

**CS251 – Software Engineering I**

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# Team

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Name** | **Email** | **Mobile** |
| 20120138 | Paula Youssef Gorgeous slama | [poula.youssef@stud.fci-cu.edu.eg](mailto:poula.youssef@stud.fci-cu.edu.eg) | 01144385706 |
| 20120114 | Antony Nabil Aziz | [Anthony.nabil@hotmail.com](mailto:Anthony.nabil@hotmail.com) | 01093227484 |
| 20120275 | Philopater Milad Tadros |  | 01210399778 |
| 20120193 | Said Dos Mtta | [Said.dos@stud.fci-cu.edu.eg](mailto:Said.dos@stud.fci-cu.edu.eg) | 01272462068 |

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# Document Purpose and Audience

* **Purpose:**
  + This is a software requirements specification “SRS” represents all functions desired by the client, in addition to some nonfunctional requirements recommended by developer.
  + This document describes our commercial site basic functions which already exist in any commercial site and some recommended functions that may help serving client needs.
* **Audience**:

Generally to those people who are interested in online shopping and re-selling, 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

* Many people have a lot of used goods that they don't need any more and they cannot provide an ad in a journal or media to sell it such as (laptops, mobiles, cars, home…etc.)
* When you do online shopping you may find the product less than expectations or not suitable for your needs, so you want to re-sell it (clothes, watches, jewelries…etc.).
* So our website system (exchange products) provide the ability that user can post anything he wants to sell and can search on any goods he is interested to buy.

## Software Scope

In our system we will handle the process of buying and selling the products, posting and deleting the advertisement, searching or browsing to choose the proposed item, chatting between buyer and seller.

# 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 if it doesn’t match any certain category.
* 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 apply for any job will fill the form with basic contact information and other information about the item being sold or the 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 appears when any of his products are chosen.
* The user can exchange her/his product with others’ products when both agree on exchange.

## 

## 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 it will be available on the site.
* The seller can modify his/her advertisements.