

Project software engineering

Phase 1

-Team-

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Purpose and audience : -

Purpose :

Website to serve the people to sell or buy any goods they interested in.

Audience : Project manager , developers

Problem:

Many people have a lot of used goods that cannot advertise it or sell it.

Software Purpose:

Provide a website, mobile application (android) where users can post anything he wants to sell it, and can search on goods he interested it.

Software Scope :

- Categories :-

1-Home

2- Car :-

-Honda

-Opel

3- Job offers :-

-It field

-Accounting field

-Mass communication field

- User info when he creates account :-

1- Name

2-E-mail if he signup with his email

3-Signup with Face book account, his name and email will be got from it.

- AD info for all ads :-

Title, Image , Description and place.

-Extra info for home:

Area , address , number of rooms , price , number of toilets.

-Extra info for cars ;

Price , number of KM , engine capacity , Model .

- Extra info for job offers :

Salary ,years of experience ,Job type, Required skills .

- personal info on ad creation:

Name , mobile number ,note

-search by filters :

by categories , subcategories , Place.

Functional requirement: -

1- Account:

- Sign up by normal email.
- Sign up by face book.
- users can chat with each others
- user can make list for favourite ads.

2- Adding an ad as a seller :

- Seller can Add advertise on any categories provided on the Scope section.
- Seller can update advertise information.
- Seller can update his personal information.
- Seller can remove an advertise.

3- Adding an ad as a buyer :

- Buyer can search by filters provided on the scope
- Buyer can send his offer to the seller
- Buyer can save the product to one of his lists
- Buyer can add someone to his chatting list.

Non functional requirements

- Should have account.
- The time period for sign up is (5 seconds).
- Web application only.
- Can't make changes in the software.
- How the website difficult to learn and operate in it?

Use cases tables :

1-

Use case Id	111	
Use case name	Add advertise	
Actor	Seller	
Pre-conditions	User must have an active account	
Post-conditions :	1-Successful adding advertise on the website 2-buyers can see the advertise	
Flow of events	actor steps :	System steps:
	1- user sign in	2- system validate if the user has

		<p>4- select the categorie he want to add in. 5-select the sub categorie. 6-by using "update information" use case user can set the information for the good 7-add advertise . 8- user logout.</p>	<p>account 3-system asks the user to select the categorie and sub-categorie</p>
Exceptions	<p>1- the user enter wrong information on sign in 2- system reply " re-enter sign in" 3-user enter correct 4-use case resumes</p>		
Includes	Using use case " up date information "		

2-

Use case Id	112	
Use case name	Up date information	
Actor	Seller	
Pre-conditions	User must have an active account	
Post-conditions :	1- set the information of the goof before add the advertise	
Flow of events	actor steps :	System steps:
	1- user sign in 4- user enter the name , mobile number and notes 5-press update	2- system validate if the user has account 3-system asks the user to enter the name , mobile,number and any notes

Exceptions	1- the user enter wrong information on sign in 2- system reply " re-enter sign in" 3-user enter correct 4-use case resumes	
Includes	None	

3-

Use case Id	113	
Use case name	Search for good	
Actor	Buyer	
Pre-conditions	1-User must have an active account 2- the categorie the user search about must have ads	
Post-conditions :	1- find an advertise that he search about	
Flow of events	actor steps :	System steps:
	1- user sign in	2- system validate if the

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		<p>3-press search</p> <p>5- user enter the categorie</p>	<p>user has account</p> <p>4-system ask the user to enter the categorie .</p> <p>6-system return the categorie</p>
Exceptions	<p>1- the user enter wrong information on sign in</p> <p>2- system reply " re-enter sign in"</p> <p>3-user enter correct</p> <p>4-use case resumes</p> <p>5-the user enter wrong categorie</p> <p>6- system reply re-enter categorie</p> <p>7-user enter correct</p> <p>8-use case resumes</p>		
Includes	None		

4-

Use case Id	114	
Use case name	Add some to chatting list	
Actor	Buyer	
Pre-conditions	1-User must have an active account 2- the buyer must have an seller has good he want ,to add him.	
Post-conditions :	1- buyer communicate with the seller	
Flow of events	actor steps :	System steps:
	1- user sign in 3-press add in chat 5- the user approve	2- system validate if the user has account 4-system ask the user to approve the request

Exceptions	1- the user enter wrong information on sign in 2- system reply " re-enter sign in" 3-user enter correct 4-use case resumes	
Includes	None	