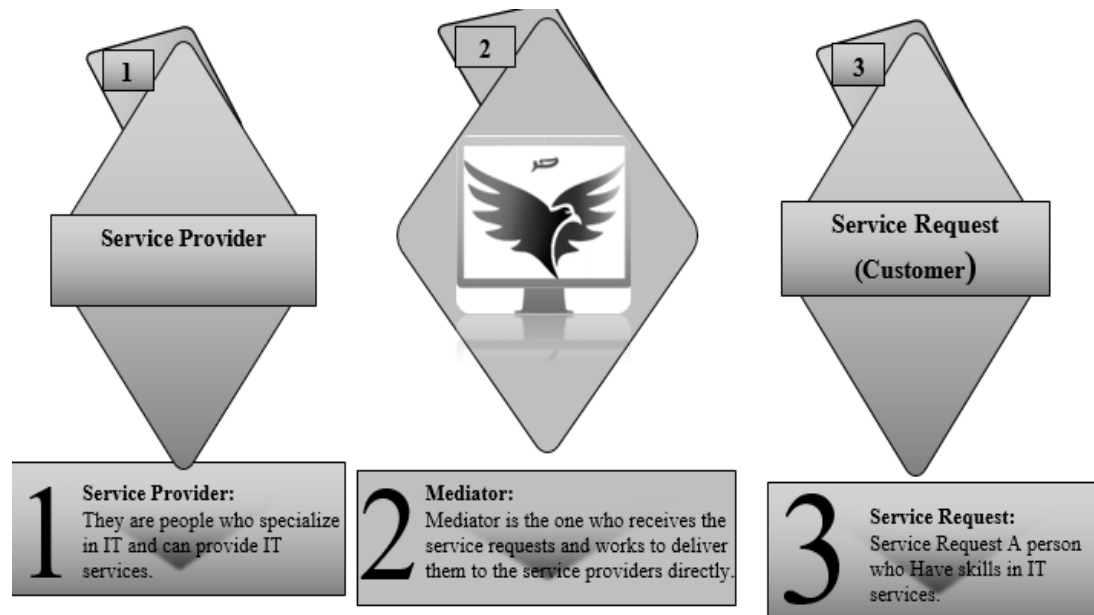
Class of diagram:





ERD

3.1 Website: 3.1 Component of Website:



3.2 tools:

1-Wamp for hosting.

2-Html.

٣-Css.

٤-Php.

٥-Visual code.

٦-Php my admin for Database

٧-Adobe In design.

٨- Adobe dreamweaver.

```

hor (2) customer
├── cus_id : int(11)
├── username : text
├── email : varchar(255)
└── password : varchar(255)
    
```

```

hor (2) service_request
├── sq_id : int(11)
├── cus_id : int(11)
├── sq_type : text
├── sq_title : text
├── sq_content : text
├── sq_price : int(11)
├── sq_date : int(11)
└── sq_status : text
    
```

```

hor (2) send_request
├── sr_id : int(11)
├── req_id : int(11)
├── sp_id : int(11)
├── cus_id : int(11)
└── accept : int(11)
    
```

```

hor (2) msg
├── msg_id : int(11)
├── sq_id : int(11)
├── from_id : int(11)
├── to_id : int(11)
├── text : text
├── date : int(11)
└── readX : int(11)
    
```

```

hor (2) service_provider
├── sp_id : int(11)
├── username : text
├── email : varchar(255)
└── password : varchar(255)
    
```

٣.٣ Database:



3.2 How to work the Harr

?The

customer requests an IT service by advertisement in the details of the service he wants. It is answered by service providers. The



hor (2) customer
cus_id : int(11)
username : text
email : varchar(255)
password : varchar(255)

hor (2) service_request
sq_id : int(11)
cus_id : int(11)
sq_type : text
sq_title : text
sq_content : text
sq_price : int(11)
sq_date : int(11)
sq_status : text

hor (2) send_request
sr_id : int(11)
req_id : int(11)
sp_id : int(11)
cus_id : int(11)
accept : int(11)

hor (2) msg
msg_id : int(11)
sq_id : int(11)
from_id : int(11)
to_id : int(11)
text : text
date : int(11)
readX : int(11)

hor (2) service_provider
sp_id : int(11)
username : text
email : varchar(255)
password : varchar(255)

customer chooses the offer he wants.

3.3 Coding :

```
<?php include("include/header.php") ?>

<div class="m07athat" style="width: 80%;margin: 0 auto;border-right:
1px solid #efefef;border-left: 1px solid #efefef;" >

<br>

<div class="uk-text-center" uk-grid>
    <div class="uk-width-1-4@m">
        <div class="uk-card uk-card-default uk-card-body">
            <?php
                if(!empty($cus_id))
                {
                    عمل "
                }
                elseif(!empty($sp_id))
                {
                    مزود خدمة "
                }
                else
                {
                    اداري "
                }
            ?>
            <hr>
            <?php
                if(!empty($cus_id))
                {
```

```

        echo '';
    }
    elseif(!empty($sp_id))
    {
        echo '';
    }
    else
    {
        echo '';
    }
    ?>
<p><span uk-icon="user"> </span>
    <?php
        if(!empty($cus_id))
        {
            $get_requests = " SELECT * FROM customer WHERE
cus_id='$cus_id' ";
            $run = mysqli_query($con , $get_requests);
            $rowX = mysqli_fetch_array($run);
            echo $rowX["cus_name"];
        }
        elseif(!empty($sp_id))
        {
            $get_requests = " SELECT * FROM serviceprovider
WHERE sp_id='$sp_id' ";
            $run = mysqli_query($con , $get_requests);
            $rowX = mysqli_fetch_array($run);
            echo $rowX["sp_name"];
        }
        else
        {
            $get_requests = " SELECT * FROM admin WHERE
admin_id='$admin_id' ";
            $run = mysqli_query($con , $get_requests);

```

```

        $rowX = mysqli_fetch_array($run);
        echo $rowX["admin_name"];
    }
    ?>
</p>
</div>

</div>
<div class="uk-width-expand@m">
    <div class="uk-card uk-card-default uk-card-body">
        <p>
            <?php
                @$control = $_GET['control'];

                if($control == "request" )
                {
                    </h3>" ; طلبات العملاء                                echo "<h3>
                    $get_requests = " SELECT * FROM
customer_requests ";
                    $run = mysqli_query($con , $get_requests);
                    while ($row = mysqli_fetch_array($run))
                    {
                        $cus_idz = $row["cus_id"];
                        $get_requestsz = " SELECT * FROM customer
WHERE cus_id='$cus_idz' ";
                        $runz = mysqli_query($con ,
                        $get_requestsz);
                        $rowX = mysqli_fetch_array($runz);
                        $name = $rowX["cus_name"];
                        echo '
                            <div class="uk-width-expand@m">
                                <div class="uk-card uk-card-default
uk-card-body">
                                    <a
href="view.php?request='.$row["req_id"].'&cus_id='.$rowX["cus_id"].'&tit

```

```
le='.$row["title"].'&by='.$name.'"> <p style="text-align: right;font-
weight: bold; color: green;border-bottom: 1px dotted
#d0d0d0;">'.$row["title"].'</p> </a>
```

```

                                <small style="float:
right;">
: '.$name.' بواسطة #
: '.$row["price"].' تكلفة
ريال,
: نوع الخدمة
'.$row["type_request"].' ,
: تاريخ
'.Timetoyor($row["date"]).'
```

```
</small>
```

```
</div>
```

```
</div>
```

```
';
```

```
}
```

```
}
```

```
elseif($control == "addusers")
```

```
{
```

```
</h3>" ; إضافة مستخدمين echo "<h3>
```

```
echo
```

```
,
```

```
<div class="uk-card uk-card-default uk-
card-body uk-width-1-1@m">
```

```
<form method="post">
```

```
<div class="uk-margin">
```

```
<div class="uk-inline">
```

```
<label><input class="uk-radio"
type="radio" name="radio2" value="0" checked>
إضافة عميل</label>
```

```
<label><input class="uk-radio"
type="radio" name="radio2" value="1" >
إضافة مزود خدمة</label>
```

```
</div>
```

```
</div>
```

```
<div class="uk-margin">
```

```
<div class="uk-inline">
```

```

        <span class="uk-form-icon uk-
form-icon-flip" uk-icon="icon: user"></span>
        <input name="name" class="uk-
"الاسم المستخدم" type="text" placeholder="
        </div>
    </div>
>

```

Revrence :

Reverence:

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- [1] - a-brief-guide-to-selling-digital-products author by: Mohammed Al-Zayer 2015/05/07
- affiliate-marketing-manual author by: Riad Samer
- [2] - 2016/07/09
- Remote_Recruitment_Arabic_v1.5 author Fatima Hayesheet
- [3] - 2014/11/02
- [4] - Work-Online-HsoubAcademy author Amr Al – Nawawi 2012/08/16
- [5] - your-guide-to-start-working-online author Amir Charb 2012/11/5

Electronic services :

٦ -Rowley, J. (2006) An analysis of the e-service literature: towards a research agenda. Internet Research.

٧ -OMG (2011). [OMG Unified Modeling Language \(OMG UML\), Superstructure, V2.4.1.](#)

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(1)

<https://mhsabbagh.com/2015/07/my-story-with-freelancing/>

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<https://www.arageek.com/2014/09/08/freelancing-in-arabic-world.html>