

KONGU ENGINEERING COLLEGE

PERUNDURAI, ERODE- 638 060

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DEPARTMENT : Information Technology

COURSE NAME : Case Tools Laboratory

COURSE CODE : 20ITL53

PROJECT TITLE : KEC - MINI OLX

SOFTWARE REQUIREMENT SPECIFICATION

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1.Introduction

This website enables any student to buy and sell from any place in KEC. It is a user friendly website and easy to use. Once registered to the database a student can post ADD. This website is a Web based and structural system design and developed with the criteria to make the process of shopping easy and quick for all. The project was developed to fulfill the requirement of the student who wish to buy or sell online.

1.1 Purpose

The purpose of this document is to provide a consistent and complete description of the requirements for the software of an mini-olx. The requirements will be presented using textual descriptions to explain concepts, different types of diagrams to illustrate complicated interactions, and tables to relate relevant information.

1.2 Scope

Sellers make websites where they display images of their products with price and description. Shoppers who buy the products.

1.3 Definition

- OXL - On Line eXchange.
- Buyer - One who wishes to buy the products.
- Seller- One who wishes to sell the products.

2. OVERVIEW OF PROJECT DESCRIPTION:

- Centralized control on sales, purchases and other activities.
- Opportunity to promote advertisements on other websites.
- Ability to chat with other users.
- Opportunity to find ads close to places.
- Mobile access to the site.
- Spam Check.

3. INTERFACE REQUIREMENT:

3.1 Software Interface

FRONT END – HTML, CSS, BOOTSTARP, JS

BACKEND – Django,SQLite database.

3.2 Hardware Interface

The server is directly connected to the client systems. The client systems have access to the database in the server. It does not have any direct hardware interfaces.

4. FUNCTIONAL REQUIREMENTS:

- Secure information by the products.
- buy and sell updates to the page by the controller.
- We do not directly process any payments and do not store your credit card information.
- Controller can generate reports from the information and is the only authorized personnel to add the eligible application information to the database.
- Students profile should be logged in by entering personal details.
- After Selling or Buying the product Bill will be generated.

5. USER CHARACTERISTICS:

- ❖ SELLER - They are the people who desire buy things from the website and submit the information to the database.

Eg: A person who wish to buy old adruido chip from the website .

- ❖ BUYER – They are the people who buy things from the website from the details given by the seller.

Eg : old electrical products

6 . NON-FUNCTIONAL REQUIREMENTS:

- The log in information shall be verified within few seconds.
- Non-functional requirements describe aspects of the system that are not directly related to the functional behaviour of the system.
- Queries shall return results within few seconds.
- This application can be accessed from any type of platform.
- 24 X 7 availability.
- There is no case of redundancy in the database so it will not take extra memory space.

7. CONSTRAINS:

7.1 ASSUMPTIONS:

- The Buyer and Seller must have basic knowledge of computers a English Language.
- User id and password is used for identification.
- The seller may be required to scan the product and send.

7.2 DEPENDENCIES:

- The student should have intermediate knowledge about computers and interfaces.
- The computer has a internet connection and internet browsing capabilities.