

ACKNOWLEDGEMENT

I would like to express my appreciation to my supervisor, **(Dr. Hani ALQUHAYZ)** who has cheerfully answered my queries, provided me with materials, checked my examples, assisted me in a myriad ways with the writing and helpfully commented on earlier drafts of this project. Also, I am also very grateful to my friends, all family for their good humor and support throughout the production of this project.

Table of Contents

Table of Contents	3,4,5
-------------------------	-------

Chapter 1

1.1 Introduction	5
1.2 What is an idea of project?	5
1.3 Project Aims (Objectives)	5
1.4 Problem statement	6
1.5 Feasibility study	7
1.6 Questionnaire	8
1.7 Literature Reviews.....	10
1.8 project scheduling	11
1.9 System development	12
1.10 process model	15

Chapter2

2.1 Purpose	17
2.2 Scope of Project	17
2.3 Glossary	17
2.4 System environment	18
2.5 User characteristic	18
2.6 Use Case 1	18
2.7 Use Case 2	18
2.8 Use Case 3	19
2.9 Use Case 4	19

Chapter3

3.1 System design	21
3.1.1 Home page	21
3.1.2 Registration page	22
3.1.3 Login page	22
3.1.4 Add New Product page	23
3.1.6 Buy a Product page	23
3.2 ER diagram	24
3.3 Class diagram	25
3.4 Data flow diagram	26
3.5 Sequence diagram (login)	26
3.6 Sequence diagram	27
3.7 Activity diagram	27
3.8 Use case diagram	28
3.9 What is WordPress.....	29
3.10 What is Content Management System	29
3.11 Advantages.....	30
3.12 Big names use WordP.....	30
3.13Action Steps.....	32
3.14DataBase.....	33
3.15conclusions.....	34
3.16 Reference	35

1.1- Introduction

productive families which enables families in the community to participate effectively in the economic sector, promote family products and increase production to benefit the family and the community.

1.2 what is an idea of project ?

The project is a site to facilitate the access of customers to productive families by creating an environment that combines productive families and buyers.

1.3 Project Aims (Objectives)

- Increasing Family Income
- Speed in promoting products to the seller
- Speed in choosing the product for the buyer
- Link between seller and buyer
- Create a seller or buyer account
- Product evaluation
- Commenting on products
- Communicating with the seller easily

1.4 Problem statement:

The problem of the customers is to find a specific place that the productive families display and sell their products in, and the problem of the productive families is that they cannot be able to market their products.

This website will be for serving productive families. It is designed to help productive families in marketing their products, and to make it easy for customers to reach to productive families. In addition to this, It will also, facilitate communication between productive families and customers.

1.5 Feasibility Study:

The feasibility study is an analysis of the ability to complete a project successfully, taking into account legal, economic, technological, scheduling and other factors.

Rather than just diving into a project and hoping for the best, a feasibility study allows project managers to investigate the possible negative and positive outcomes of a project before investing too much time and money.

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 webside

1.6 Questionnaire



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

1. هل سبق وعرضت منتج عن طريق الانترنت؟							نسبة الإجابات	إجمالي الإجابات
1	نعم						52.17%	16
2	لا						47.83%	14
تحليل	متوسط:	1.48	انحراف معياري:	0.5	معدل الرضا:	47.83	تم الإجابة عليه	30
	اختلاف:	0.25	خطأ معياري:	0.1			تم تخطيه	3



2. هل تؤيد المعاملات الإلكترونية او اليدوية ؟							نسبة الإجابات	إجمالي الإجابات
1	الإلكترونية						65.22%	15
2	اليديوية						34.78%	8
تحليل	متوسط:	1.35	انحراف معياري:	0.48	معدل الرضا:	34.78	تم الإجابة عليه	23
	اختلاف:	0.23	خطأ معياري:	0.1			تم تخطيه	4

3. هل سبق واشترت منتج من الانترنت؟							نسبة الإجابات	إجمالي الإجابات
1	نعم						86.67%	26
2	لا						13.33%	4
تحليل	متوسط:	1.13	انحراف معياري:	0.34	معدل الرضا:	13.33	تم الإجابة عليه	30
	اختلاف:	0.12	خطأ معياري:	0.06			تم تخطيه	4



4. ما رأيك في انشاء موقع للاسر المنتجه؟

		نسبة الإجابات	إجمالي الإجابات
1	مفيد		95.65% 22
2	غير مفيد		4.35% 1
تحليل	متوسط:	1.04	انحراف معياري: 0.2
	اختلاف:	0.04	خطأ معياري: 0.04
		معدل الرضا: 4.35	تم الإجابة عليه: 23
			تم تخطيه: 3

5. هل تتوقع ان الموقع سوف يزيد انتاج الاسر .

		نسبة الإجابات	إجمالي الإجابات
1	نعم		62.16% 23
2	لا		37.84% 14
تحليل	متوسط:	1.38	انحراف معياري: 0.48
	اختلاف:	0.24	خطأ معياري: 0.08
		معدل الرضا: 37.84	تم الإجابة عليه: 37
			تم تخطيه: 1

6. هل الموقع سوف يسهل للمشتري الوصول الى الاسر المنتجة؟

		نسبة الإجابات	إجمالي الإجابات
1	نعم		96.65% 21
2	لا		3.35% 2
تحليل	متوسط:	1	انحراف معياري: 0
	اختلاف:	0	خطأ معياري: 0
		معدل الرضا: 3.35%	تم الإجابة عليه: 23
			تم تخطيه: 4

7. هل تعتقد ان المجتمع يحتاج الموقع؟

						نسبة الإجابات	إجمالي الإجابات	
1	نعم						62.96%	17
2	لا						37.04%	10
تحليل	متوسط:	1.37	انحراف معياري:	0.48	معدل الرضا:	37.04	تم الإجابة عليه	27
	اختلاف:	0.23	خطأ معياري:	0.09			تم تخطيه	5

1.7 Literature reviews:

In Internet networks there are similar websites

1- Application of productive families

- There's no website for this application , the only access is iPhone
- The application is for UAE only



2- account of productive families

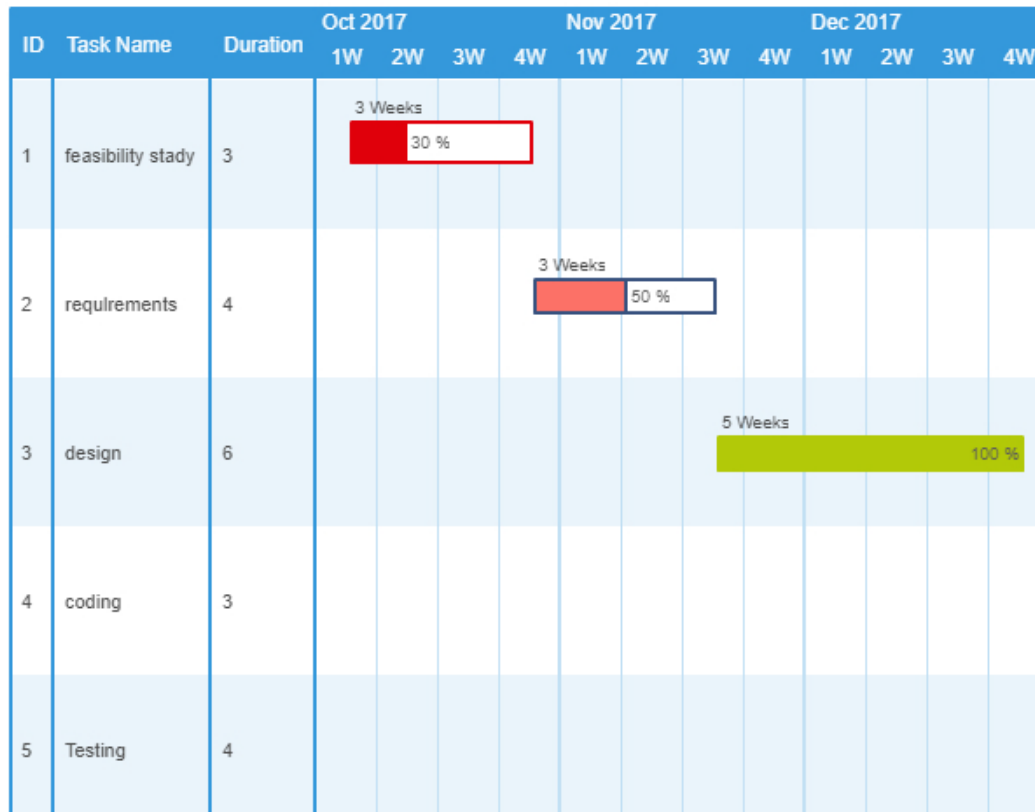
- Twitter account
- Products can only be displayed after contacting the account
- There is no contact between the seller and the buyer



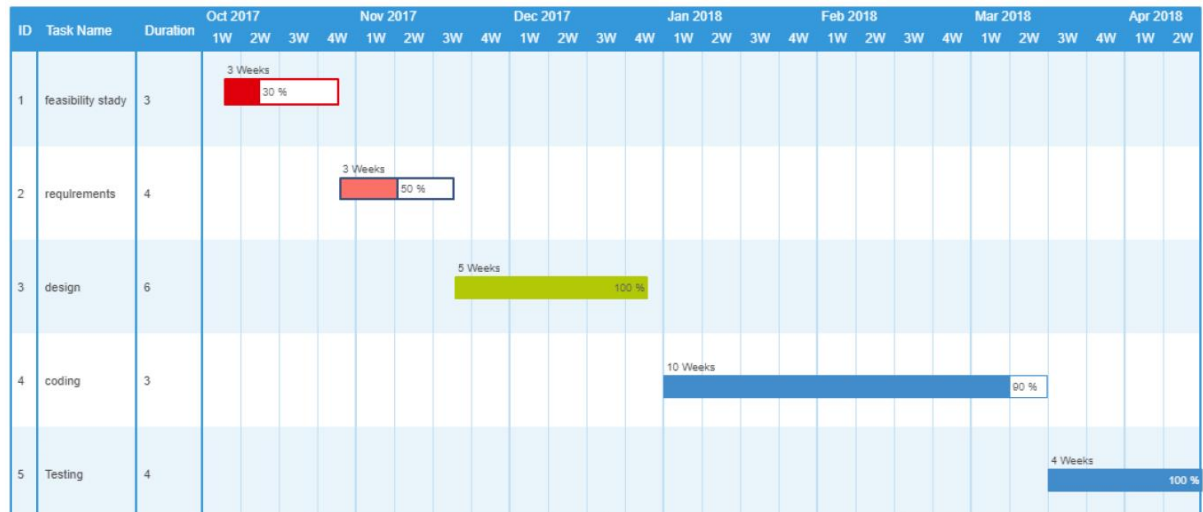
1.8 Project Scheduling:

This project is divided into two parts: one is being done in a full semester and the other is being done in another semester. Scheduling for the completion of the first part of the project, scheduled to be completed during this semester

1.8.1 Project 1



1.8.2 Project 2



1.9 System Development:

- HTML
- PHP
- SQL
- CSS
- JavaScript

What is HTML?

HTML is the standard markup language for creating Web pages.

- HTML stands for Hyper Text Markup Language
- HTML describes the structure of Web pages using markup
- HTML elements are the building blocks of HTML pages
- HTML elements are represented by tags
- HTML tags label pieces of content such as "heading", "paragraph", "table", and so on

- Browsers do not display the HTML tags, but use them to render the content of the page

What is PHP?

PHP stands for Hypertext Preprocessor. PHP is a powerful and widely-used open source server-side scripting language to write dynamically generated web pages. PHP scripts are executed on the server and the result is sent to the browser as plain HTML.

PHP can be integrated with the number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.

What is JavaScript?

is a scripting languages, primarily used on the Web. It is used to enhance HTML pages and is commonly found embedded in HTML code.

JavaScript is an interpreted language. Thus, it doesn't need to be compiled. JavaScript renders web pages in an interactive and dynamic fashion. This allowing the pages to react to events, exhibit special effects, accept variable text, validate data, create cookies, detect a user's browser.

What is SQL?

SQL: stands for Structured Query Language. SQL is used to communicate with a database. According to ANSI (American National Standards Institute), it is the standard language for relational database management systems.

SQL statements are used to perform tasks such as update data on a database, or retrieve data from a database. Some common relational database management systems that use SQL are: Oracle, Sybase, Microsoft SQL Server, Access, Ingres, etc.

Although most database systems use SQL, most of them also have their own additional proprietary extensions that are usually only used on their system. However, the standard SQL commands such as "Select", "Insert", "Update", "Delete", "Create", and "Drop" can be used to accomplish almost everything that one needs to do with a database.

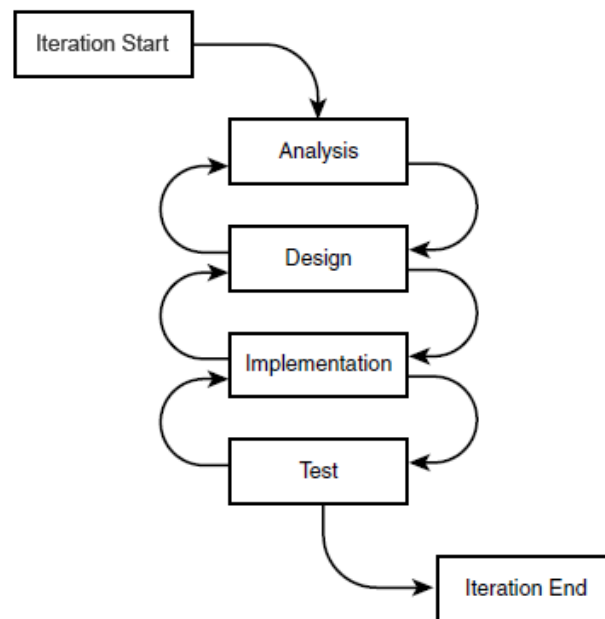
What is CSS ?

CSS is an acronym stands for Cascading Style Sheets. It is a style sheet language which is used to describe the look and formatting of a document written in markup language. It provides an additional feature to HTML. It is generally used with HTML to change the style of web pages and user interfaces. It can also be used with any kind of XML documents including plain XML, SVG and XUL.

CSS is used along with HTML and JavaScript in most websites to create user interfaces for web applications and user interfaces for many mobile applications.

1.10 process model

The used process model is the Iterative Enhancement Model.



In iterative model we are building and improving the product step by step. Hence we can track the defects at early stages.

In iterative model more time is given for designing.

Early feedback is generated because implementation occurs quickly for a small subset of the software.

2.1 **Purpose**

The purpose of this document is to present a detailed description the Web shopping system. It will explain the purpose and features of the system, the interfaces of the system, what the system will do, and how the system will react to external stimuli.

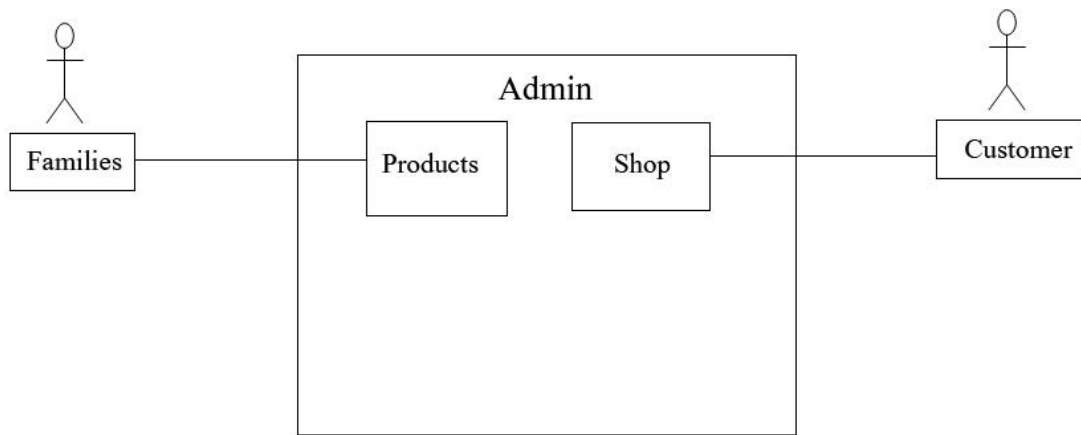
2.2 **Scope of Project:**

This website will be for serving productive families. It is designed to help productive families in marketing their products, and to make it easy for customers to reach to productive families. In addition to this, It will also, facilitate communication between productive families and customers.

2.3 **Glossary:**

Term	Definition
Database	All system information
Admin	person publish information companies and manages users and application in general.
Families	Families that sell their products on website
User	Anyone use the website

2.4 **System Environment :**



2.5 User characteristic:

There are three types of user of the system

- Visitor
- Seller
- Buyer
- Admin

2.6 Use Case 1 (Loading a category)

Once a category is clicked items from these category are rendered, including a photo, an item metadata and description and additional information. The photo is located in the very left side of the product. The textual information is in the middle and its price - on the right side.

2.7 Use case 2 (Adding to cart)

There will be a shopping cart and a different use case describing it. The shopping cart requires two more buttons in the items list. A plus [+] and minus [-] which respectively adds and removes to/from cart the current item.

2. 8 Use Case 3 (Administration)

Since the project is divided in two parts, thus an administration panel is required for the editor's purpose. The administration panel consist of the basic CRUD operations regarding the backend data, which are products and their respective metadata - categories, models and trades.

2. 9 Use Case 4(Checkout the cart)

The GUID for the current transaction is inserted into orders, the quantities are removed from the availabilities and the status in the cart is changed to the next in the cart workflow. A validation for quantities <->user relation in cart should be performed.

Chapter 3

3.1 System design:

3.1.1 Home page:

مرحباً بكم في متجر الأسر المنتجة سجل الآن أو سجل دخول

My Account تسجيل الدخول

جميع الأقسام ادخل كلمة البحث بحث

أسر المنتجة

الرئيسية من نحن وصل حديثاً الأكثر مبيعا اتصل بنا العروض المميزة وصل حديثاً

جامعة الممبجة Majmaah University

موقع لدعم الأسر المنتجة

أكسسوارات مأكولات ملابس

بيع بواسطة الأسر المنتجة رز - دجاج 100.00 ر.س

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تسليم مجاني شحن مجاني للطلبات فوق 500 ريال

أسر المنتجة

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3.1.2 Registration page:

أسر المنتجة

جميع الأقسام

ادخل كلمة البحث...

بحث

سلة

0 منتجات - 0.00 ريال

الرئيسية

من نحن

وصل حديثا

الأكثر مبيعا

اتصل بنا

العروض المميزة

وصل حديثا

حسابي

الرئيسية | حسابي

التسجيل

البريد الإلكتروني *

كلمة المرور *

تسجيل كإناج؟

التسجيل

3.1.3 Login page

مرحباً بكم في متجر الأسر المنتجة سجل الآن أو سجل دخول

36 Account تسجيل الدخول

أسر المنتجة

جميع الأقسام

ادخل كلمة البحث...

بحث

سلة

0 منتجات - 0.00 ريال

الرئيسية

من نحن

وصل حديثا

الأكثر مبيعا

اتصل بنا

العروض المميزة

وصل حديثا

تسجيل الدخول أو التسجيل

جديد هنا؟
التسجيل سهل ومجاناً!
• انهاء سريع للطلب • حذف عناوين الشحن
• عرض تتبع الطلب والمزيد

اسم المستخدم

كلمة المرور

نسيت كلمة المرور؟

تسجيل الدخول

انشاء حساب

جامعة المجمعة
Majmaah University

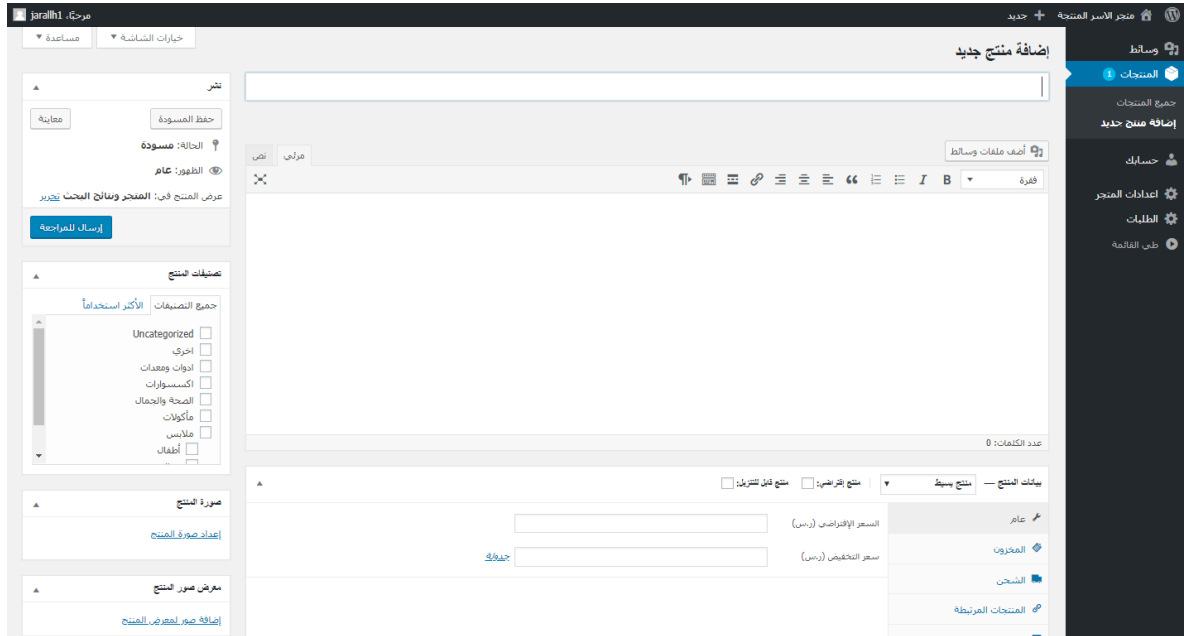
موقع لدعم الأسر المنتجة

أكسسوارات

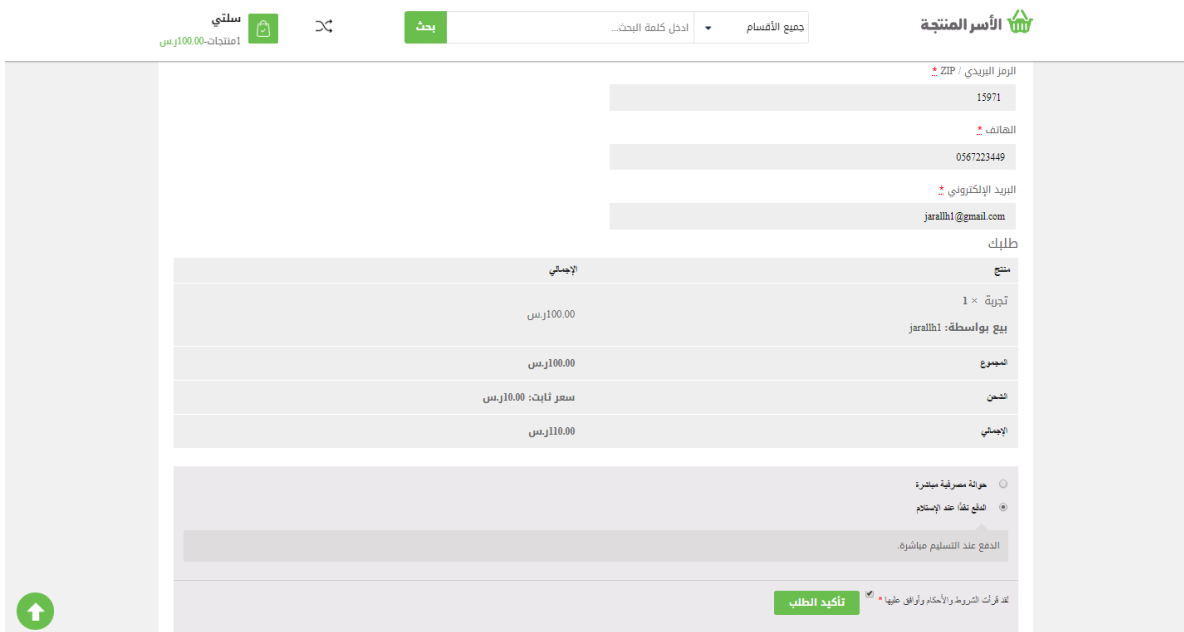
مأكولات

ملابس

3.1.4 Add a new product :



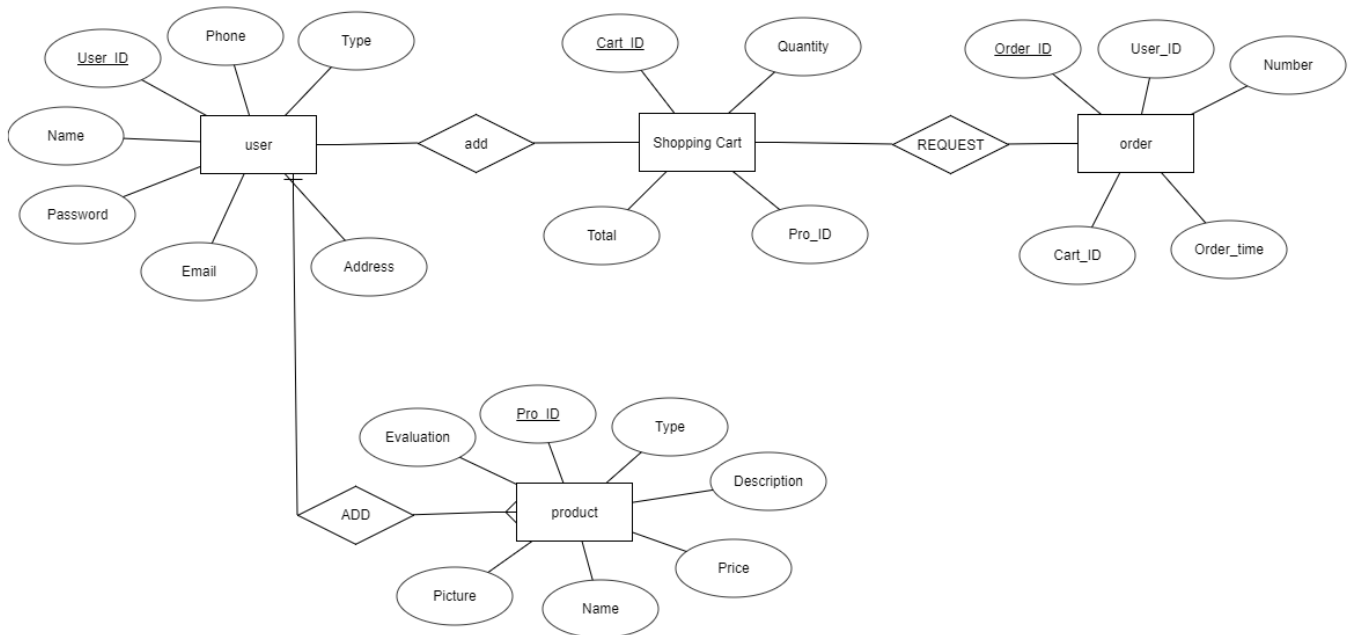
3.1.5 Buy a product:



3.2 ER-Digram:

What is ER?

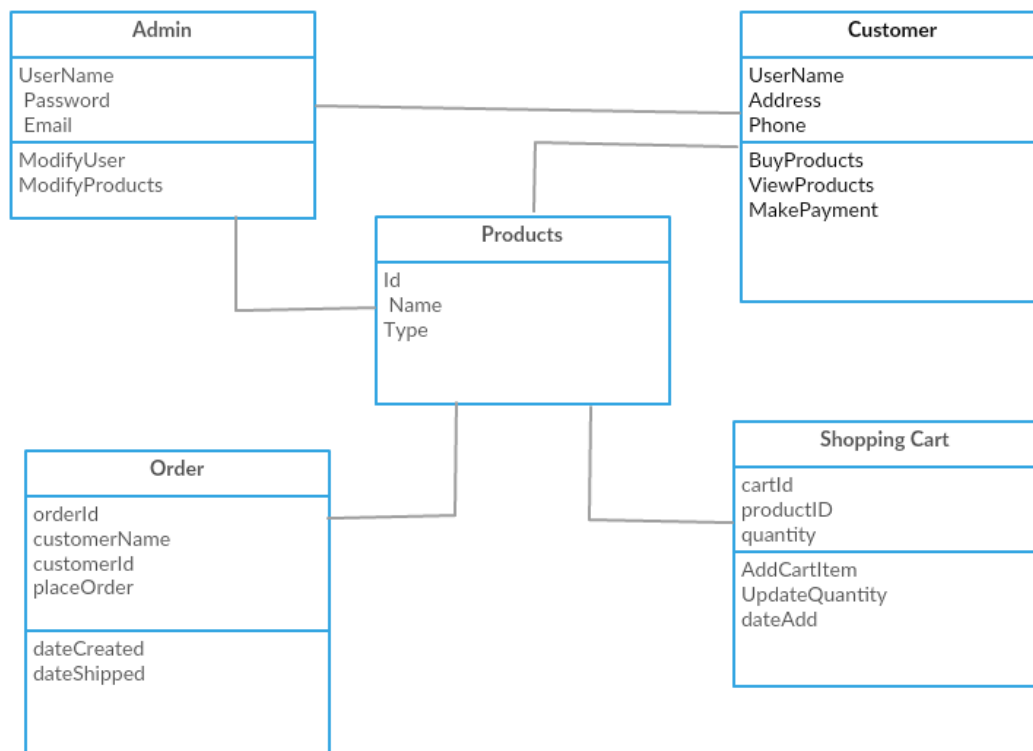
An entity-relationship diagram (ERD) is a graphical representation of an information system that shows the relationship between people, objects, places, concepts or events within that system.



3.3 Class Diagram:

What is class diagram ?

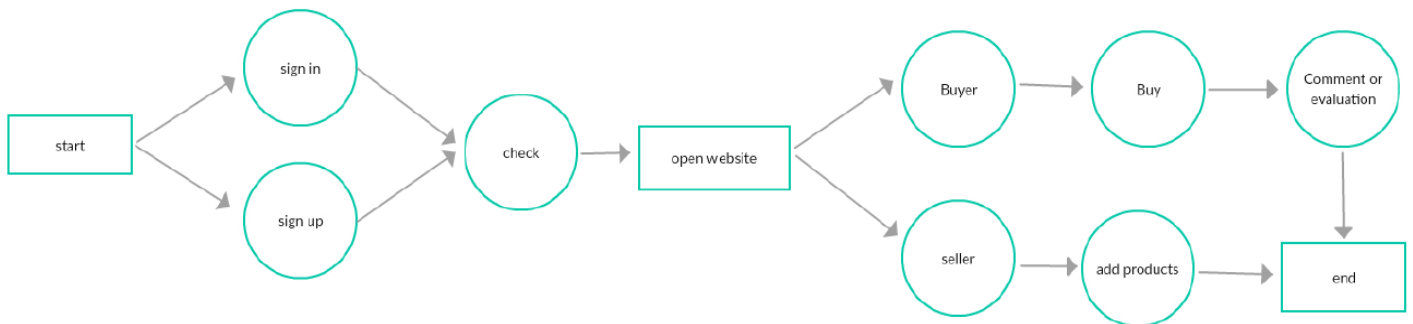
A class diagram is an illustration of the relationships and source code dependencies among classes in the Unified Modeling Language (UML).



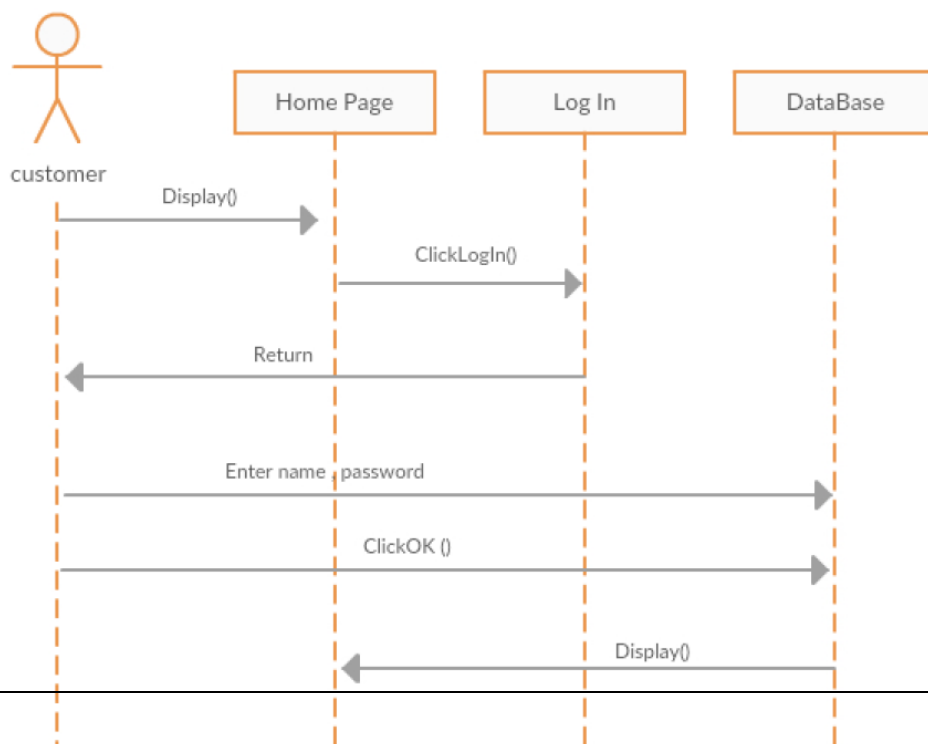
3.4 Data Flow Diagram :

What is a data flow diagram?

A data flow diagram (DFD) maps out the flow of information for any process or system. It uses defined symbols like rectangles, circles and arrows, plus short text labels, to show data inputs, .outputs, storage points and the routes between each destination



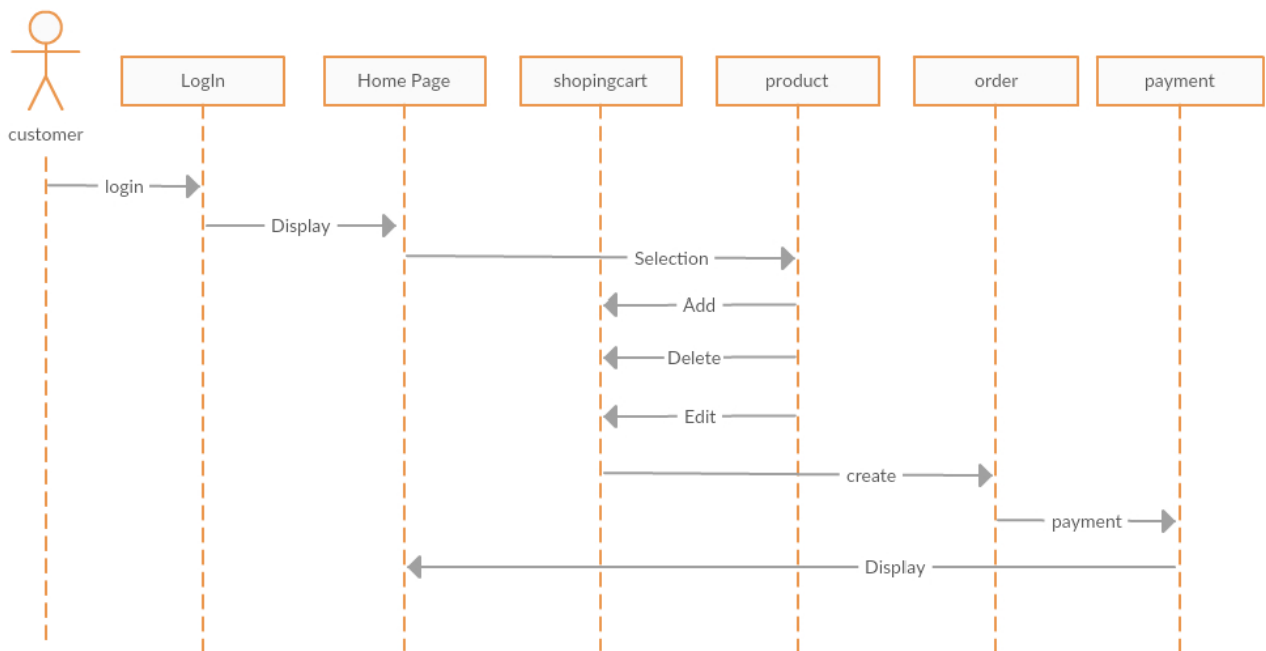
3.5 Sequence Diagram(Login):



3.6 Sequence Diagram:

What is a Sequence Diagram?

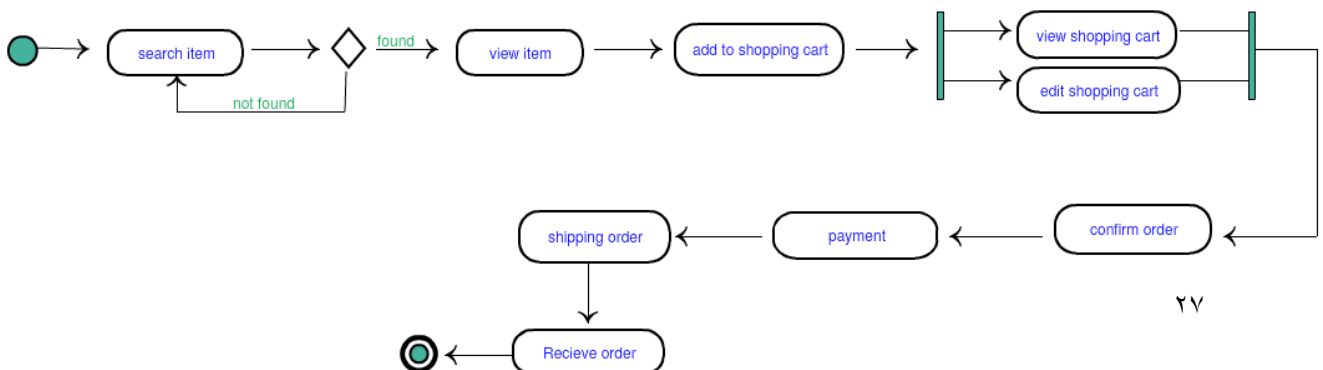
Sequence diagrams describe interactions among classes in terms of an exchange of messages over time. They're also called event diagrams.



3.7 Activity Diagram:

What is an Activity Diagram?

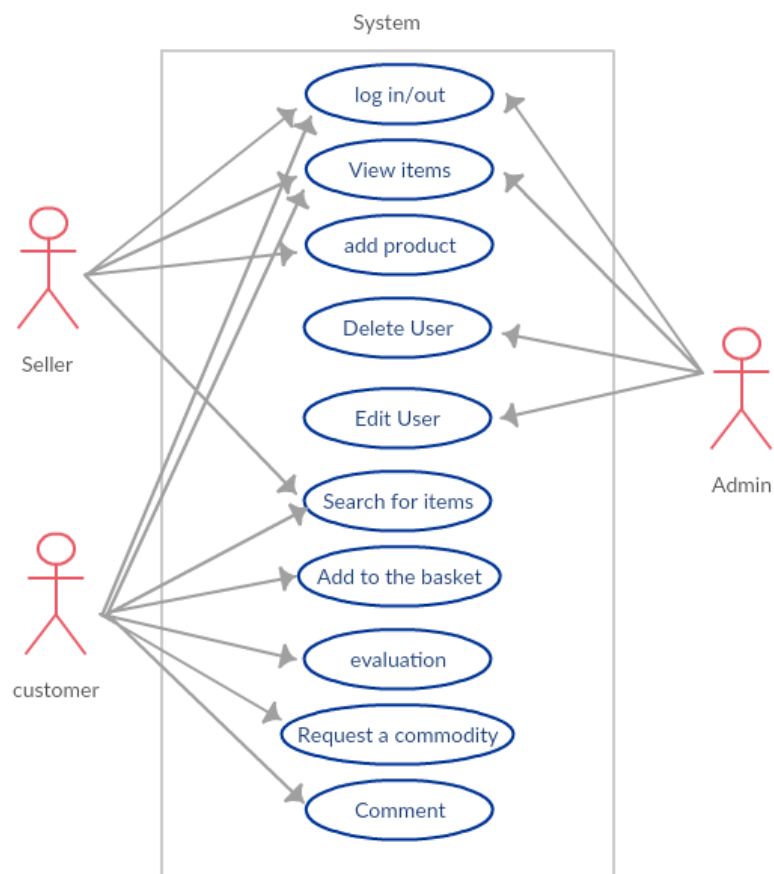
An activity diagram visually presents a series of actions or flow of control in a system similar to a flowchart or a data flow diagram. Activity diagrams are often used in business process modeling.



3.8 Use Case Diagram :

What is Use Case Diagram?

A use case diagram is a graphic depiction of the interactions among the elements of a system.



WordPress

3.9 What is 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.

3.10 What is 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.

- **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.

3.11 Advantages

- 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.
- 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).
- 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.

3.12 Big names use WordP



Rotary Means Business – Rotary Club

The screenshot shows the homepage of the Rotary Means Business Fellowship website. The header includes navigation links for Activity, Groups, Forums, All Events, Member search, and a search icon. Below the header, there are links for Home, About Rotary Means Business, Become a Member, Calendar, About Rotary, Media, Become a Local Group of RMB, Shop, and Help/Contact.

The main content area features a "Home" section with the heading "Welcome to Rotary Means Business Fellowship". Below this, a paragraph states: "Rotary Means Business encourages Rotarians to support the success of their fellow Rotarians by doing business with them, and by referring others to them." A prominent "Become a Member" button is displayed. To the right, a circular diagram with the RMB logo in the center is surrounded by six blue ovals: "Stronger Business", "Stronger Members", "Stronger Clubs", "Stronger Rotary", "Stronger Fundations", and "Stronger Communities". Below the diagram, the text reads: "Learn why RMB is important to you and to Rotary".

On the right side of the page, there is a login section with fields for "Username" and "Password", a "Remember Me" checkbox, and "Log In" and "Register" buttons. Below the login section, a "WHO'S ONLINE" section indicates "There are no users currently online." A "RECENTLY ACTIVE MEMBERS" section shows a grid of member profile pictures, with a "Translate" button at the bottom right.

At the bottom of the main content area, there is a video player with the text "Click to see the Interactive Chapter Finder".

Quartz

The screenshot shows the homepage of the Quartz news website. The header includes navigation links for OUR PICKS, LATEST, and POPULAR, followed by the Quartz logo and links for OBSESSIONS, a search icon, and a menu icon.

The main content area features a large article with the headline "Why it's so difficult for McDonald's to make burgers from fresh beef". Above the headline is a blue tag labeled "HAMBURGER HELPER". Below the headline, there are four smaller article teasers:

- DEJA VU**: Trump's "tough on China" trade report is much the same as Obama's in 2016
- MACHINES WITH GUNS**: Police in one US state could get to fly drones outfitted to kill
- CLOSER LOOKS**: "Get Out" shows that even the most intelligent films can fall prey to Asian-American stereotypes
- GLITTERING STEEL**: Steve Bannon was worth as much as \$40 million when he started at the White House

3.13 Action Steps:

First: Install WordPress Platform

- 1) Download the latest version of the open source Wordpress work platform
- 2) Create a new database on the local server through the link [http://localhost / phpmyadmin](http://localhost/phpmyadmin) and then create a new database.
- 3) Unpack the Wordpress files after conversion and move them into the main folder .
- 4) Open wp-config.php file and write new database data
- 5) After the login link open the site path on the browser and complete the installation data from

Second: Planning and designing the site

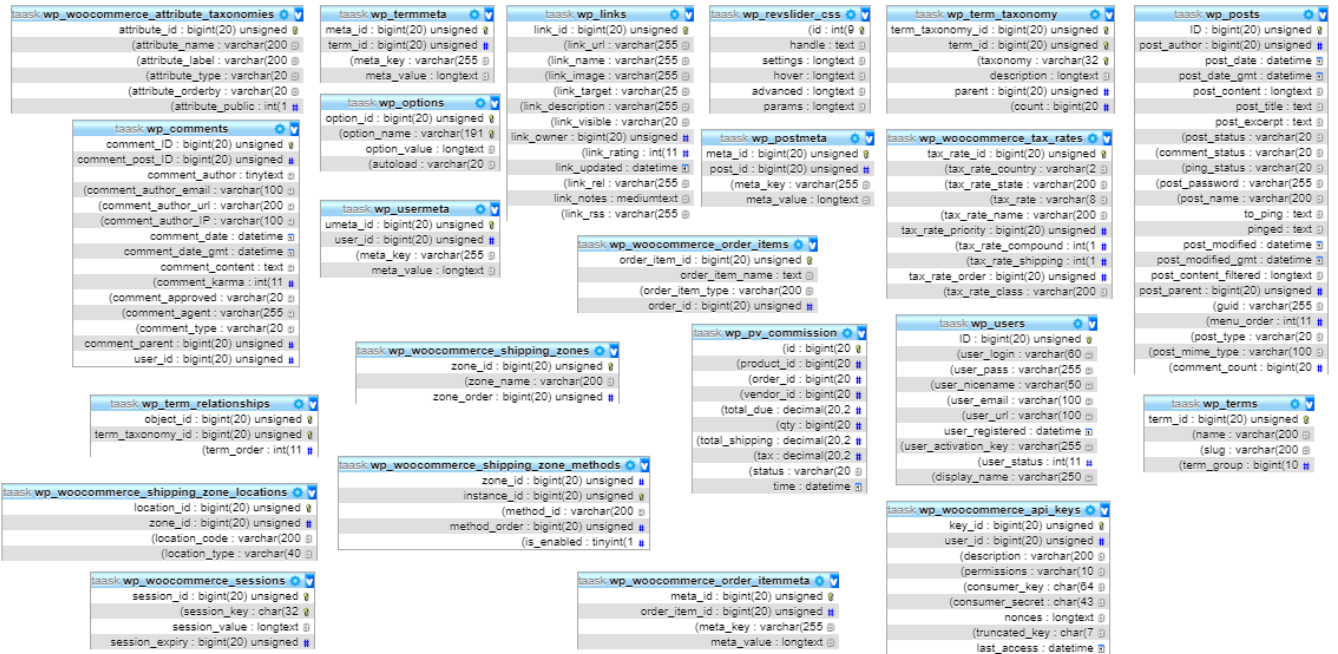
- Through the previous design of the facades (Project 1), a similar template was found
- Choosing a suitable name for the site and writing as a logo in the design and use of eye-friendly colors.

Third: the installation of design on programming

- Wordpress template was used as an example of the project idea **Topdeal** and it supports multiple store system
- Place the template files in the wp-content / themes folder
- Login to the Wordpress control panel then templates and then activate the template.
- Install the included additions with the template
- Adjust the template settings as needed on the site through the template control panel in the control panel.
- Localization of the template through the language file inside the template folder in the languages folder to support the Arabic language.
- Format the internal pages of the template and change colors through the css files
- Develop experimental content

- Review work

3.14 DataBase



- 1- wp_comments: The comments within WordPress are stored
- 2- wp_links: The wp_links holds information related to the links entered into the Links feature of WordPress
- 3- wp_options: The Options set under the Administration > Settings panel are stored
- 4- wp_posts: Pages and navigation menu items are stored in this table
- 5- wp_terms: Categories or tags on the site
- 6- wp_users: The list of **users** is maintained.
- 7- wp_woocommerce_attribute_taxonomies: **Managing Product Categories, Tags and Attributes**
- 8- wp_woocommerce_order_items: every info related to order
- 9- wp_woocommerce_sessions: save last sessions
- 10- wp_woocommerce_shipping_zones: **Setting up Shipping Zones**
- 11- wp_woocommerce_tax_rates: **tax rates**

CONCLUSIONS

Online shopping is a new experience and has greatly impacted the lives of consumers in its short time of existence. It is expected to grow constantly in years to come with advancements in technology. Online shopping has made consumers more effective and efficient in their shopping behavior.

What will make the producer families participate in it and prepare them to work and participate in the business.

3.16 **Reference:**

- **Dr. Wael Khedr** <https://faculty.mu.edu.sa/wslem/>
- <https://creately.com>
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