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Graduation project

Online Home Maintenance Service

By

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Chapter1:

1.1 Abstract

The purpose of the project:

In the current time, people can't imagine their life without technology. Surrounding us various technologies are helping people to live their life with more luxury and easier. Here comes the idea of getting a home maintenance technician easily, by connecting the user to the service provider required directly by web application and can make reservation.

The problem statements

- *The difficulty of finding good provider services with appropriate price*
- *The difficulty to know institutions offer promotions and Better deals.*
- *The difficulty to know service reviews on institutions.*

The method

A website that makes it easy for you to get a home maintenance technician easily, by connecting the user to the service provider required directly and in a straightforward way.

The expected results

- ✓ *Easy access to services who has difficulty to go to the physical shops*
- ✓ *Saving time and effort.*
- ✓ *Raise the level of service provided through customer evaluation.*
- ✓ *provide good service at an appropriate price.*
- ✓ *Better deals and savings money*
- ✓ *Comparison services*

1.2 Introduction:

Electronic Commerce is process of doing business through computer networks, person sitting on his chair in front of a computer can access all the facilities of the Internet to buy or sell the products or services.

Unlike traditional commerce that is carried out physically with effort of a person to go & get products, ecommerce has made it easier for human to reduce physical work and to save time Previous studies on e-commerce success has stated the importance of developing customer loyalty that would ensure that customers would continue to revisit an e-commerce site and repurchase products. In fact, having revisiting customers is important to e-business success, as it often costs more, both in terms of time and effort, to acquire new customers than to retain existing ones. Despite the efforts put into retaining customers, only 1% of online visitors return and repurchase products on the website they had previously visited. [1]

The advance of information and communication technology has profoundly changed people's way of life. With the widespread use of internet, more and more people choose to shop online. Online shopping, or more often categorized as e-commerce, has been increasing dramatically during the past decade. In the U.S., total e-commerce sales in 2012 reached about \$225.5 million, an increase of 15.8% compared to 2011. It took up 5.2% of total sales and the percentage continues to increase (Census, 2013). relationship between online shopping and personal shopping trips. [2]

The E-commerce zone is crowded with many Internet users Security is the challenge facing e-commerce today & there is still a lot of advancement made in the field of security. [3]

Shopping online as an alternative to in-store shopping can make much of traditional retail less attractive the main advantage of e-commerce over traditional commerce is the user can browse online shops, compare prices and order merchandise sitting at home on their PC. [4]

For a developing country advancement in the field of e-commerce is essential Based on these studies there are several motives that drive consumers to shop online. A particular shopper cluster that stands out is economic shoppers. Such shoppers are price sensitive and they are concerned with purchasing products at the lowest price or identifying good bargains for the money they are willing to spend online [5]

Opportunities for online shopping are transforming travel behavior related to shopping, and they have the potential to reduce overall travel demands aims to create and disseminate enduring knowledge for the fast-changing e-commerce environment. [6]

Much online shopping research has been viewed from the seller's side, i.e., volume, timing and the like. This paper looks at online shopping/buying from the buyer's view. Based on 285,000+ individual responses from an online U.S. panel, the questionnaires, gathered between 2006 and 2013, form the analytical base. Findings include an increase in online shopping volume among a declining customer base. Consumer reported details such as leading online retailers (Amazon.com), online product preferences, comparisons of online and fixed location research and buying scenarios, buying influences and the like are discussed. Managerial implications and suggestions for future research are included. [7]

Online consumers are often sensitive to price because prior literature has indicated that colors significantly influence consumers' judgments and decision, online businesses can reduce price competition by using color to create atmospheric differentiation. Consumers buy a variety of services from web services. [8]

Online services are the process whereby consumers directly buy services etc. from a seller interactively in real-time without an intermediary service over the internet.[9]



1.3 Problem Definition:

- 1.The difficulty of finding good provider services with appropriate price*
- 2.The difficulty to know institutions offer promotions and Better deals.*
- 3.The difficulty to know service reviews on institutions.*
- 4.The difficulty Comparison the same services between institutions.*
- 5. The difficulty to know how much the real price for specific service.*

1.4 Idea of the project:

Home Maintenance Service is service can provide multiple kind of services, can be requested from customer to the local shop take less than a minute, to receive information from the coordinator about your appointment in recognition of your location.

A website that makes it easy for you to get a home maintenance technician easily, by connecting the user to the service provider required directly and in a simple way.

Website Services Including:

- ✓ *Electricity*
- ✓ *Plumbing*
- ✓ *Air conditioning*
- ✓ *Furniture transfer*
- ✓ *Water-filled service.*
- ✓ *Refill the gas cylinder service.*
- ✓ *Laundry service*

1.5 Project Aims (Objectives):

- *Easy access to services.*
- *Saving time and effort.*
- *Raise the level of service provided through customer evaluation.*
- *clarity and knowledge of the prices offered on the services.*
- *provide good service at appropriate price.*
- *Knowledge of home service providers in the city.*
- *Usability and easy access*
- *Better deals and savings rewards*
- *Saves gas*
- *Convenience*
- *Comparison services*

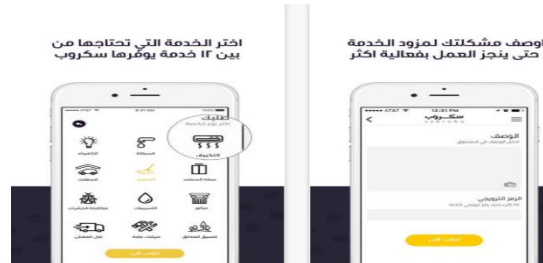
1.6 Advantages of the system:

This system has many advantages:

- *My project is a website and All existing programs use mobile apps and no website exists even though all mobile apps not serves zulfi city.*
- *Request maintenance track for electronic devices (laptop, mobile).*
- *Furniture transfer.*
- *Water-refill service.*
- *Refill the gas cylinder service.*
- *Laundry service.*

سكروب- Sakrobe:

Sakrobe is free app ask for home maintenance service at any time and place. customer can only book service in four steps, and sakrobe will send the technician to customer door.



Advantage:

- Possibility to request your service now to make necessary repairs, or later for future dates.
- It takes less than a minute to get the service, to receive information from the coordinator about customer appointment in recognition of customer location.
- Get a free cleaning service after you finish working
- The customer gets a one-day work warranty, not including spare parts.
- The customer can submit complaints and suggestions to the management through instant conversations with the application or through the contact us page on the site or by sending you a Scoop account to serve customers in Twitter.

Disadvantage:

- If they not able to fix your things in your home, they Can't provide car to take your things to fixed in the work space.
- Delay in response, lack of service and few service providers few options
- Provider takes more than it deserves on the services



أجير- Ajeer

It helps customer through a mobile screen without having to look for work. We offer you evaluate factor with previous comments to ensure proper maintenance of customer home.



Advantage:

- *customer can find out about the approximate prices of the services.*
- *Possibility to request your service now to make necessary repairs, or later for future dates.*

Disadvantage:

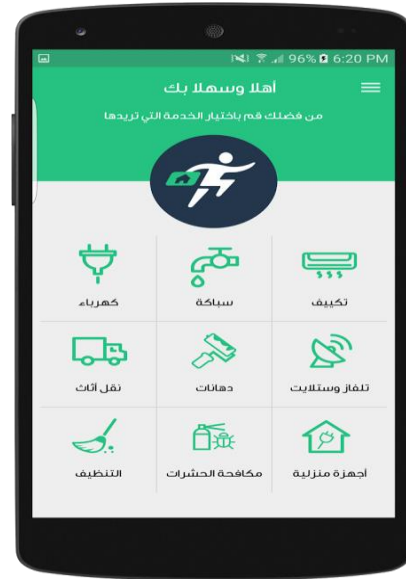
- *This app is only available on the App Store for iOS devices.*
- *Sometimes app does not work properly.*
- *Provider takes more than it deserves on the services.*
- *Some customer complain about some services not provide and some of them not satisfied about the provider performance.*
- *Delay in response, lack of service and few service providers few options.*



فني Fanni:

An application that makes it easy for you to get a home maintenance technician easily and easily, by connecting the user to the service provider required directly and in a simple way.

Including: electricity, plumbing, air conditioning, electrical appliances, satellite sets, paints, furniture transfer, pest control, cleaning, carpentry.



Advantage:

- *Get a technician in just two steps.*
- *Allows the customer to choose the appropriate technician according to a set of options.*
- *Service evaluation.*
- *It has two platformer IOS and android each platformer has Arabic and English language.*

Disadvantage:

- *Sometimes app does not work properly.*
- *There is no response.*
- *Sometimes you can't log in or the verification number not send.*

1.8 Feasibility study

The feasibility study is an analysis of the ability to complete a project successfully.

It takes into account legal, economic, technological, scheduling and other factors.

The feasibility study revealed the importance of the application of such a system, for the following reasons:

- 1- My ability to acquire and learn the required technologies to develop the system.*
- 2- The ability and the willingness to use the system by the users.*
- 3- The project does not violate the laws and regulations.*
- 4- The time period allowed for the completion of the project is adequate.*
- 5- The urgent need for such a system which has no equivalent in such an application.*
- 6- The questionnaire, which was conducted, explained this urgent need for such a system.*
- 7- The project does not violate the laws and regulations.*
- 8- The time period allowed for the completion of the project is adequate.*

The questionnaire, which was conducted, explained this urgent need for such a system.

1.9 Questionnaire summary

The feasibility study is an analysis of the ability to complete a project successfully, So I did the feasibility study from 75 people about their opinion in my project idea.

لا	نعم	
%57.81	%42.19	هل سبق وطلبت خدمات صيانة منزلية عبر المواقع الالكترونية ؟
%6.25	%93.75	هل تعتقد ان تقييم مستوى الخدمة المقدمة وتعامل البائع يساعد في تحسين جودة الخدمة ؟
%4.69	%95.31	وضوح ومعرفة الأسعار المقدمة على الخدمات سيساعدك في اختيار المنشأة ؟
لا اعلم	LG , ساكو , اكسترا, ايكيا	ما هو افضل موقع يقدم الخدمات المنزلية ؟
%31.25	%68.75	هل سبق وتعاملت مع منشأة بناء على تجربة سمعتها من أشخاص ؟
%26.98 (التقليدي)	%73.02 (الموقع الالكتروني)	هل تفضل طلب الخدمة المنزلية بالشكل التقليدي أو عبر الخدمات الالكترونية ؟
%3.13	%96.88	ل تعتقد أن الموقع الالكتروني يوفر عليك الوقت والجهد ؟
%1.00	%99.00	هل تعتقد أن الموقع سيساعد على تنافس المنشأة على تقديم خدمة جيدة بسعر مناسب؟

Fig. 1.9 Questionnaire summary

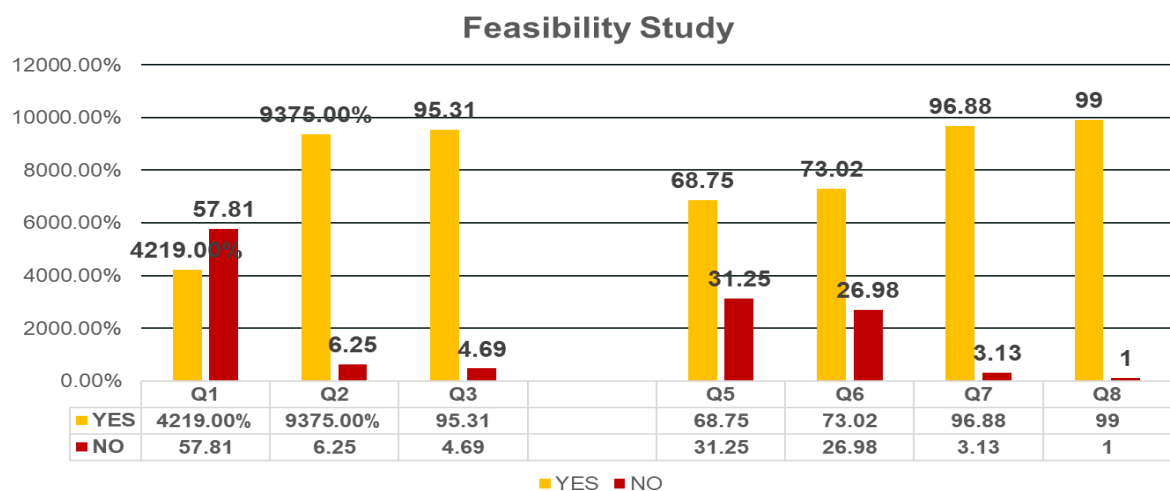


Fig. 1.9 Questionnaire summary

1.10 Project Scheduling:

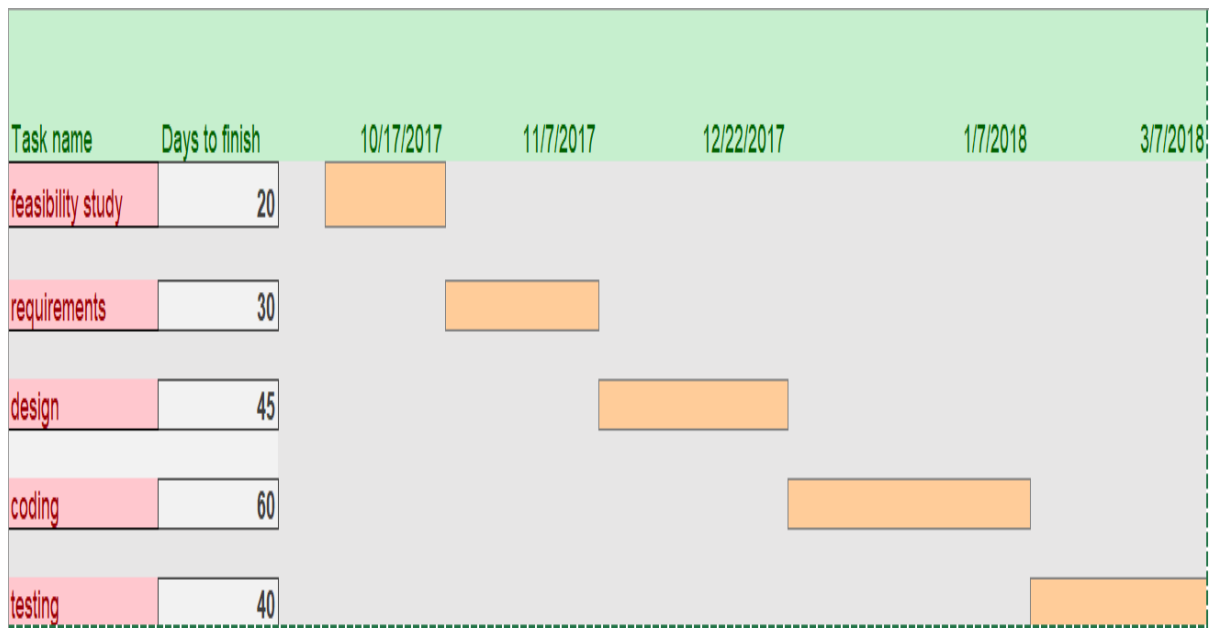


Fig. 1.10 Gantt chart

1.11 Process model:

What is Iterative model- advantages and when to use it?

An iterative life 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. [7]

For example:



In the diagram above when we work iteratively we create rough product or product piece in one iteration, then review it and improve it in next iteration and so on until it's finished. As shown in the image above, in the first iteration the whole painting is sketched roughly, then in the second iteration colors are filled and in the third iteration finishing is done. Hence, in iterative model the whole product is developed step by step. [7]

The used process model is the Iterative Enhancement Model.

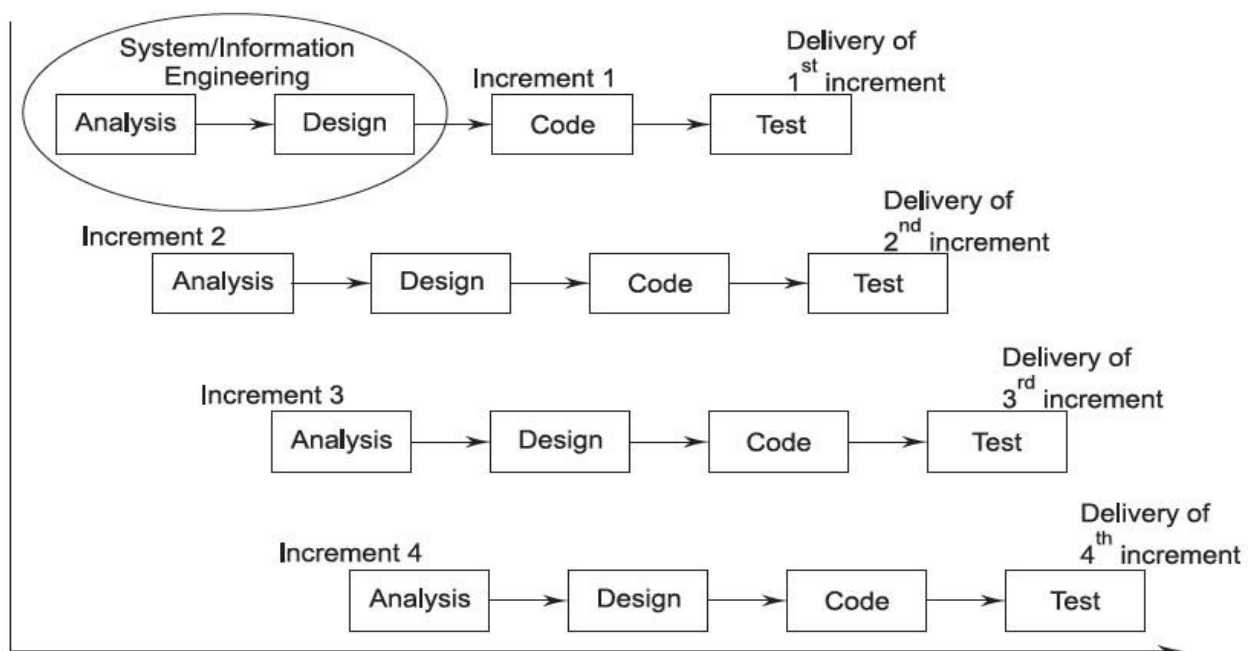


Fig. 1.11 Iterative-Enhancement Model

A good process facilitates communications. It provides the channels between the parties that need to communicate, and indicates the form, purpose and goal of that communication. Documents may be needed to achieve this facilitation; however, a good process does not reduce communication to production of documents. Communication takes place between people; documents are secondary. [7]

Simplicity:

A process that is too complex will fail. Simplicity is a value to be intensely defended, both in our software and in our process. We do add activities, documents, or artifacts to our processes unless the need for them is critical. We regularly sweep through our processes and remove accumulated complexity. Anything that cannot be completely justified is eliminated. A process description should always look too small. [7]

Feedback:

The only way to truly control a software project is to continuously measure its progress, compare that progress against the plan, and then adjust the development parameters to correct any deviation from the plan. This is the foundational motivation for all iterative methods. [7]

When to use iterative model: [7]

- *Requirements of the complete system are clearly defined and understood.*
- *When the project is big.*
- *Major requirements must be defined; however, some details can evolve with time.*

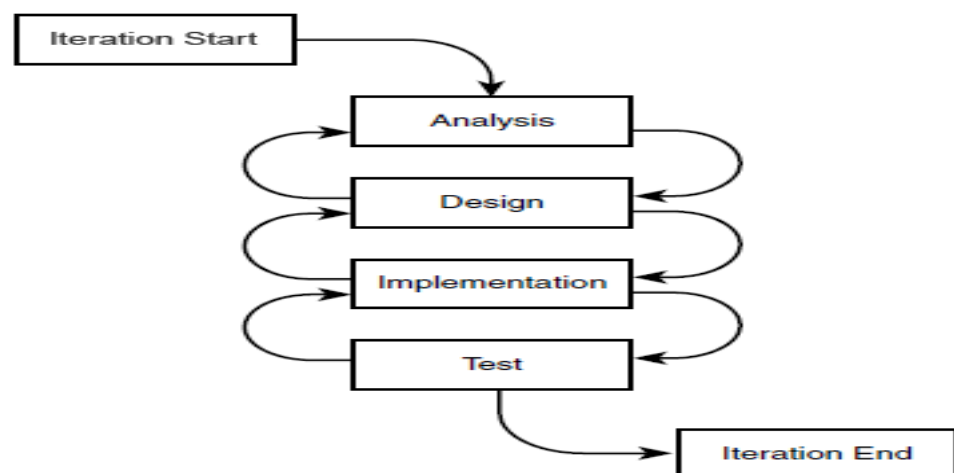


Fig. 1.12 Iterative-Enhancement Model •

1.13 System development:

1.13.1 WordPress:

WordPress is an open source Content Management System (CMS), which allows the users to build dynamic websites and blogs. WordPress is the most popular blogging system on the web and allows updating, customizing and managing the website from its back-end CMS and components.

3.13.2 Content Management System (CMS):

The Content Management System (CMS) is a software which stores all the data such as text, photos, music, documents, etc. and is made available on your website. It helps in editing, publishing and modifying the content of the website.

3.13.3 Features

User Management: *It allows managing the user information such as changing the role of the users to (subscriber, contributor, author, editor or administrator), create or delete the user, change the password and user information. The main role of the user manager is Authentication.*

Media Management: *It is the tool for managing the media files and folder, in which you can easily upload, organize and manage the media files on your website.*

Theme System: *It allows modifying the site view and functionality. It includes images, stylesheet, template files and custom pages.*

Extend with Plugins: *Several plugins are available which provides custom functions and features according to the users need.*

Search Engine Optimization: *It provides several search engine optimization (SEO) tools which makes on-site SEO simple.*

Multilingual: *It allows translating the entire content into the language preferred by the user.*

Importers: *It allows importing data in the form of posts. It imports custom files, comments, post pages and tags.*

3.13.4 Advantages of WordPress

- ✓ *It is an open source platform and available for free.*
- ✓ *CSS files can be modified according to the design as per users need.*
- ✓ *There are many plugins and templates available for free. Users can customize the various plugins as per their need.*
- ✓ *Media files can be uploaded easily and quickly.*
- ✓ *It offers several SEO tools which makes on-site SEO simple.*
- ✓ *Customization is easy according to the user's needs.*
- ✓ *It allows creating different roles for users for website such as admin, author, editor and contributor.*
- ✓ *It is very easy to edit the content as it uses WYSIWYG editor (What You See Is What You Get is a user interface that allows the user to directly manipulate the layout of document without having a layout command).*

3.13.5 Big names use WordPress

- *The New Yorker*
- *BBC America*
- *PlayStation. Blog*
- *Facebook Newsroom*
- *Microsoft News Center*
- *Mercedes-Benz*

3.13.6 System Requirements for WordPress

- **Database:** MySQL 5.0+
- **Web Server:**
- WAMP (Windows)
- LAMP (Linux)
- XAMP (Multi-platform)
- MAMP (Macintosh)
- **Operating System:** Cross-platform
- **Browser Support:** IE (Internet Explorer 8+), Firefox, Google chrome, Safari, Opera
- **PHP Compatibility:** PHP 5.2+

1.14 *Future work:*

- *System will include more services type.*
- *System will include more cities.*
- *when customer make orders more than three times will got free cleaning on the next services.*
- *At least 5 days guarantee in any service.*

Chapter 2:

2.1 Introduction

This section contains details about all software required for creating a system that satisfies the user, and this section includes the type of user that the system will serve finally this section contains an overview of the system.

2.2 Purpose:

The purpose of online home maintenance service is to saving time and effort, save money, provide good service at appropriate price, raise the level of service provided through customer evolution, we try to create a website that has multiple home maintenance services that is easy to access, easy to use, and reliability

2.3 Overall description:

2.1. Product Perspective:

The proposed system is a solution buying home maintenance service online with appropriate price.

2.2. Product Functions:

The system allows the user to buy services online across internet connection globally.

2.3. User Characteristics:

There are 3 kinds of users for the proposed system.

- **Administrators:**

Administrators are the ones who adds or administers the categories for the services and administers the provide service/seller.

- **Provide service/Sellers:**

Provide service /Sellers will add their services to the database, which will be seen in the website to the end users or say customers who can buy the service by selecting the one they need. Provider will have the special privileges than the end users and have ability to manage the services added by them.

- **End Users/Customers:**

The end user will be the one who visits the website and buys services online from the ones added by the provide service /Sellers.

2.4 System environment:

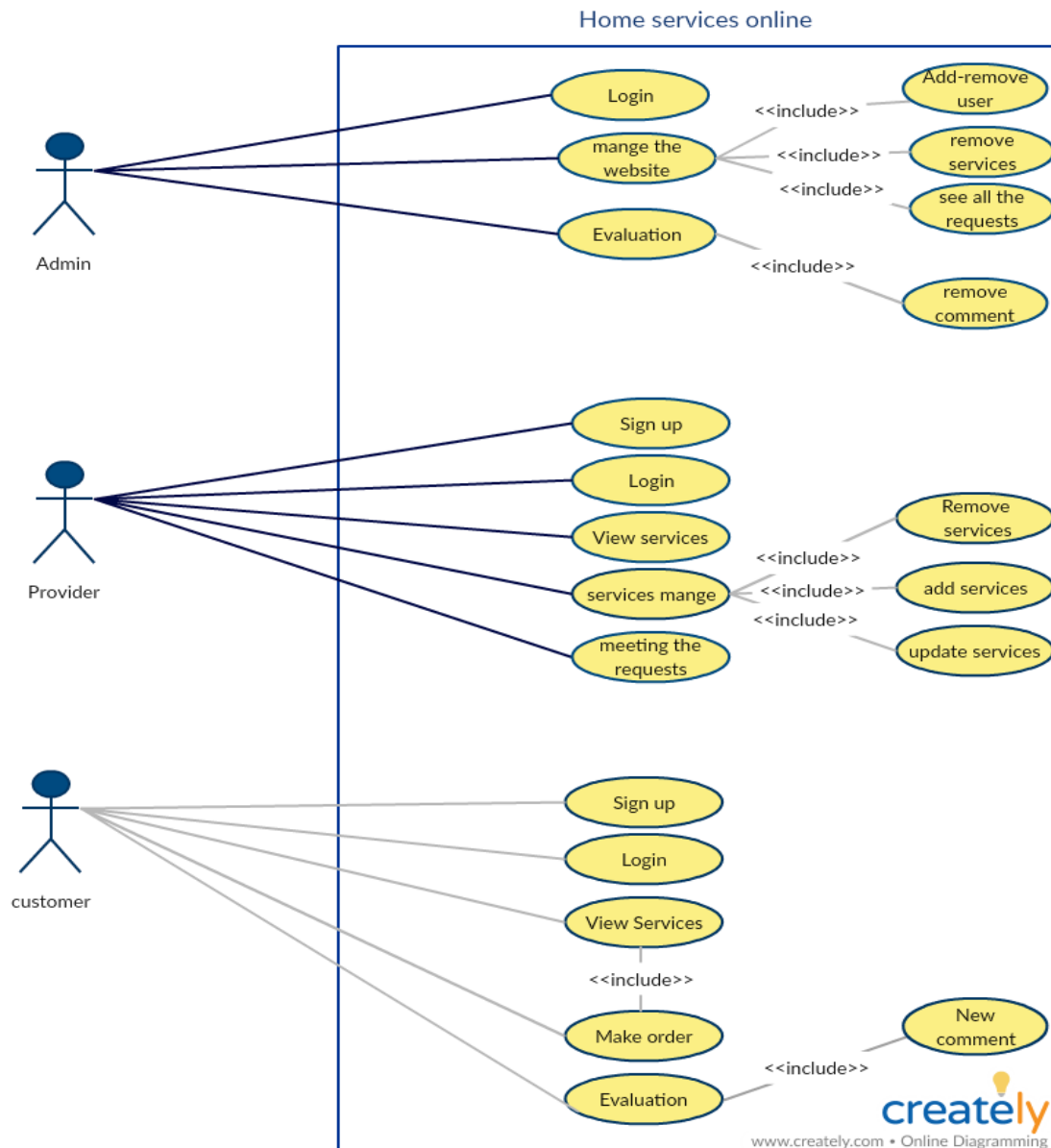


Fig. 2.4 system environment

System environment via use case:

- *member (Sing up, login, make order, view items, evaluate services)*
- *provider service (Sing up, log in, Add/remove services, meeting requests, update services, view items)*
- *admin (Login, manage a website, remove comment, add/remove a user, evaluate).*

2.5 Specific Requirements:

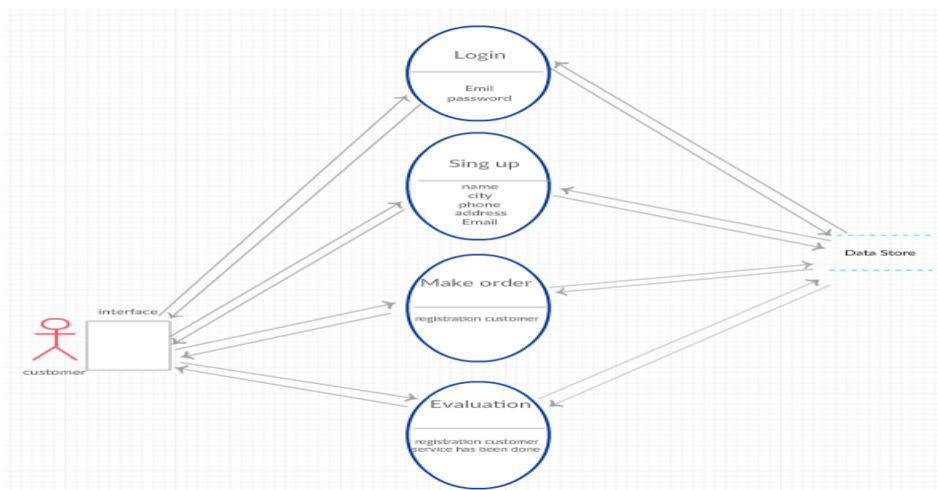
2.5.1 Functional requirements definitions:

Functional Requirements are those that refer to the functionality of the system, i.e., what services it will provide to the user. Nonfunctional (supplementary) requirements pertain to other information needed to produce the correct system and are detailed separately.

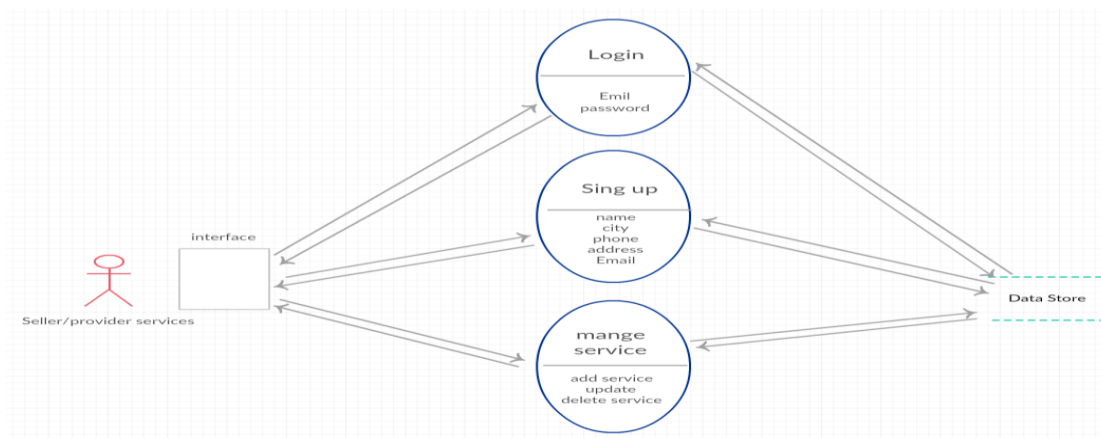
The System must provide following functionalities—

- Keeping records of admission of customers.
- keeping the records of services.
- Storing the Evaluations given by the customer.
- Storing the services selected by the customer in the temporary storage.

Customer side:



Seller side:



2.5.2 Non-functional requirements :

There are requirements that are not functional in nature. Specifically, these are the constraints the system must work within high speed Internet capability,

The web site must be compatible with both the Netscape and Google chrome web browsers

- *Secure access of confidential data (customer's details).*
- *availability.*
- *Better component design to get better performance at peak time.*
- *Reliability*
- *Maintainability*
- *Extensibility*
- *Reusability*

Chapter 3:

System design:

System design is the process of defining the elements of a system such as the architecture, modules and components, the different interfaces of those components and the data that goes through that system

Here the examples of graphical modelling we use in System design:

- ❖ *Data flow diagram*
- ❖ *Activity diagram*
- ❖ *Entity relationship diagram*
- ❖ *Sequence diagram*
- ❖ *Class diagram*

Here the examples of different interfaces viewed in our project:

- ❖ *Home page*
- ❖ *Sign up and sign in page*
- ❖ *User page*
- ❖ *Provider service page*
- ❖ *Admin page*
- ❖ *Work area page*
- ❖ *contact page*

Also, in system design chapter viewed

- ❖ *Steps use for creating our project*
- ❖ *Database table*
- ❖ *Source Code*

3.1 Data flow diagram(DFD):

A data flow diagram (DFD) is a graphical representation of the "flow" of data through an information system, modeling its process aspects.

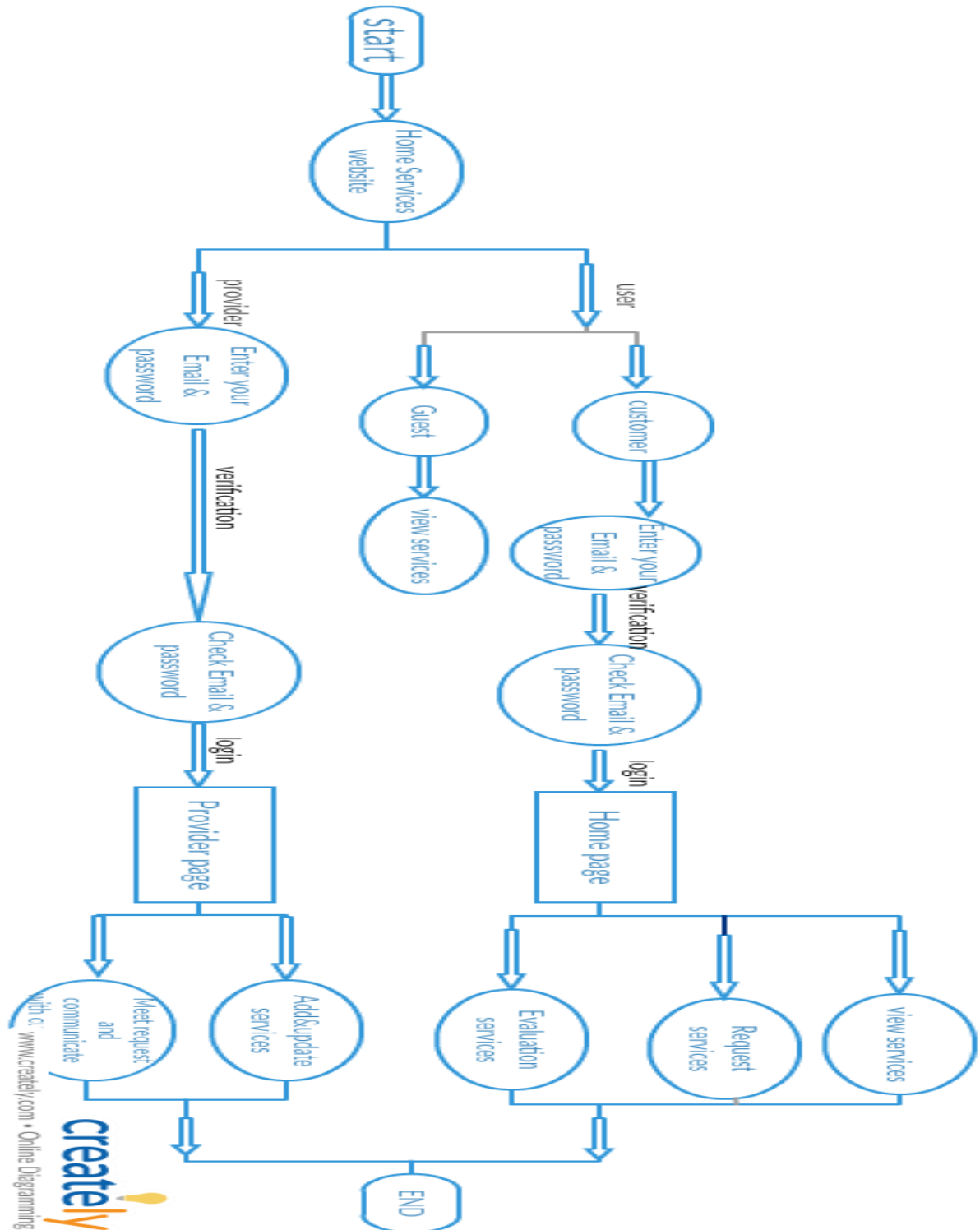


Fig. 3.1 Data flow diagram

3.2 Activity diagram:

An activity diagram visually presents a series of actions.

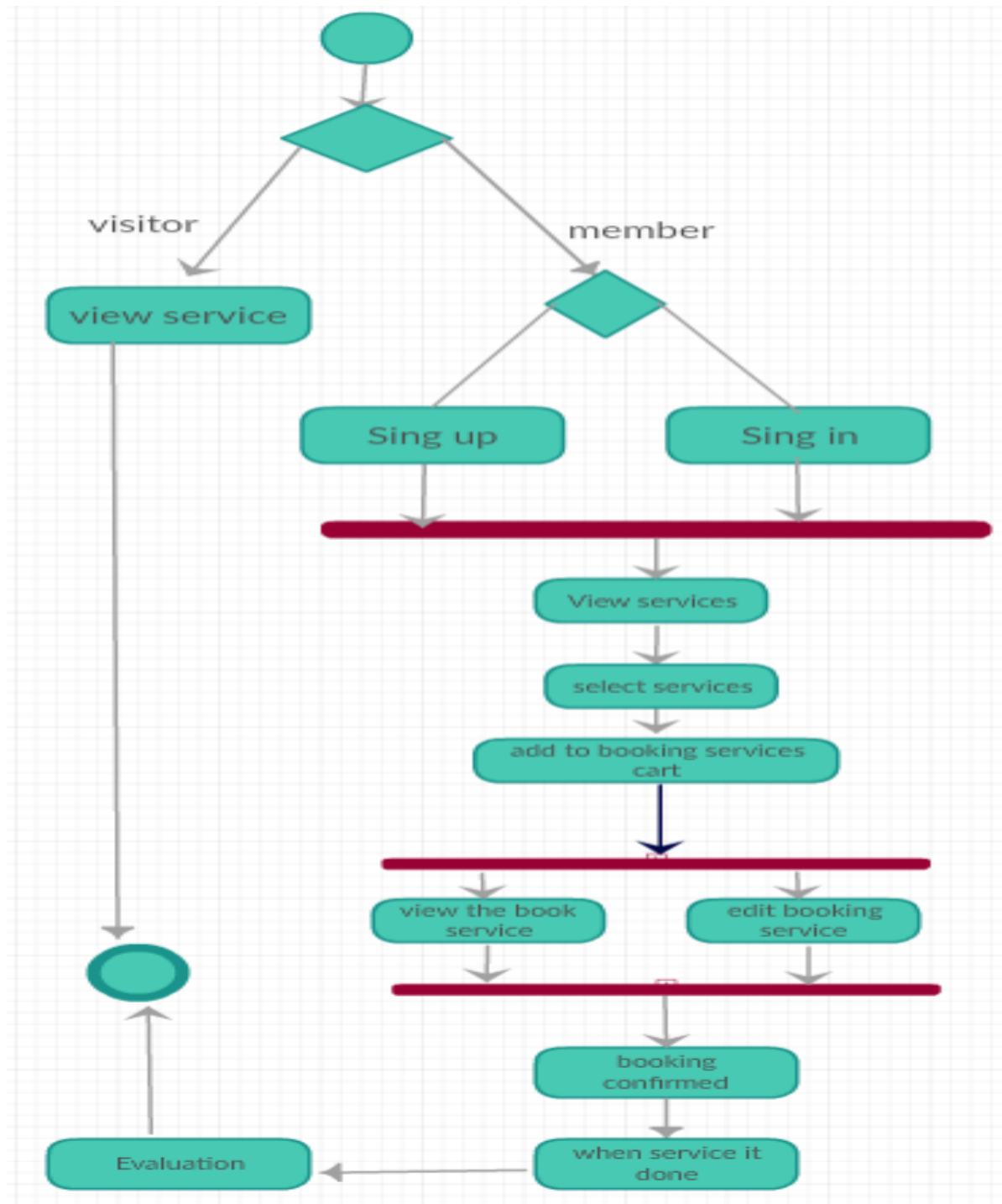


Fig. 3.2 Activity diagram

3.3 ER diagram:

Entity-relationship diagram(ERD)

What is ER?

An entity-relationship diagram (ERD) is a graphical representation of an information system that shows the relationship between people, objects, places, concepts or events within that system.

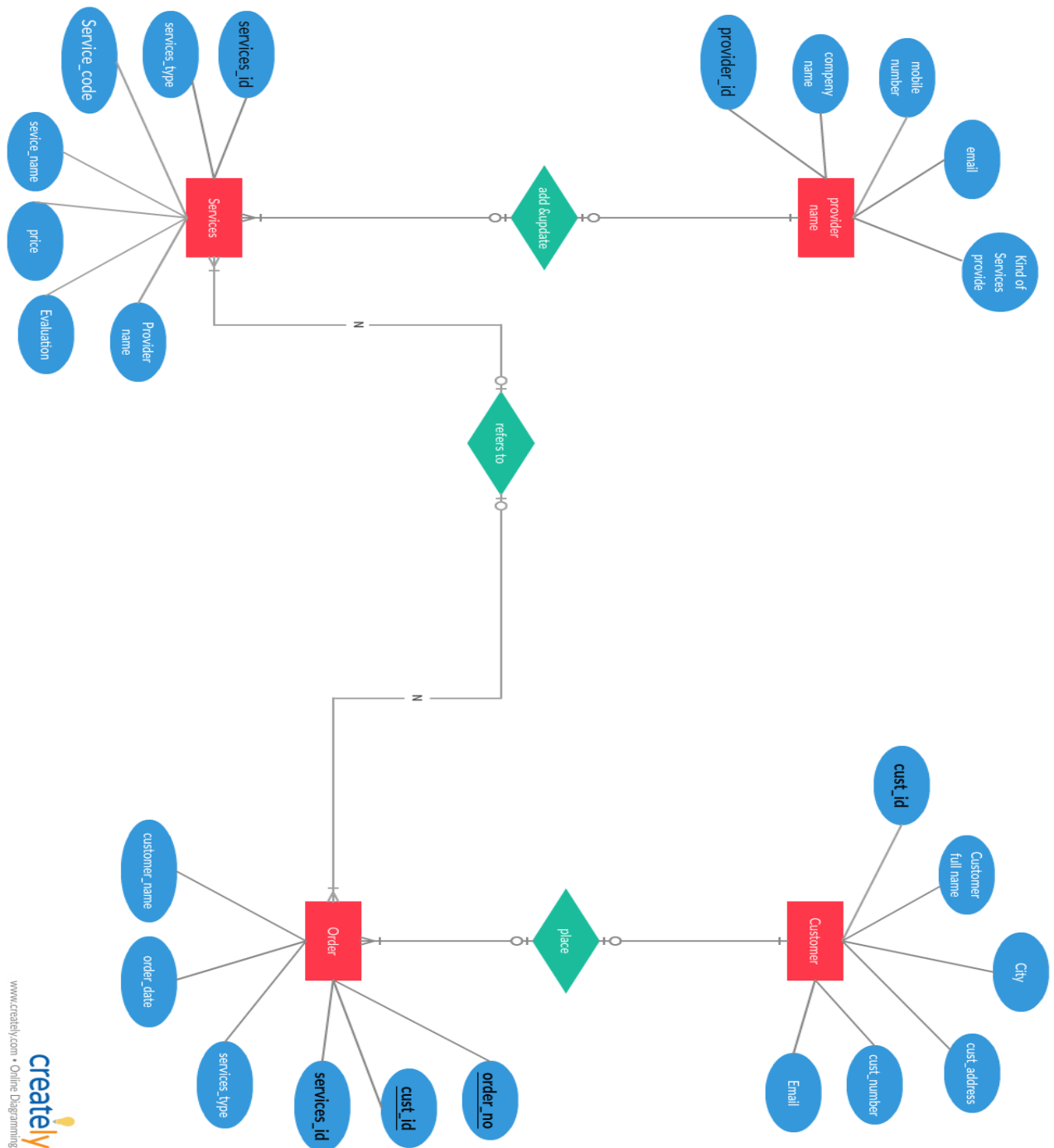


Fig. 3.3 ER diagram

3.4 Sequence Diagram

3.4.1 Registrations and login

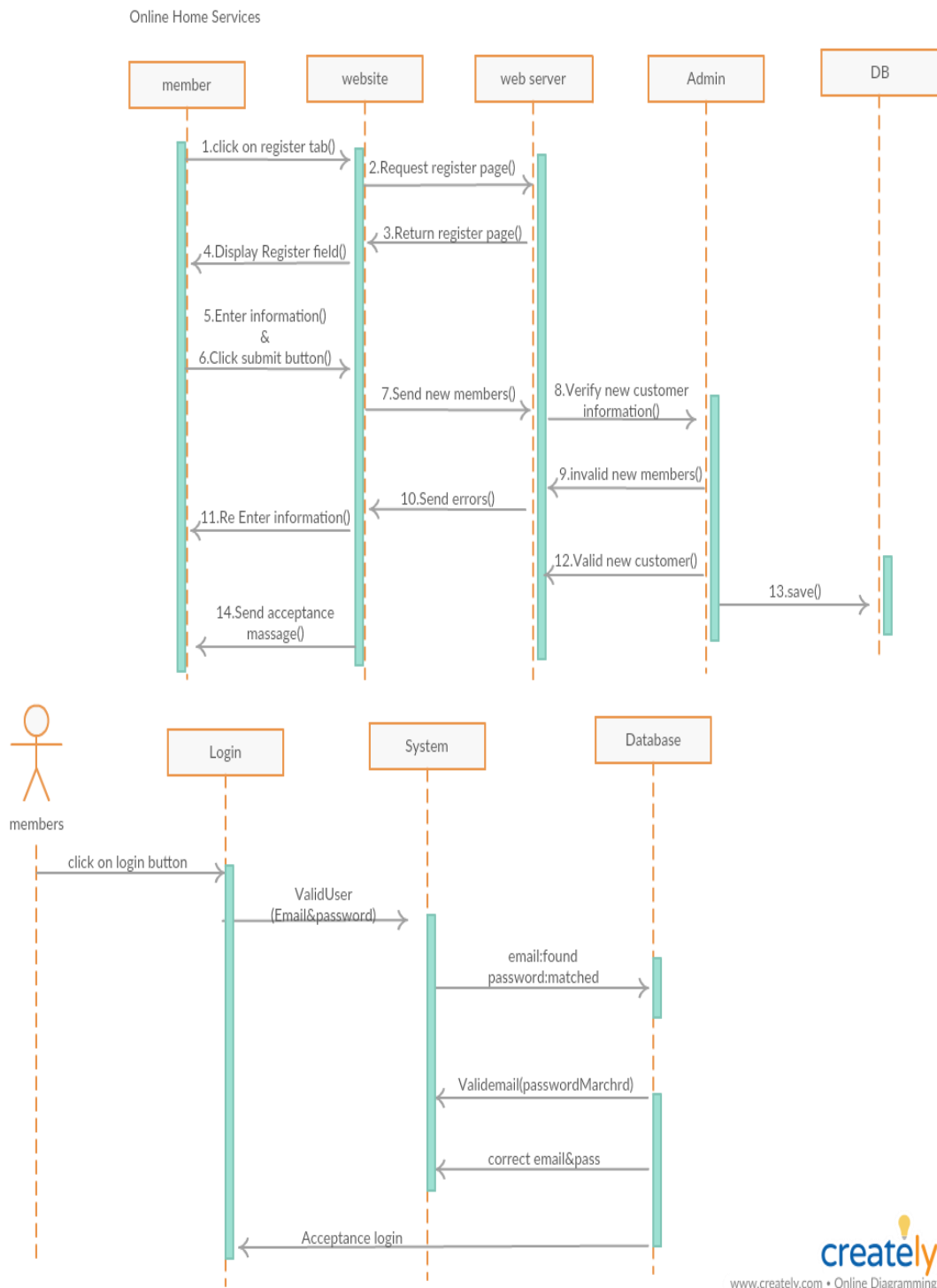
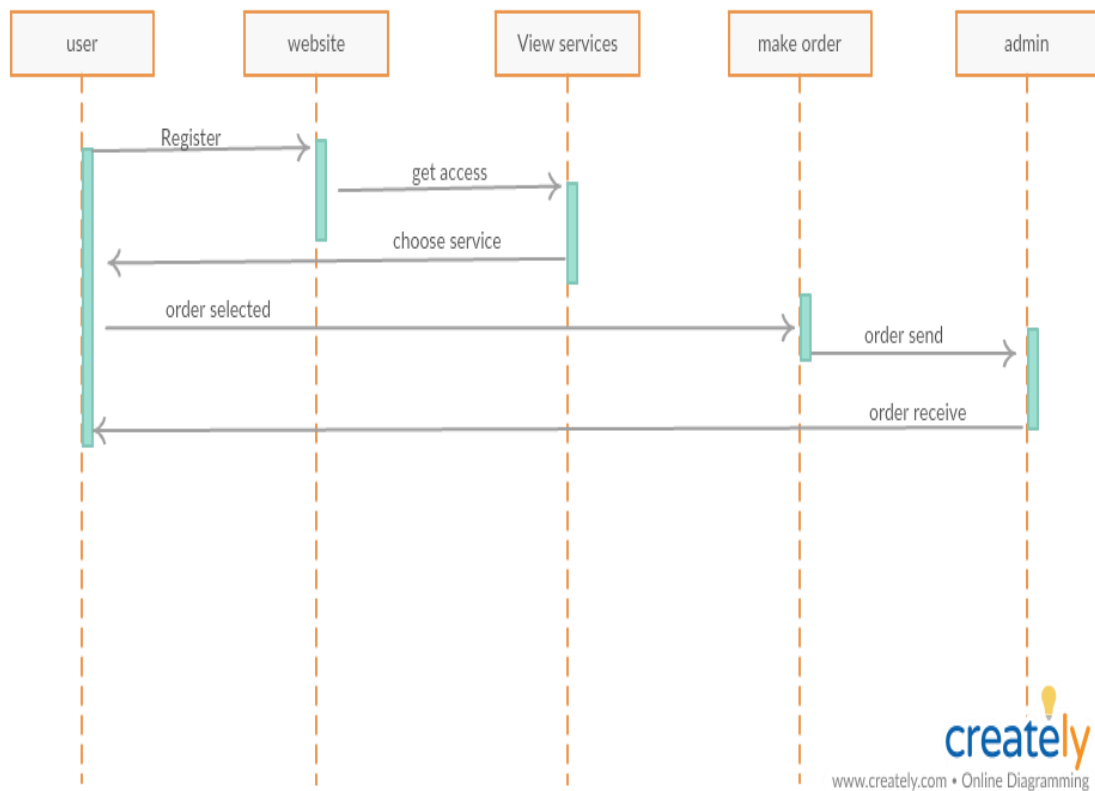


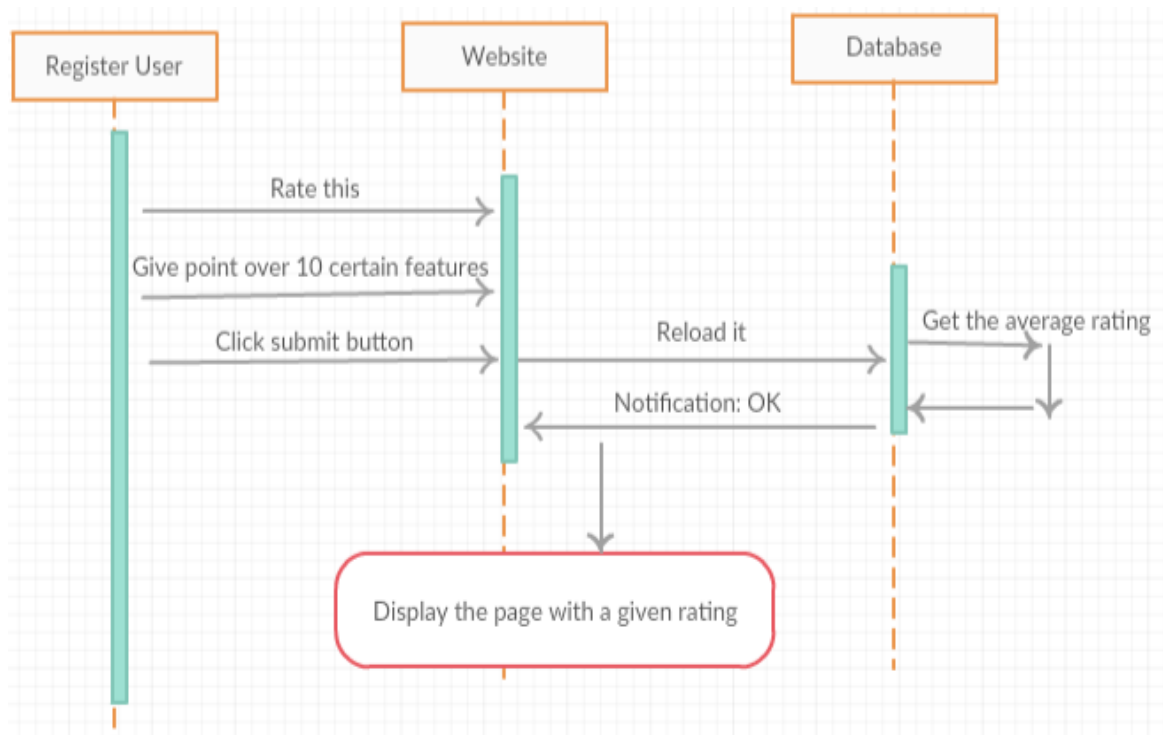
Fig. 3.4.1 Sequence diagram (register, login)

3.4.2 Make new order:



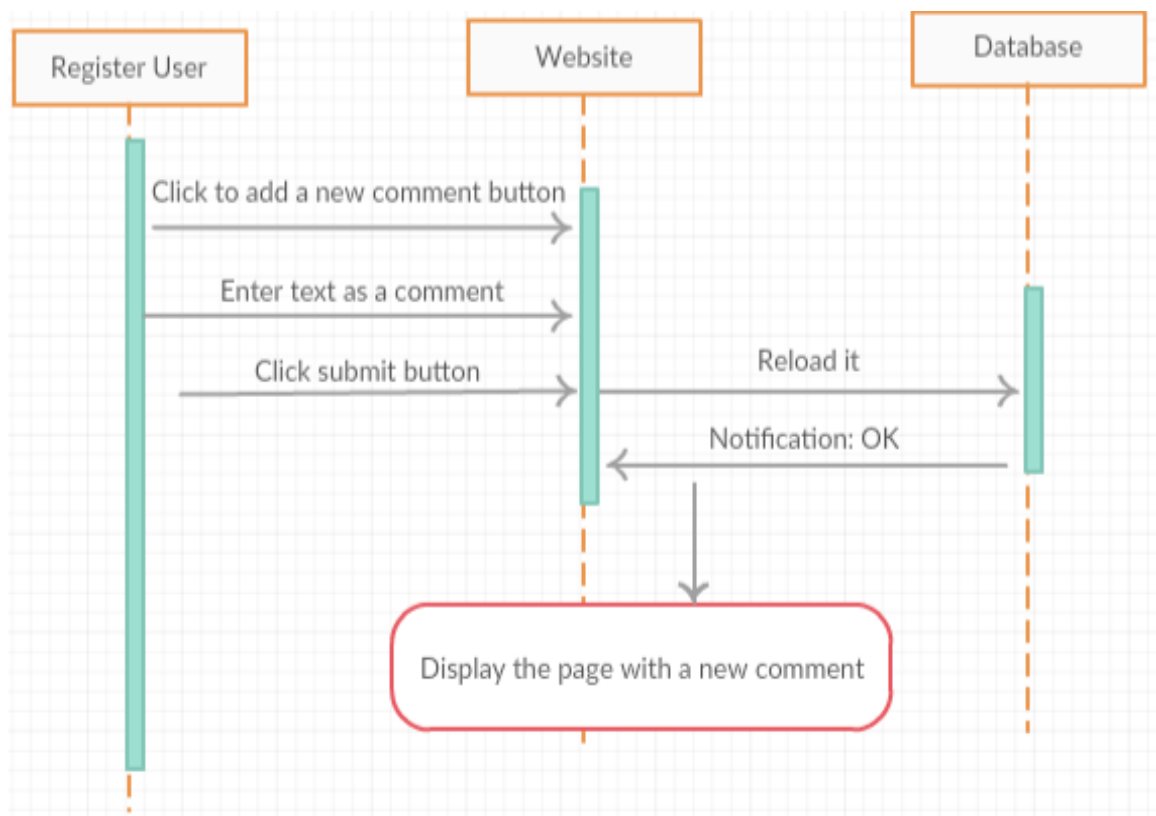
3.4.2 Sequence diagram (make order)

3.4.3 Evaluation service:



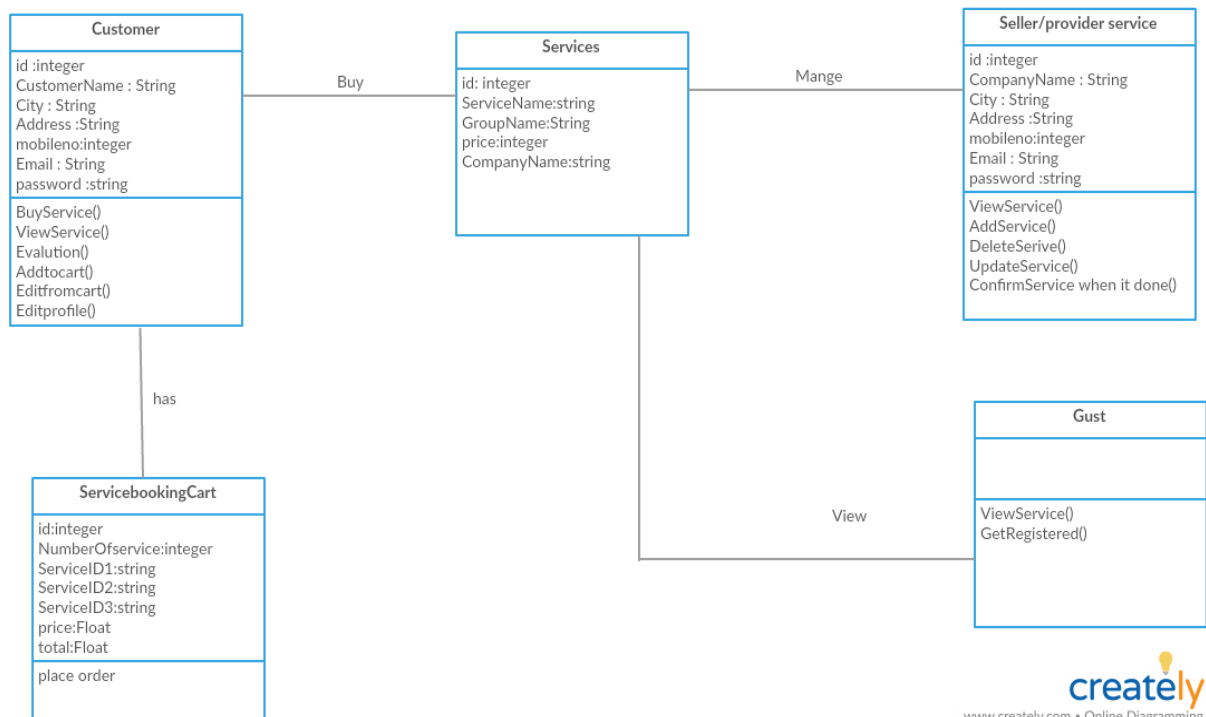
3.4.3 Sequence diagram (Evaluation)

3.4.4 Add comment:



3.4.4 Sequence diagram (Add comment)

3.5 Class diagram:



3.5 Class diagram

3.6 Step-by-Step Guide for creating our project

First: Install WordPress platform

1. Download the latest version of the open source WordPress work platform through the link <http://ar.wordpress.org>.
2. Download the XAMPP then install it and turn on the Aptech &SQL.
3. Create a new database on the local server through the link <http://localhost/phpmyadmin> then create one.
4. Unzip files after Word Press conversion and transfer within the main folder for local server.
5. Open wp-config.php file and write new database data (database name - database username).
6. After the login link open the site path on the browser and complete the installation data from (username - password - email).

Second: Planning and designing the site

1. With Adobe Photoshop, a site template is designed
2. Choose a suitable name for the site, write a logo in the design.

Third: Convert the design into code

1. Convert design from Photoshop Document to HTML, CSS, BOOTSTRAP.
2. Format images and files in folders for easier access by code.
3. The index.html, style.css files have been created.
4. Download Bootstrap for use in design responsiveness to all browsers and all sizes for mobile phones and tablets.
5. Link CSS and JS files in the Index.html file.
6. Create for each part DIV + Class part and format in Style.css file.

Finally: Installation of design on template functionals programming.

1. It used WordPress template have almost same idea of our project it called ("Service Finder").
2. Put the template files in the wp-content / themes folder.
3. Login to the WordPress control panel then go to templates option and then activate the template.
4. Install the included additions with the template
5. Adjust the template settings as needed on the site through the template control panel in the control panel.
6. Set up and translate template through the language file inside the template folder in the languages folder to support the Arabic language. Using poeditor program
7. Distribute the HTML design to the template's PHP files by moving the design pull down into the template folder and then distributing the design.
8. Format the internal pages of the template and change colors through the css files.

3.7 Web interfaces

3.7.1 Home page



Fig. 3.7.1 Home page

The homepage is **the most important page**, and gets more page views than any other page the main page contents:

- sign up page
- sign in page
- who we are
- what services we provide
- contact page

Now, we are going to explain each page and its content and its functionality.

3.7.2 Sign up page:

Sign up page: is page for registration in the web application to have full access to all the functionality available in the web.

There are two form of registration we have:

- **Provider service/ seller form**

(Company Name, first name, last name, email, password, mobile phone, Section of service)

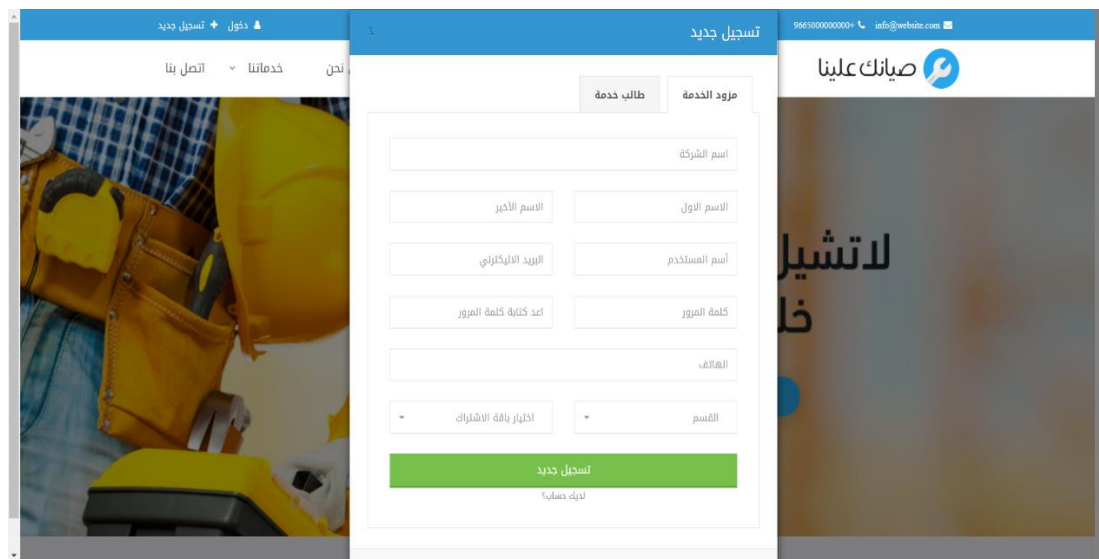


Fig. 3.7.2 Sign up page for provider service/seller

- **Customer form**

(First name, Last name, username, email, password)

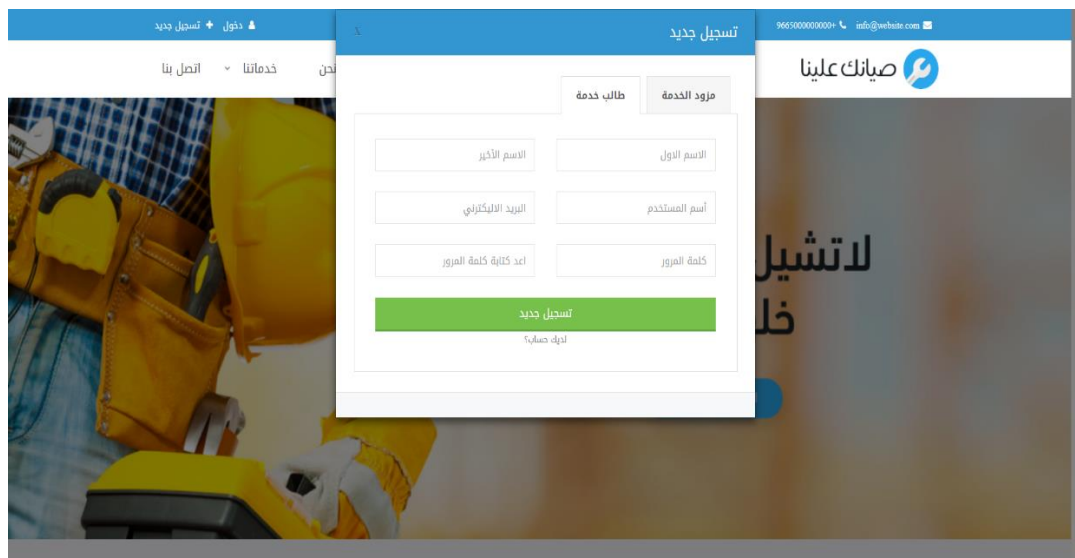


Fig. 3.7.2 Sign up page for customer

3.7.3 Sign in page:

Sign in page: is the process by which an individual gains access to the system by identifying and authenticating.

(User Name, password)

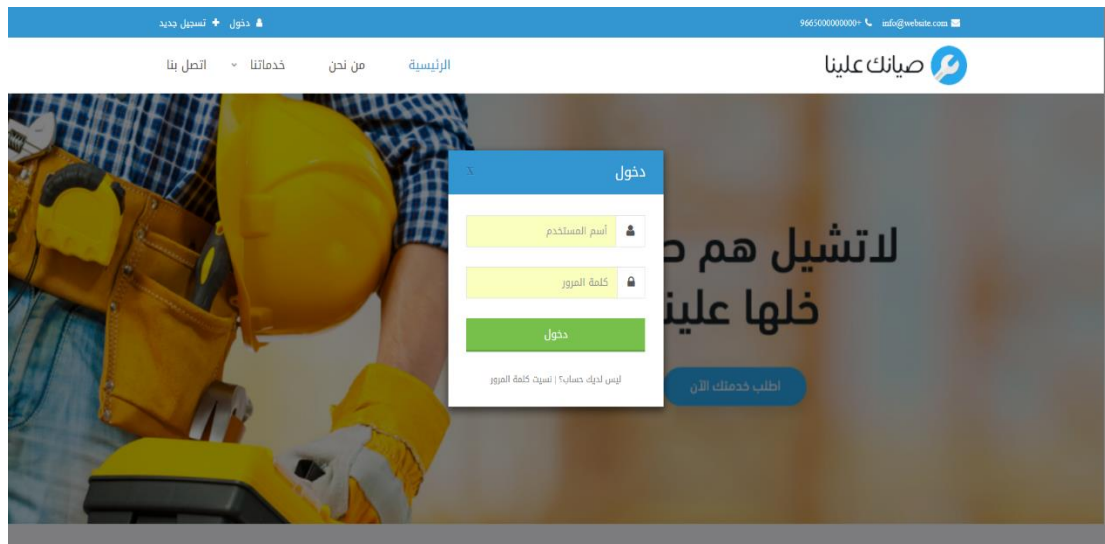


Fig. 3.7.3 Sign in page

3.7.4 Work area page:

useful information about website, brand, and team, but it should also encapsulate what your brand is, both stylistically and in terms of personality.

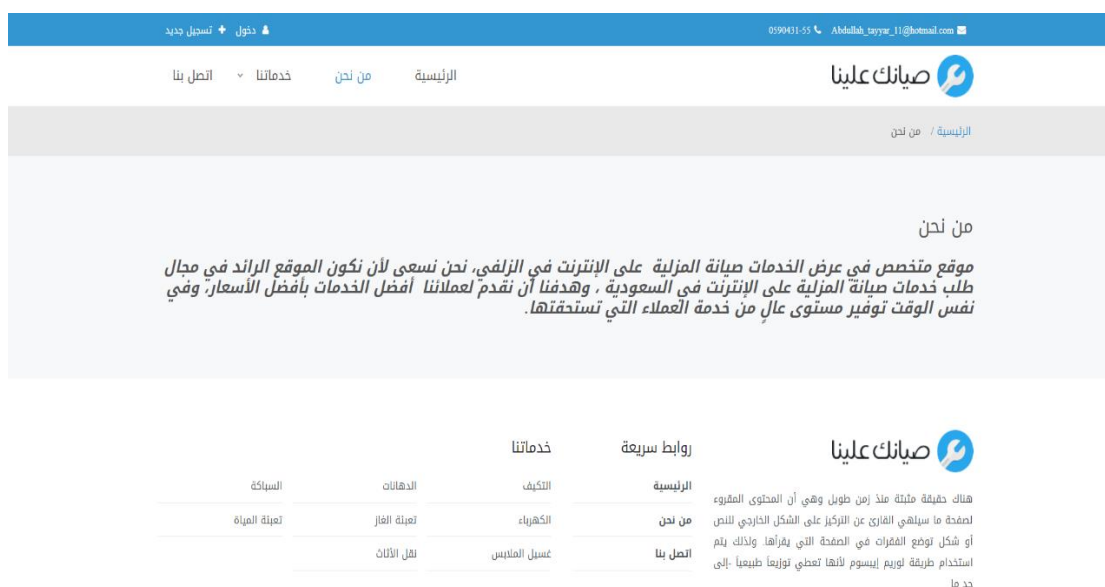


Fig. 3.7.4 Work area page

3.7.5 contact page:

A contact form is set of questions filled out on the webpage by your visitor that is automatically sent to your email when it is filled out it content map has our location, questions filled.

The contact page for 'صيانك علينا' (We care for you) includes the following elements:

- Header:** Navigation links for 'الرئيسية' (Home), 'من نحن' (About Us), 'خدماتنا' (Our Services), and 'اتصل بنا' (Contact Us). Contact details: 0590431-55, Abdullah_tayyar_11@hotmail.com.
- Map:** A placeholder for a Google Map showing the location.
- Contact Info:**
 - العنوان (Address): البريد الإلكتروني (Email): Abdullah_tayyar_11@hotmail.com
 - الهاتف (Phone): 0590431-55
- Contact Form:**
 - Fields for Name, Surname, and Email.
 - A large text area for the message.
 - Buttons for 'إعادة تعيين' (Reset) and 'ارسال' (Send).
- Footer:**
 - روابط سريعة (Quick Links): الرئيسية (Home), من نحن (About Us), اتصل بنا (Contact Us).
 - خدماتنا (Our Services):
 - التكليف (Maintenance): الكهرباء (Electricity), غسيل الملابس (Laundry).
 - الذهابات (Trips): تعبئة الغاز (Gas Refill), نقل الأثاث (Furniture Moving).
 - السياقة (Driving): تعبئة المياه (Water Refill).

Fig. 3.7.5 contact page:

3.7.6 User page:

A user profile can be used to store the description of the characteristics of person.

This information can be exploited by systems taking into account the persons' characteristics and preferences

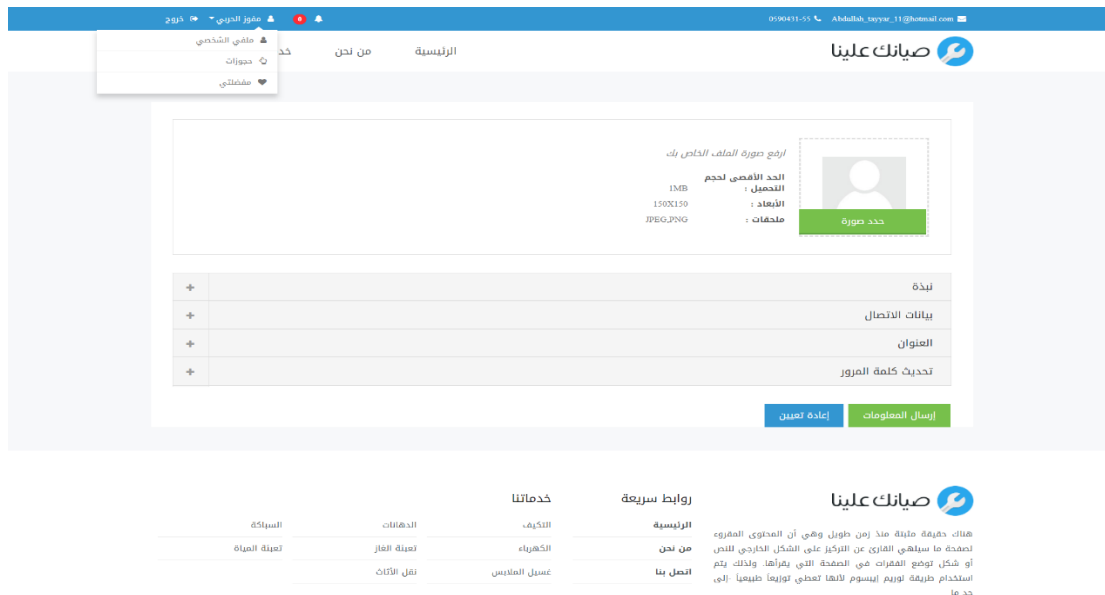


Fig. 3.7.6 User page:

At the top in the name filed you can view all the reservation and favorite services

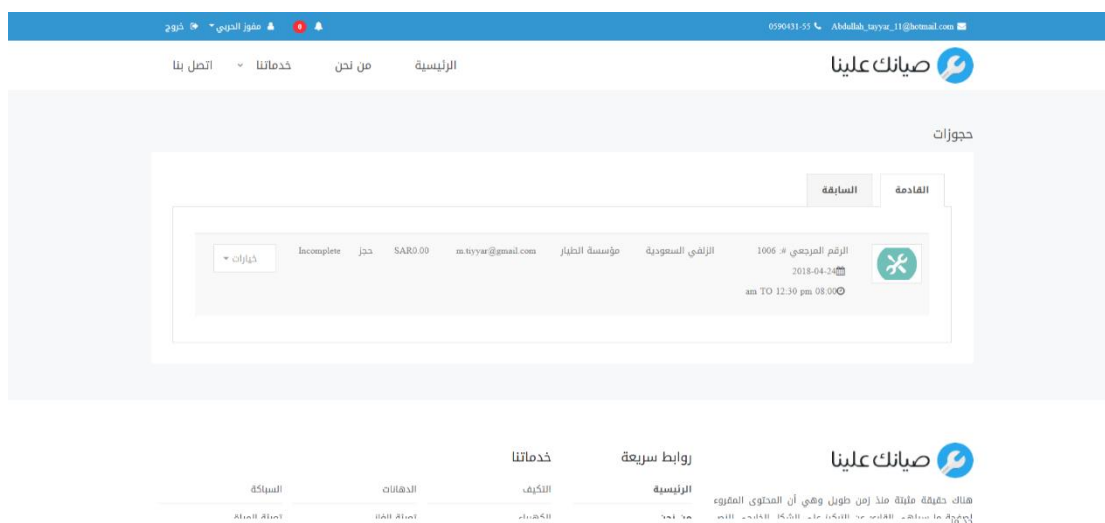


Fig. 3.7.6 User page:

3.7.7 Provider page:

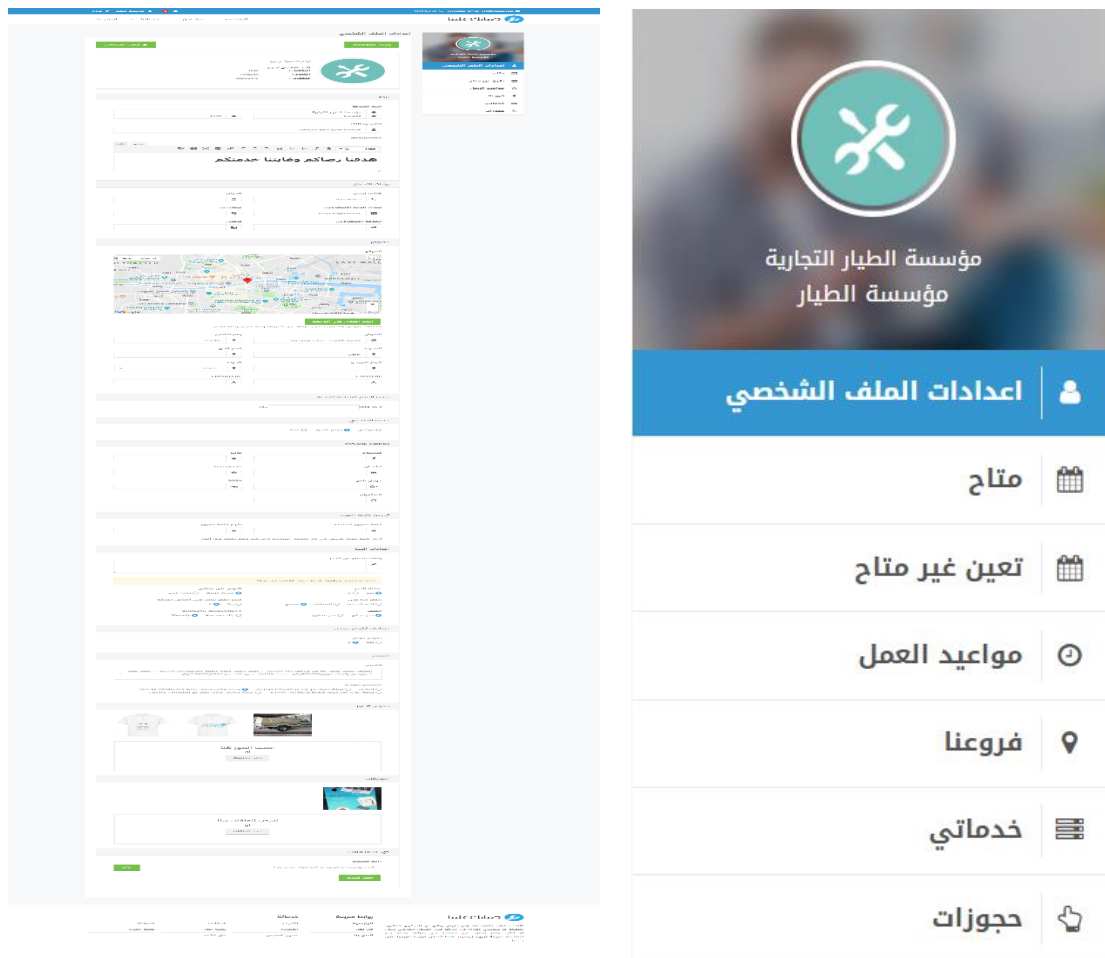


Fig. 3.7.7 provider page

A provider profile can be used to store the description of the company and more information about service, contact info, address location, set work time, promotion, social media, update a password, add work photo etc...

On the right side here, the seller functionals and info work:

- *Availability -Time Slots*
- *Unavailability-Time Slots*
- *Set work time*
- *Branches*
- *Services*
- *Reservations*

We are going to describe and explain each one and how it works.

- **Availability time slot page**

Means need to set time slots days/hours are you available to work for each day and max number of booked.

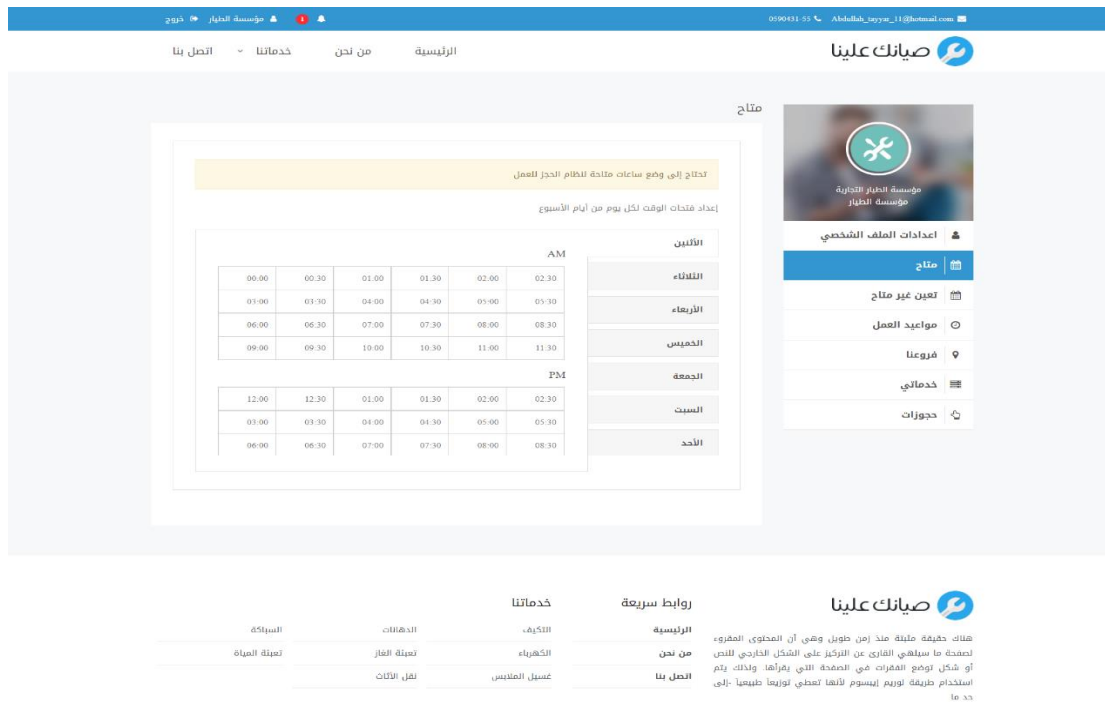


Fig. 3.7.7.1 Availability time slot page

- **Unavailability time slot page**

Select one or more-time slots days/hours to be off and customer can't make reservation on that time

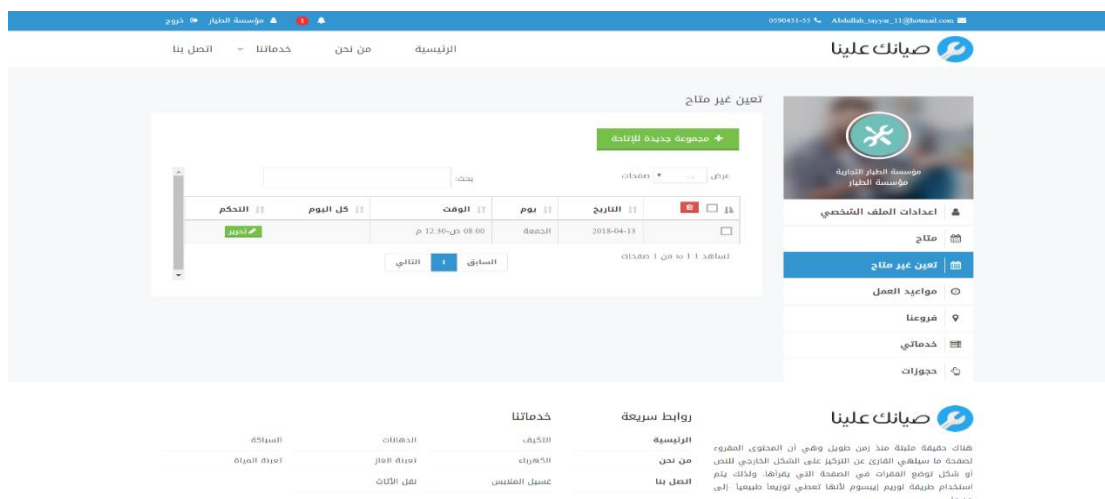


Fig. 3.7.7.2 Unavailability time slot page

- Set work time page

Means view available since it opens until close per day customer can book during that time.

مواعيد العمل

إعداد ساعات العمل لكل يوم من أيام الأسبوع

إيقاف ☐ موعد الانتهاء موعد البدء

إيقاف ☐ الأربعاء ☐ الثلاثاء ☐

إيقاف ☐ السبت ☐ الجمعة ☐

إيقاف ☐ الاثنين ☐

الي من

إيقاف ☐

الأثنين
الثلاثاء
الأربعاء
الخميس
الجمعة
السبت
الأحد

صيانك علينا

هناك حقيقة ماثلة منذ زمن طويل وهي أن المحتوى المقروء لخدمة ما سيأتي الفارق عن التركيز على الشكل الخارجي الذي أو شكى توضع المقرات في الصفحة التي يقرأها وذلك يتم استخدام طريقة أوريوم ليسوم لأنها تعطي توزيعاً طبعياً إلى حد ما

الرئيسية
من نحن
اتصل بنا

خدماتنا
التكليف
الكهرباء
غسيل الملابس

السيارة
تعبئة المياه
نقل الأثاث

مواعيد العمل

SUN	SAT	FRI	THU	WED	TUE	MON
AM 08:00 TO PM 10:30	AM 08:00 TO PM 10:30	AM 08:00 TO PM 10:30	AM 08:00 TO PM 10:30	AM 08:00 TO PM 10:30	AM 08:00 TO PM 10:30	AM 08:00 TO PM 10:30

Fig. 3.7.7.3 Set work time page

- **Branches page:**

one of the shops or groups that form part of a large business organization

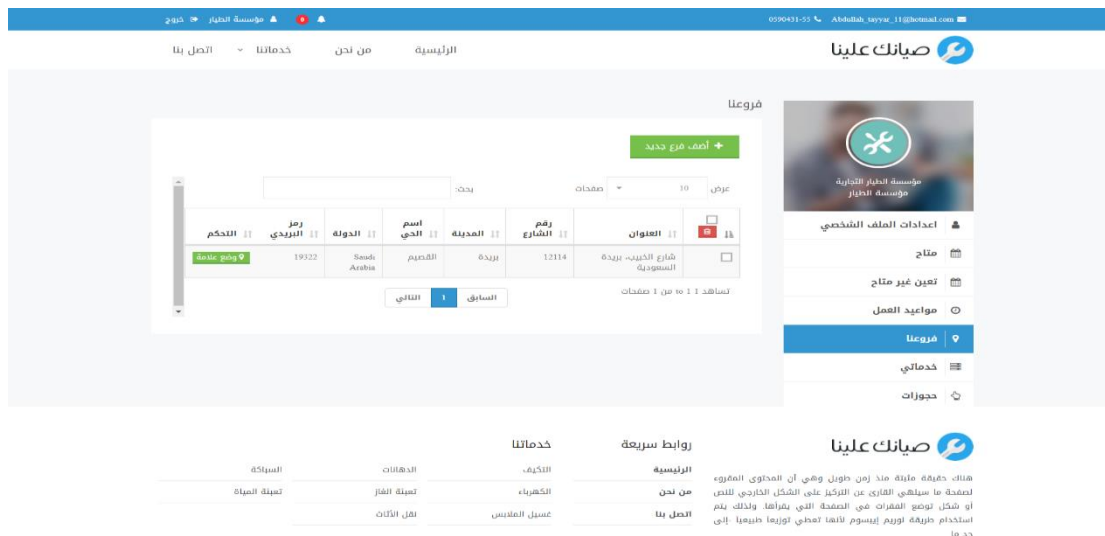


Fig. 3.7.7.4 Branches page:

- **Services page**

Here seller can create or add/remove, update services.

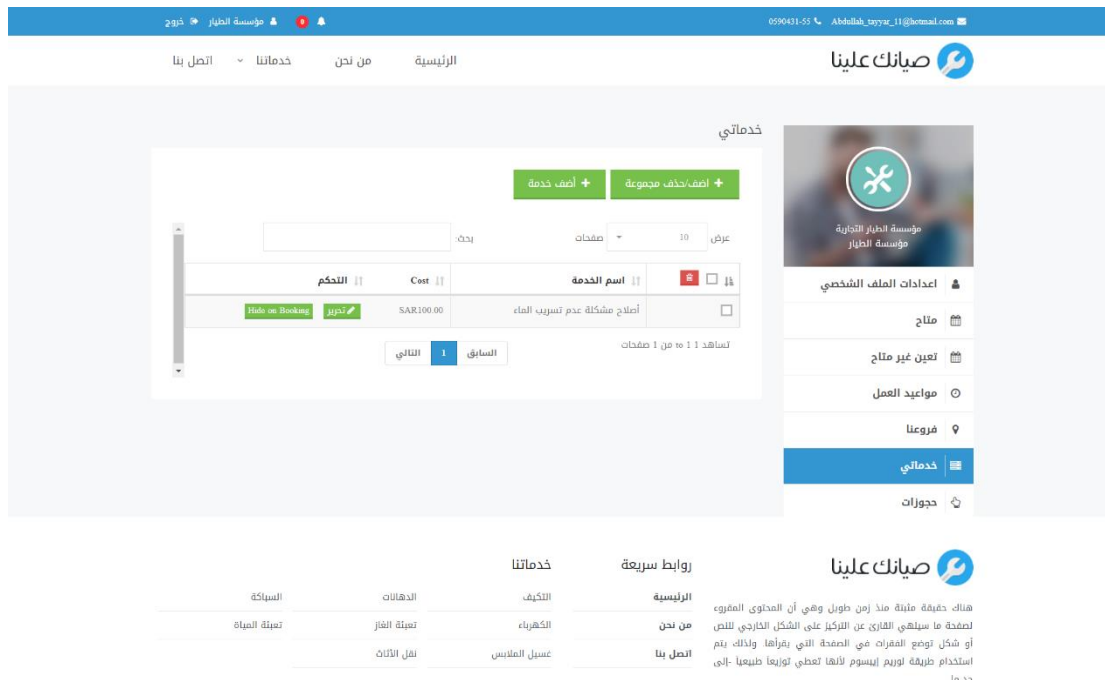


Fig. 3.7.7.5 Services page

- **Reservations page**

An arrangement whereby booking service.

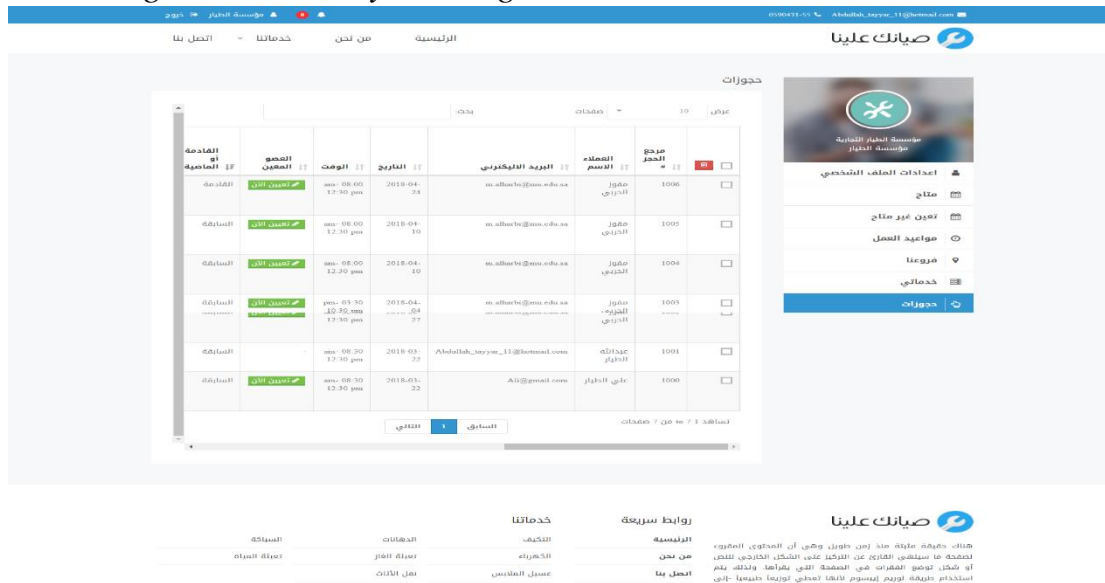


Fig. 3.7.7.6 Reservations page

3.8 Admin page

The Admin page gives you access to the Analytics administrative features.

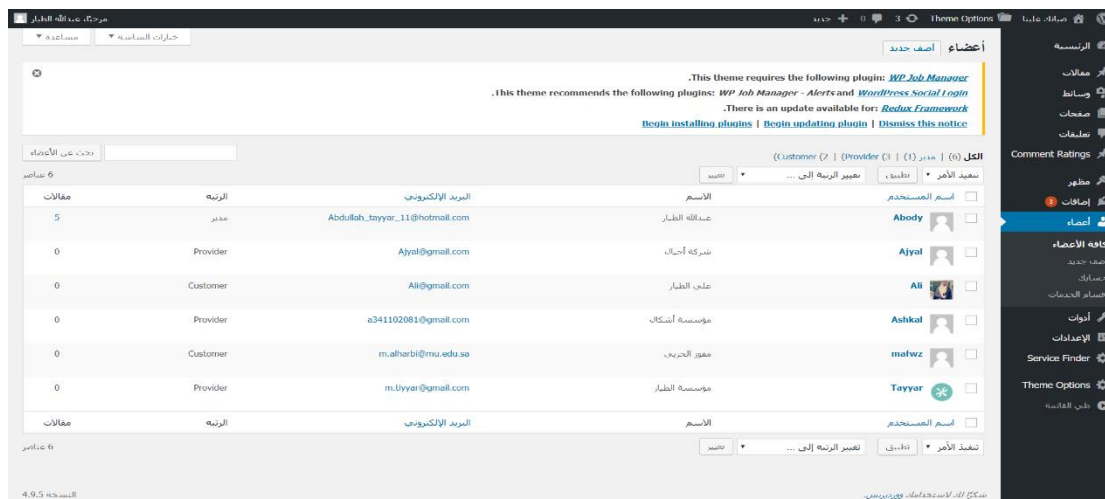


Fig. 3.8 Admin page

[illegible]

Note:

46

3.10 Database Tables:

Collection of information that is organized so that it can be easily accessed, managed and updated.

Data is organized into rows, columns and tables, and it is indexed to make it easier to find relevant information in our project Online Home Maintenance Service web application we have 42 tables.

We are going to pass the impotent table and explain it and what the purpose from it.

This is the capture for the whole database tables.

Table	Rows	Type	Collation	Size	Overhead
task	0	MyISAM	utf8_general_ci	10.0 KB	-
New	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_attachments	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_booked_se	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_bookings	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_branches	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_business	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_claims	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_customers	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_feedback	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_features	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_invoices	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_job_limits	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_notifications	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_providers	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_quotes	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_ratings	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_regions	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_services	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_services_an	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_services_gp	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_team_members	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_terminations	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_transactions	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_unavailable	0	MyISAM	utf8_general_ci	10.0 KB	-
service_finder_visitors_log	0	MyISAM	utf8_general_ci	10.0 KB	-
wp_comments	0	MyISAM	utf8_general_ci	10.0 KB	-
wp_commentsmeta	0	MyISAM	utf8_general_ci	10.0 KB	-

Fig. 3.10 Database

3.10.1 User table:

As it is clear from its name for the preservation of user data for the site of WordPress at all levels, whether it is admin or other ranks.

This table consists of ten columns:

#	Name	Type	Collation	Attributes	Null
1	ID 🔑	bigint(20)		UNSIGNED	No
2	user_login 🔑	varchar(60)	utf8mb4_unicode_ci		No
3	user_pass	varchar(255)	utf8mb4_unicode_ci		No
4	user_nicename 🔑	varchar(50)	utf8mb4_unicode_ci		No
5	user_email 🔑	varchar(100)	utf8mb4_unicode_ci		No
6	user_url	varchar(100)	utf8mb4_unicode_ci		No
7	user_registered	datetime			No
8	user_activation_key	varchar(255)	utf8mb4_unicode_ci		No
9	user_status	int(11)			No
10	display_name	varchar(250)	utf8mb4_unicode_ci		No

ID	user_login	user_pass	user_nicename	user_email	user_url	user_registered	user_status	display_name
6	Ashkal	\$P\$BLID0Xi6KBphJFEflcqQ1UEpYVXcU.	ashkal	a341102081@gmail.com		2018-03-05 21:55:52	0	مؤسسة اشكال
7	Abody	\$P\$BVcFUp3202vwEvPzUVYpL/QllmjrE.	abody	Abdullah_tayyar_11@hotmail.com		2018-03-05 22:10:49	0	عبدالله الطيار
8	Tayyar	\$P\$B3EINVPdKj2ouy0waYTfZ3SN2cDYFP0 2	m.tiyyar@gmail.com			2018-03-06 11:36:56	0	مؤسسة الطيار
9	Ajyal	\$P\$BXuVMDi3/yqbuZZODGtvYnjq9shReX1 2-2	Ajyal@gmail.com			2018-03-06 13:57:44	0	شركة ايجال
10	Ali	\$P\$B6lwMfLjqB3L8j2W8JOM8Vaz3aLA0k1	ali	Ali@gmail.com		2018-03-21 14:52:28	0	علي الطيار
11	mafz	\$P\$B7pi4n2W01IDKESXTL4msdMBN8sZP.	mafz	m.alharbi@mu.edu.sa		2018-03-26 06:25:01	0	مفوز الحربي

Fig. 3.10.1 user table

3.10.2 Usermeta table:

usermeta table to enable you to add more meta data for users without modification on the composition of tables (columns) and add more rows to this table. when you need to add certain data to the user such as its links in social networks.

this table consists of four columns:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	umeta_id 🔑	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT
2	user_id 🔑	bigint(20)		UNSIGNED	No	0		
3	meta_key 🔑	varchar(255)	utf8mb4_unicode_ci		Yes	NULL		
4	meta_value	longtext	utf8mb4_unicode_ci		Yes	NULL		

umeta_id	user_id	meta_key	meta_value
140	6	nickname	Ashkal
141	6	first_name	مؤسسة
142	6	last_name	اشكال
143	6	description	
144	6	rich_editing	true
145	6	syntax_highlighting	true
146	6	comment_shortcuts	false
147	6	admin_color	fresh
148	6	use_ssl	0
149	6	show_admin_bar_front	true
150	6	locale	
151	6	wp_capabilities	a:1:{s:8:"Provider";b:1;}

Fig. 3.10.2 usermeta table

3.10.3 Post table:

Table is not only for articles, but also for all types of articles, including pages and any other articles that are created in the website.

This table consists of twenty-three columns:

#	Name	Type	Collation	Attributes	Null
1	ID 🗝️	bigint(20)		UNSIGNED	No
2	post_author 🗝️	bigint(20)		UNSIGNED	No
3	post_date 🗓️	datetime			No
4	post_date_gmt	datetime			No
5	post_content	longtext	utf8mb4_unicode_ci		No
6	post_title	text	utf8mb4_unicode_ci		No
7	post_excerpt	text	utf8mb4_unicode_ci		No
8	post_status 🗝️	varchar(20)	utf8mb4_unicode_ci		No
9	comment_status	varchar(20)	utf8mb4_unicode_ci		No
10	ping_status	varchar(20)	utf8mb4_unicode_ci		No
11	post_password	varchar(255)	utf8mb4_unicode_ci		No
12	post_name 🗝️	varchar(200)	utf8mb4_unicode_ci		No
13	to_ping	text	utf8mb4_unicode_ci		No
14	pinged	text	utf8mb4_unicode_ci		No
15	post_modified	datetime			No
16	post_modified_gmt	datetime			No
17	post_content_filtered	longtext	utf8mb4_unicode_ci		No
18	post_parent 🗝️	bigint(20)		UNSIGNED	No
19	guid	varchar(255)	utf8mb4_unicode_ci		No
20	menu_order	int(11)			No
21	post_type 🗝️	varchar(20)	utf8mb4_unicode_ci		No
22	post_mime_type	varchar(100)	utf8mb4_unicode_ci		No
23	comment_count	bigint(20)			No

ID	post_author	post_date	post_date_gmt	post_content	post_title ▼ 1	post_status	comment_status	ping_status	post_name
8	7	2018-02-05 12:47:27	2018-02-05 09:47:27	موقع متخصص في عرض الخدمات ميونة ل...	من نحن	publish	closed	closed	about
9	7	2018-02-05 12:47:27	2018-02-05 09:47:27		من نحن	inherit	closed	closed	8-revision-v1
1897	7	2018-03-06 16:50:56	2018-03-06 13:50:56	موقع متخصص في عرض الخدمات ميونة الموزلة على الإنترنت	من نحن	inherit	closed	closed	8-autosave-v1
1898	7	2018-03-06 16:51:44	2018-03-06 13:51:44	موقع متخصص في عرض الخدمات ميونة الموزلة على الإنترنت	من نحن	inherit	closed	closed	8-revision-v1
1899	7	2018-03-06 16:53:02	2018-03-06 13:53:02	<img class="alignnone size-medium wp-image-1883" s...	من نحن	inherit	closed	closed	8-revision-v1
1900	7	2018-03-06 16:53:53	2018-03-06 13:53:53	<img class="alignnone size-medium wp-image-1891" s...	من نحن	inherit	closed	closed	8-revision-v1
1901	7	2018-03-06 16:54:33	2018-03-06 13:54:33	<h1>موقع متخصص في عرض الخدمات ميونة ل...	من نحن	inherit	closed	closed	8-revision-v1
1902	7	2018-03-06 16:54:55	2018-03-06 13:54:55	<h3>موقع متخصص في عرض الخدمات ميونة ل...	من نحن	inherit	closed	closed	8-revision-v1
1914	0	2018-03-26 09:25:01	2018-03-26 06:25:01		مفوز العربي	publish	open	closed	%d9%85%d9%81%d9%88%d8%b2- %d8%a7%d9%84%d8%ad%d8%b1%...

Fig. 3.10.3 post table

3.10.4 Comment table:

As is clear from the name, this is the table where the comments are saved. This table is linked to the wp_users user table if the comment is from a registered user on the site, and of course the article table is related to the article where the comment is due to a particular article where the ID of the article ID is the foreign key that is the linking.

This table consists of fifteen columns:

#	Name	Type	Collation	Attributes	Null
1	comment_ID	bigint(20)		UNSIGNED	No
2	comment_post_ID	bigint(20)		UNSIGNED	No
3	comment_author	tinytext	utf8mb4_unicode_ci		No
4	comment_author_email	varchar(100)	utf8mb4_unicode_ci		No
5	comment_author_url	varchar(200)	utf8mb4_unicode_ci		No
6	comment_author_IP	varchar(100)	utf8mb4_unicode_ci		No
7	comment_date	datetime			No
8	comment_date_gmt	datetime			No
9	comment_content	text	utf8mb4_unicode_ci		No
10	comment_karma	int(11)			No
11	comment_approved	varchar(20)	utf8mb4_unicode_ci		No
12	comment_agent	varchar(255)	utf8mb4_unicode_ci		No
13	comment_type	varchar(20)	utf8mb4_unicode_ci		No
14	comment_parent	bigint(20)		UNSIGNED	No
15	user_id	bigint(20)		UNSIGNED	No

comment_ID	comment_post_ID	comment_author	comment_author_email	comment_author_IP	comment_date	comment_date_gmt	comment_content	comment_karma	comment_approved	comment_agent	comment_parent	user_id
9	1894	عبدالله التاجر	Abdullah_tayar_11@hotmail.com :1		2018-03-06 14:56:46	2018-03-06 11:56:46	شكركم جدا على الخدمة المشغرة والسرعة	0	1	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit...	0	7

Fig. 3.10.4 comment table

3.10.5 Service_finder_unavailability

Table where saved time slots days/hours to be off and customer can't make reservation on that time.

This table consists of nine columns:

#	Name	Type	Collation	Attributes	Null
1	id	int(10)		UNSIGNED	No
2	provider_id	int(10)		UNSIGNED	No
3	date	date			No
4	day	varchar(255)	utf8_general_ci		No
5	start_time	time			Yes
6	end_time	time			Yes
7	wholeday	varchar(255)	utf8_general_ci		No
8	single_start_time	time			Yes
9	availability_method	varchar(255)	utf8_general_ci		No

id	provider_id	date	day	start_time	end_time	wholeday	single_start_time	availability_method
1	8	2018-03-07	Wednesday	08:00:00	12:30:00		NULL	timeslots
2	8	2018-03-24	Saturday	NULL	NULL	yes	NULL	timeslots
3	8	2018-04-13	Friday	08:00:00	12:30:00		NULL	timeslots

Fig. 3.10.5 Service_finder_unavailability

3.10.6 Service_finder_timeslots

Table where saved time slots days/hours are you available to work for each day and max number of booked.

table consists of seven columns:

#	Name	Type	Collation	Attributes	Null
1	id	int(10)		UNSIGNED	No
2	provider_id	int(10)		UNSIGNED	No
3	day	varchar(255)	utf8_general_ci		No
4	start_time	time			Yes
5	end_time	time			Yes
6	slotids	varchar(255)	utf8_general_ci		No
7	max_bookings	int(10)		UNSIGNED	No

id	provider_id	day	start_time	end_time	slotids	max_bookings
9	6	monday	08:30:00	12:30:00	liMon18-liMon26	2
10	6	monday	16:00:00	22:00:00	liMon33-liMon45	3
11	8	tuesday	08:00:00	12:30:00	liTues17-liTues26	2
12	8	tuesday	16:00:00	22:30:00	liTues33-liTues46	3

Fig. 3.10.6 Service_finder_timeslots

3.10.7 Service_finder_team_members

Table all the registered provider service data.

this table consists of eleven columns:

#	Name	Type	Collation	Attributes	Null	Default
1	id	int(10)		UNSIGNED	No	None
2	avatar_id	int(10)		UNSIGNED	No	None
3	member_name	varchar(255)	utf8_general_ci		Yes	
4	email	varchar(128)	utf8_general_ci		Yes	
5	phone	varchar(128)	utf8_general_ci		Yes	
6	service_area	text	utf8_general_ci		Yes	NULL
7	regions	varchar(128)	utf8_general_ci		Yes	
8	rating	decimal(10,2)			No	0.00
9	admin_wp_id	varchar(128)	utf8_general_ci		Yes	
10	is_admin	varchar(128)	utf8_general_ci		Yes	
11	region	varchar(128)	utf8_general_ci		Yes	


id	avatar_id	member_name	email	phone	service_area	regions	rating	admin_wp_id	is_admin
3	0	مؤسسة أشكال	a341102081@gmail.com	016-4221110	NULL		0.00	6	yes
4	0	مؤسسة الطيار	m.tiyyar@gmail.com	0590431055	NULL		0.00	8	yes
5	0	شركة أجيال	Ajyal@gmail.com	016-4221313	NULL		0.00	9	yes

Fig. 3.10.7 Service_finder_team_members

3.10.8 Service_finder_customers_data

Table for all the registered customer personal information.

This table consists of eleven columns:

#	Name	Type	Collation	Attributes	Null
1	id 	int(10)		UNSIGNED	No
2	wp_user_id	bigint(20)		UNSIGNED	Yes
3	phone	varchar(255)	utf8_general_ci		No
4	phone2	varchar(255)	utf8_general_ci		No
5	address	varchar(255)	utf8_general_ci		No
6	apt	varchar(255)	utf8_general_ci		No
7	city	varchar(255)	utf8_general_ci		No
8	state	varchar(255)	utf8_general_ci		No
9	zipcode	varchar(255)	utf8_general_ci		No
10	country	varchar(255)	utf8_general_ci		No
11	avatar_id	int(10)		UNSIGNED	No


id	wp_user_id	phone	phone2	address	apt	city	state	zipcode	country	avatar_id
4	10	0542495005		الزلفي		سمان	الخالدية	11932	المملكة العربية السعودية	1907
5	11	0542355447		الزلفي السعودية	1254	الزلفي	منطقة الرياض	12545	السعودية	0

Fig. 3.10.8 Service_finder_customers_data

3.10.9 Service_finder_business_hours

Table saved the available time since it opens until close per day customer can book during that time.

This table consists of six columns:

#	Name	Type	Collation	Attributes	Null
1	id 	int(10)		UNSIGNED	No
2	provider_id	int(10)		UNSIGNED	No
3	day	varchar(255)	utf8_general_ci		No
4	from_time	time			Yes
5	to_time	time			Yes
6	offday	varchar(255)	utf8_general_ci		No

id	provider_id	day	from_time	to_time	offday
2	6	friday	16:00:00	19:00:00	
3	8	tuesday	08:00:00	22:30:00	
4	8	wednesday	08:00:00	22:30:00	
5	8	thursday	08:00:00	22:30:00	
6	8	friday	08:00:00	22:30:00	
7	8	saturday	08:00:00	22:30:00	
8	8	sunday	08:00:00	22:30:00	
9	8	monday	08:00:00	22:30:00	

Fig. 3.10.9 Service_finder_business_hours

3.10.10 Service_finder_branches

Table saved one of the shops or groups form part of a large business organization.

This table consists of eleven columns:

#	Name	Type	Collation	Attributes	Null
1	id	int(10)		UNSIGNED	No
2	wp_user_id	bigint(20)		UNSIGNED	Yes
3	address	text	utf8_general_ci		Yes
4	apt	varchar(128)	utf8_general_ci		Yes
5	city	varchar(128)	utf8_general_ci		Yes
6	state	varchar(128)	utf8_general_ci		Yes
7	zipcode	varchar(128)	utf8_general_ci		Yes
8	country	varchar(128)	utf8_general_ci		Yes
9	lat	varchar(128)	utf8_general_ci		Yes
10	long	varchar(128)	utf8_general_ci		Yes
11	zoomlevel	int(10)		UNSIGNED	No

id	wp_user_id	address	apt	city	state	zipcode	country	lat	long	zoomlevel
1	8	شارع الخبيب، بريدة السعودية	12114	بريدة	القصيم	19322	Saudi Arabia			14

Fig. 3.10.10 Service_finder_branches

3.10.11 Service_finder_bookings

Table saved all arrangement details whereby booking service.

This table consists of fourteen columns:

#	Name	Type	Collation	Attributes	Null
1	id	int(10)		UNSIGNED	No
2	created	datetime			No
3	date	date			No
4	start_time	time			Yes
5	end_time	time			Yes
6	jobid	int(10)		UNSIGNED	No
7	provider_id	int(10)		UNSIGNED	No
8	member_id	int(10)		UNSIGNED	No
9	services	varchar(255)	utf8_general_ci		Yes
10	booking_customer_id	int(10)		UNSIGNED	No
11	type	varchar(255)	utf8_general_ci		Yes
12	status	enum('Pending', 'Completed', 'Cancel', 'Need-Approve')	utf8_general_ci		No
13	order_id	int(10)		UNSIGNED	No
14	gcal_booking_id	varchar(255)	utf8_general_ci		Yes

id	created	date	start_time	end_time	jobid	provider_id	member_id	services	booking_customer_id	type	status	adminfee	order_id	gcal_booking_id
1000	2018-03-21 09:56:51	2018-03-22	08:30:00	12:30:00	0	8	0		1	free	Pending	0.00	0	
1001	2018-03-21 10:00:30	2018-03-22	08:30:00	12:30:00	0	8	0		2	free	Completed	0.00	0	
1002	2018-03-26 01:47:21	2018-03-27	08:00:00	12:30:00	0	8	0		3	free	Pending	0.00	0	
1003	2018-04-02 01:36:48	2018-04-04	15:30:00	22:30:00	0	8	0		4	free	Pending	0.00	0	
1004	2018-04-09 01:51:00	2018-04-10	08:00:00	12:30:00	0	8	0		5	free	Pending	0.00	0	
1005	2018-04-09 01:52:13	2018-04-10	08:00:00	12:30:00	0	8	0		6	free	Pending	0.00	0	
1006	2018-04-12 10:57:17	2018-04-24	08:00:00	12:30:00	0	8	0		7	free	Pending	0.00	0	

Fig. 3.10.11 Service_finder_bookings

3.10.12 Service_finder_attachments

Table saved all images either related to customer or provider service all saved in this table.

This table consists of four columns:

#	Name	Type	Collation	Attributes	Null
1	id 🔑	int(10)		UNSIGNED	No
2	wp_user_id	bigint(20)		UNSIGNED	Yes
3	attachmentid	int(10)		UNSIGNED	No
4	type	varchar(100)	utf8_general_ci		No
id	wp_user_id	attachmentid	type		
1	8	1910	gallery		
2	8	1911	gallery		
3	8	1912	gallery		
4	8	1913	file		

Fig. 3.10.12 Service_finder_attachments

3.10.13 Service_finder_feedback

Table saved the rate and evaluate on service.

This table consists of eight columns:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id 🔑	int(10)		UNSIGNED	No	None		AUTO_INCREMENT
2	provider_id	int(10)		UNSIGNED	No	None		
3	customer_id	int(10)		UNSIGNED	No	None		
4	member_id	int(10)		UNSIGNED	No	None		
5	booking_id	int(10)		UNSIGNED	No	None		
6	comment	text	utf8_general_ci		No	None		
7	rating	decimal(10,2)			No	0.00		
8	date	datetime			No	None		

Fig. 3.10.13 Service_finder_feedback

3.11 Coding source



```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
  <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>صيانك علينا / لاتشيل هم الصيانة</title>

  <!-- HTML5 shim and Respond.js for IE8 support of HTML5 elements and media
queries -->
  <!-- WARNING: Respond.js doesn't work if you view the page via file:// -->
  <!--[if lt IE 9]>
  <script type="text/javascript" src="js/html5shiv.js"></script>
  <script type="text/javascript" src="js/respond.min.js"></script>
  <![endif]-->

  <!-- Original Bootstrap 3.x -->
  <link rel="stylesheet" href="css/bootstrap.min.css">
  <link rel="stylesheet" href="css/bootstrap-rtl.css">
  <link href="css/animate.css" rel="stylesheet" media="all">
  <link rel="stylesheet" href="style.css" type="text/css">
  <script type="text/javascript"
src="https://use.fontawesome.com/6163933858.js"></script>
</head>
<body>

<div class="page-wrapper">
  <header id="header-part">
    <div class="top-bar">
      <div class="container">
        <div class="row">
          <div class="col-md-6 col-sm-6 col-xs-6">
            <ul class="list-unstyled e-p-bx">
              <li>
                <a href="#"><i class="fa fa-envelope"></i>
site@website.com</a>
              </li>
              <li>
                <a href="#"><i class="fa fa-phone"></i>
966600000000000</a>
              </li>
            </ul>
          </div>
          <div class="col-md-6 col-sm-6 col-xs-6">
```



```

        <ul class="login-bx list-inline fs-customer-status">
            <li><i class="fa fa-user"></i><a href="#">دخول</a></li>
            <li><i class="fa fa-plus"></i><a href="#">تسجيل جديد</a></li>
        </ul>
        <ul class="social-bx list-inline">
            <li><a href="http://facebook.com" class="fa fa-facebook"
rel="nofollow" target="_blank"></a></li>
            <li><a href="http://www.linkedin.com" rel="nofollow" class="fa
fa-linkedin" target="_blank"></a></li>
            <li><a href="https://twitter.com/" rel="nofollow" class="fa fa-
twitter" target="_blank"></a></li>
        </ul>

    </div>
</div>
</div>
</div>

<div class="main-bar clearfix">
    <div class="container">
        <div class="logo-header mostion">
            <div class="logo-header-inr">
                <a href="#">
                    
                </a>
            </div>
        </div>
    </div>

    <div class="header-nav navbar-collapse collapse ">
        <ul id="primary-menu" class="nav navbar-nav">
            <li><a href="#">رابط نصي</a> </li>
            <li><a href="#">رابط نصي</a> </li>
            <li><a href="#">رابط نصي</a> </li>
            <li><a href="#">رابط نصي</a> </li>
        </ul>
    </div>
</div>
</div>
</div>
</header>
<div class="clearfix"></div>
<div class="banner">
    
</div>
<div class="clearfix"></div>
<div class="container">
    <div class="services " >
        <h4 class="h-tittle">الخدمات التي نقدمها</h4>
        <div class="row serv">

```

```

<!-- Left part start -->
<div class="col-md-3 col-xs-6 col-sm-6 text-center mb30">
  <a href="#">
    
    <h4>الكهرباء</h4>
  </a>
</div>

<div class="col-md-3 col-xs-6 col-sm-6 text-center mb30">
  <a href="#">
    
    <h4>السباكة</h4>
  </a>
</div>

<div class="col-md-3 col-xs-6 col-sm-6 text-center mb30">
  <a href="#">
    
    <h4>التكييف</h4>
  </a>
</div>

<div class="col-md-3 col-xs-6 col-sm-6 text-center mb30">
  <a href="#">
    
    <h4>الدعائنات</h4>
  </a>
</div>

<div class="col-md-3 col-xs-6 col-sm-6 text-center mb30">
  <a href="#">
    
    <h4>نقل الأثاث</h4>
  </a>
</div>

<div class="col-md-3 col-xs-6 col-sm-6 text-center mb30">
  <a href="#">
    
    <h4>تعبيبة المياة</h4>
  </a>
</div>

<div class="col-md-3 col-xs-6 col-sm-6 text-center mb30">
  <a href="#">
    
    <h4>تعبيبة الغاز</h4>
  </a>
</div>

```

```

<div class="col-md-3 col-xs-6 col-sm-6 text-center mb30">
  <a href="#">
    
    <h4>غسيل الملابس</h4>
  </a>
</div>
<!-- Side bar END -->
</div>
</div>
</div>

<section class="bott">
  <div class="container">
    <div class="row">
      <div class="col-md-4 mb20 text-center">
        
        <h4>احجز موعدك بكل سهولة</h4>
      </div>
      <div class="col-md-4 mb20 text-center">
        
        <h4>عدد كبير من مزودي الخدمات</h4>
      </div>
      <div class="col-md-4 mb20 text-center">
        
        <h4>مزودي خدمات محترفين</h4>
      </div>
    </div>
  </div>
</section>
<!-- Content END-->

<footer>
  <div class="container">
    <div class="row">
      <div class="col-md-4">
        
        <div class="clearfix"></div>
        <br />
        <p>
          هناك حقيقة مثبتة منذ زمن طويل وهي أن المحتوى المقروء لصفحة ما سيلهي القارئ عن
          التركيز على الشكل الخارجي للنص أو شكل توضع الفقرات في الصفحة التي يقرأها
        </p>
      </div>
    </div>

    <div class="col-md-2">
      <h4>روابط سريعة</h4>
      <div class="fblink">
        <ul>
          <li><a href="#">الرئيسية</a></li>

```

```

        <li><a href="#">من نحن</a></li>
        <li><a href="#">اتصل بنا</a></li>
    </ul>
</div>

<div class="col-md-6">
    <h4>روابط سريعة</h4>
    <div class="flink flink2">
        <ul>
            <li><a href="#">اسم الخدمة</a> </li>
            <li><a href="#">اسم الخدمة</a> </li>
            <li><a href="#">اسم الخدمة</a> </li>
            <li><a href="#">اسم الخدمة</a> </li>
            <li><a href="#">اسم الخدمة</a> </li>
            <li><a href="#">اسم الخدمة</a> </li>
            <li><a href="#">اسم الخدمة</a> </li>
            <li><a href="#">اسم الخدمة</a> </li>
        </ul>
    </div>
</div>

</div>

</div>

<script src="js/jquery.min.js" type="text/javascript"></script>
<script src="js/bootstrap.min.js" type="text/javascript"></script>

</body>
</html>

```

Chapter 4:

4.1 Results and discussion

Results

The result is made a web application able to gather all the provider service/seller who has physical shops around all the city and customer able to make reservation directly to the shop to get a home maintenance technician easily.

The web application provides multiple kind of services and has many features either customer side or seller side.

Some of the customer features:

- ✓ *There is no tax for making reservation in our web app.*
- ✓ *Can pay when service is done.*
- ✓ *Customer can know the cheapest price for specific type of service*
- ✓ *When customer makes more than three orders will have discount on the next services.*
- ✓ *customer can see evolution on the provider service/seller*
- ✓ *There are more the one provider services in case one is busy the other can handle requests*

provider service/seller side:

- ✓ *There is no tax for registered in our web app.*
- ✓ *Easily and clear to interact with interface*
- ✓ *Add/remove, update services*
- ✓ *Possibility either to set time slot or work time*
- ✓ *Can use the map to locate the shops*

Also, the web app is going to helps the community for those whose unable to reach the physical shops, knowing the real price of the service by providing more than one seller this will fighting greed, competes for the service quality through customer evaluation

Discussion

During two semesters we have regular meeting with my supervisor Dr. Moufuz al-Harbi ones a week, through that meeting we discuss the developments that took place and the amendments about graduation project which is Online Home Maintenance Service web application.

We are going to take a brief review about what discussed and learned from the graduation project through the two semesters:

Semester one:

- ✓ discussed similar ideas from sites and applications.*
- ✓ discussed Feasibility study and statistical*
- ✓ discussed the requirements of the service provider and customer*
- ✓ discussed Use UML to analyze the system*
- ✓ discussed the design the system.*

Semester two:

- ✓ discussed the tools and platform we are going to work on during creating the web app.*
- ✓ Discussed why chose these tools and platform*
- ✓ Discussed to set a plan to distribute the work across the whole semester.*
- ✓ Discussed the template design and its functionality*
- ✓ Discussed adjusting on the template design*
- ✓ Discussed the database issues.*
- ✓ Discussed going to physical shops and ask the seller about ideas the really need it to put it in our web app*
- ✓ Discussed programming the system and then test it*

4.2Conclusions:

The proposed system is a website called “an online home maintenance”, the project is based on covering the gap between the customer and service provider, helping people to live their life with more luxury and easier steps. This project starts by reviewing the literature on similar ideas from sites and applications and studying feasibility study and statistical. Then the requirements of the service provider and customer have been described, this has been done by use Unified Modelling Language(UML), in order to analyze the system requirement. The system has been implemented by WordPress tools.

After having the project done we have learned to perform a complete literature Review, perform a complete structural analysis, and perform the design of all structural elements (UML). The Future work for this project is to include more services type. The system will include more cities, also when customer make orders more than three times will got free cleaning on the next services. Finally, it will have at least 5 days guarantee in any service.

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