

# SOFTWARE REQUIREMENT SPECIFICATION

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# TOPIC:ONLINE USED MARKET PLACE

## ABSTRACT

This app is very useful for user to buy or sell our own items with the help of this app. products are mainly vehicle, electronic items... anyone can login into the app with the help of email-id and password. Chat option will help us the seller or the buyer to make the deal more user friendly and faster. User to get more product value of own products with the help of this app. This app is going to direct deal with seller and buyer.

## MODULES

### 1. Admin

Admin can monitor the databases. Admin have the authority to add, remove or update the website information.

### 2. User

- Log in – For the login, the user will login first before he/she can use the system.
- Sign up – For the sign up, the user will sign up first before he/she can use to login in the system.
- Homepage – For the homepage, you will be able to all the basic access in the whole system. Such as home, search bar, select category, add option, chat and login.

## DESIGN

### 1. User Login and Sign up Page

The first page has buttons for login and sign up. On clicking these buttons, it will open up a model for their respective use cases.

The login modal will have the following text boxes and the login button:

- **Username:** to enter the username. Username can be alphanumeric.
- **Password:** to enter the password. Password can be alphanumeric, can contain special characters and must be at least 8 characters in length.

There is also a provision to reset your password, in case the user forgets it. On login, the user will be redirected to the Home Page.

The sign up modal will have the following textboxes for the user to sign up to our website :

- **First name:** to enter the first name. First name must be entirely alphabetic.
- **Last name:** to enter the last name. Last name must be entirely alphabetic.
- **Email id:** to enter the email address. Email can be alphanumeric and it must contain '@' symbol.
- **Password:** to enter the password. Password can be alphanumeric, can contain special characters and must be at least 8 characters in length. The password will be saved using encryption methods for security.

- Phone number: to enter the phone number. It must be entirely numeric and must be at least 10 characters long.
- The user will also have to verify a captcha to prevent bots from signing up to our webpage.

This registration will provide the user with customer profile id.

## 2. Home Page

The home page will have a navigation bar. In the navigation bar, a hyperlink to find an items with search bar will be provided. The items can be found in another hyper-link, where the user can see the list of advertisements available on that page.

## 3. Find category

User to get sorted list of items with the help of choose category. Admin can add, remove and update categories.

## 4. Chat option

It will help us to contact with two user to discuss the details

## 5. Add option

User can publish our own add with add option. User can insert image, details and description with this option

## 6. Admin Page

The Admin page can only be accessed by the admin of the website. The admin can add other users in admin page if required. The admin can access through the information of users. Admin also has the authority to approve or reject a particular user registration request.

### DATABASE DESIGN

#### 1. User

Field name	Data type	constraint
user_id	int	Primary key
First_name	Varchar(20)	
Last name	Varchar(20)	
Email_id	Varchar(20)	
Phone_no	int	
User_name	Varchar(20)	
password	Varchar(20)	

#### 2. Find item

Field name	Data type	constraint
Item_name	varchar	Primary key
Item_model	varchar	
Item_price	int	

