

**CS251 – Software Engineering I**

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# Team

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# Document Purpose and Audience

* **About this document:**

This is a software requirements specification “SRS” which represent all functions wanted from developer to do and Stipulated by the client in addition to some nonfunctional requirements recommended by developer to the client.

* **Purpose:**

This document discuss our commercial site basic functions which already exist in any commercial site and additional function which serve the user intention and this site purpose And not inconsistent with the public interest and some function which we recommended it to user.

* **Audience**:

The user and client is the most important audience, developers, designers, any others interested in web design and our team members to be a reference to our work during this project activities and steps as we write it together.

# Introduction

## Software Purpose

The software “commercial site” which we will work on it will help people who don’t need something they owns to sell it and get money instead of it and people who want anything but can’t find it in the market or in market in high price to get it by searching on it on our site in a discount way or elderly and disabled to make online shopping.

in our opinion this site will make a process which called (**half recycling**).

## Software Scope

* Anyone who want to sell anything No longer need it.
* Anyone who want to buy anything facing shortage in the market or in a discount way.
* Anyone want to make online shopping to save his/her time.
* In special elderly and disabled.

## Definitions, acronyms, and abbreviations

Half recycling: selling used things which some people owns but don’t want them to other wanted them in a discount way or according to offer.

# Requirements

## Functional Requirements

* Signup with Email or Facebook to create an account or sign in if the user already have account.
* The site must split advertisement to categories and subcategories.
* Each category may or may not have subcategories.
* The user can add category if it doesn’t already exist.
* Category called anything in the end of categories.
* The user should browse and choose the category of a product he want to advertise on it or buy.
* The user can add a new advertisement or remove from his previous advertisements.
* The new advertisement must be monitored by the server and wait for acceptance before publishing on site.
* Who sell or buy or applicant for any job will fill the form with basic contact information and other information which depends on product if he sell or job if he applicant for job
* The user can chat with people who requested any of his goods.
* Search for a product “search box” and the user can search by a product description “advanced search” to make search easier.
* Information form about advertisement provider appear when any of his products are chosen.
* The user can exchange her/his product with others’ product when all of them agrees on that.

## Non Functional Requirements

* The user can’t buy his/her products.
* The user can make a list of preferred categories to exchange from it.
* Every buyer has his/her shopping cart once he/she starts browse to shopping.
* The buyer can cancel products from shopping cart or change it.
* The buyer can save the product which he need if it is not available now to notify him when he will be available on the site.
* The seller can modify his/her advertisements.

# System Models

## Use Case Model

* **Using UML, write the use case model expressing the system actors & operations**

## Use Case Tables

* **Using below table template, for each requirement write a use case table that shows user/system interaction**
  + **If one requirement is so big, you could divide it to more than table**
  + **If some requirements are not major, you could plugin them in other senario**
    - **E.g. you may not do LogIn Usecase table as it is simple functionality**
* **Flow of events should be very detailed**

|  |  |  |
| --- | --- | --- |
| Use Case ID: |  | |
| Use Case Name: |  | |
| Actosr: |  | |
| Pre-conditions: |  | |
| Post-conditions: |  | |
| Flow of events: | **User Action** | **System Action** |
| 1- User Enter Card and Password. |  |
|  | 2- System Verify user data |
| 3- User Select Vodafone from the list |  |
|  | 4- System retrieves Vodafone bills |
| and so on |  |
| Exceptions: |  | |
| Includes: |  | |
| Notes and Issues: |  | |

# Ownership Report

* **Remove the following notes and any red notes**
* **For every item in this document, write the owners. If someone is owner of something, s/he understands it 100.%**
* **Team leader must verify the table with the team members.**

|  |  |
| --- | --- |
| **Item** | **Owners** |
|  |  |
|  |  |

# Policy Regarding Plagiarism:

**Students have collective ownership and responsibility of their project. Any violation of academic honesty will have severe consequences and punishment for ALL team members.**

1. تشجع الكلية على مناقشة الأفكار و تبادل المعلومات و مناقشات الطلاب حيث يعتبر هذا جوهريا لعملية تعليمية سليمة
2. ساعد زملاءك على قدر ما تستطيع و حل لهم مشاكلهم فى الكود و لكن تبادل الحلول غير مقبول و يعتبر غشا.
3. أى حل يتشابه مع أى حل آخر بدرجة تقطع بأنهما منقولان من نفس المصدر سيعتبر أن صاحبيهما قد قاما بالغش.
4. قد توجد على النت برامج مشابهة لما نكتبه هنا أى نسخ من على النت يعتبر غشا يحاسب عليه صاحبه.
5. إذا لم تكن متأكدا أن فعلا ما يعد غشا فلتسأل المعيد أو أستاذ المادة.

فى حالة ثبوت الغش سيأخذ الطالب سالب درجة المسألة ، و فى حالة تكرار الغش سيرسب الطالب فى المقرر.