 Cairo University 

Faculty of computers and information

**CS251: Software Engineering-1**

Program: Exchange Products

TA: Catherine Bedrossian

Year: 2014

Leader Name: Dina Ashraf Samir.

Leader mail: [Dinaashraf102@yahoo.com](mailto:Dinaashraf102@yahoo.com)

Leader mobile: 01118712369

SRS phase 1

Contents

[Team 2](#_Toc401308927)

[Document Purpose and Audience 2](#_Toc401308928)

[Introduction 2](#_Toc401308929)

[Software Purpose 2](#_Toc401308930)

[Software Scope 2](#_Toc401308931)

[Definitions, acronyms, and abbreviations 3](#_Toc401308932)

[Requirements 3](#_Toc401308933)

[Functional Requirements 3](#_Toc401308934)

[Non Functional Requirements 4](#_Toc401308935)

[**Policy Regarding Plagiarism:** 4](#_Toc401308940)

# 

# Team

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Name** | **Email** | **Mobile** |
| 20120171 | Dina Ashraf Samir | Dinaashraf102@yahoo.com | 01118712369 |
| 20120078 | Esraa Khaled Khairalla | Esraakhaled994@gmail.com | 01146411952 |
| 20120175 | Rania Said Abd el Aal | Raniasayed313@gmail.com | 01151059788 |

# Document Purpose and Audience

* **Help people to sell or exchange their unneeded goods by posting them on the website or are application which will make it easier and also buyers can search on any goods they need to buy**
* **The audience of this product is (Buyers , Sellers , Admin)**

# Introduction

## Software Purpose

* **Help people to sell or exchange their unneeded products in such an easy way by making an AD. on a website and finding a proper offer from a buyer who needs such product.**
* **The actors (audience of System) are users (buyers, sellers) and admin of the website.**

## Software Scope

* **Scope of the system:**
* **Components (Users, Admin, ads)**
* **features**
* **category and sub category**
* **Add or remove ad**
* **Add to saving list**
* **Make an offer to seller**
* **View chat list**
* **Search for a product**
* **Exchangeable product or not**
* **Buy and sell products.**

## Definitions, acronyms, and abbreviations

|  |  |
| --- | --- |
| **Other** | **If product doesn’t belong to a specific category** |
| **Chatting list** | When buyer sends an offer to a product of a specific provider he will be added to provider chatting list so they can communicate |
| **Saving list** | For saving ads(maybe buy later ads) that user likes |
| **Options list** | To list what product provider wants in exchange for his product |

# Requirements

## Functional Requirements

* **The system allows you to :**

1. Login (complexity 1): allows user to enter his e-mail and password and the system checks if the user has an account or admin.
2. Sign up (complexity 1): allows the user to create a new account using an e-mail or Facebook account when this e-mail or Facebook doesn’t already have an account.
3. Add ad (complexity 3): if a user (seller) wants to post an ad to sell or exchange.
4. Make an offer (complexity 2): propose an offer to seller to buy item on ad.
5. View chatting list (complexity 1): see all offers about user (seller) ad.
6. Search (complexity 4): user (buyer) search for a product by either keyboard or choosing a category then user can filter ad by buy the item or not.
7. Add to saving list (complexity 2): add item to my saving list if user like item and want to make an offer later.
8. Add category (complexity 2): add a new category to my categories.
9. Add subcategory (complexity 2): searches for category if exist add subcategory else call add category then add subcategory under it.
10. Approving an ad (complexity 2): if approve make it visible, if reject call remove ad function.
11. Remove ad (complexity 1): removes ad (delete it).
12. View ad details (complexity 1): view all details about product and how to contact them.

## Non Functional Requirements

|  |  |
| --- | --- |
|  | **Details** |
| **Platform** | * **Works on (website , IOS , Android )** |
| **Software requirements** | * **Backup system** |
| **Quality requirements** | * **Response time 10 seconds for opening** * **Response time 5 seconds for viewing ad** |
| **Accessibility** | * **Could be accessed from any user who have an account on it** |
| **Security** | * **Credit card numbers should be should be send ciphered** |

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