

**Online Shop**

**Software Requirement Specification**

– Hanoi, May 2021 –

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# I. Overview

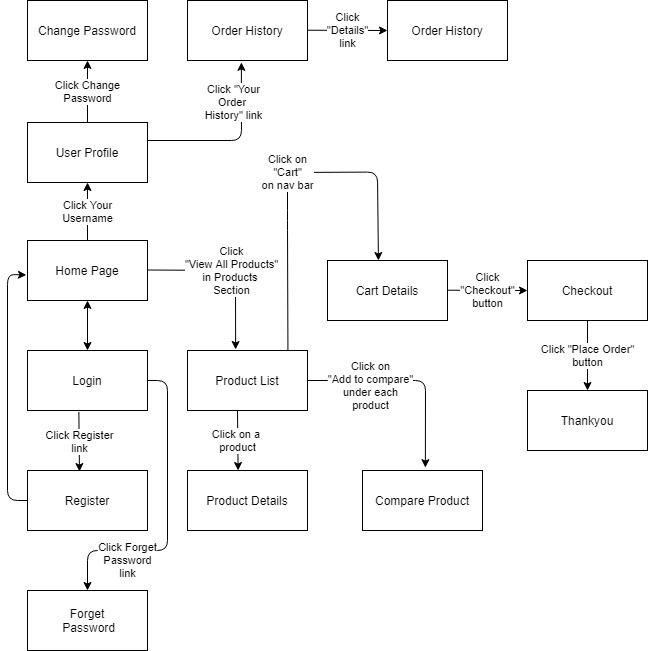
## 1. Introduction

The Online Electronic Shop is a new website system that replaces the current manual and telephone processes for ordering and picking up electronics products. The system is planned to evolve over several releases, ultimately helping to improve the ordering services for several local sellers and to create an online market for electronics products, where customers can have a large variety of choices and be able to order a product, have it deliverd as soon as possible to them.



## 2. System Functions

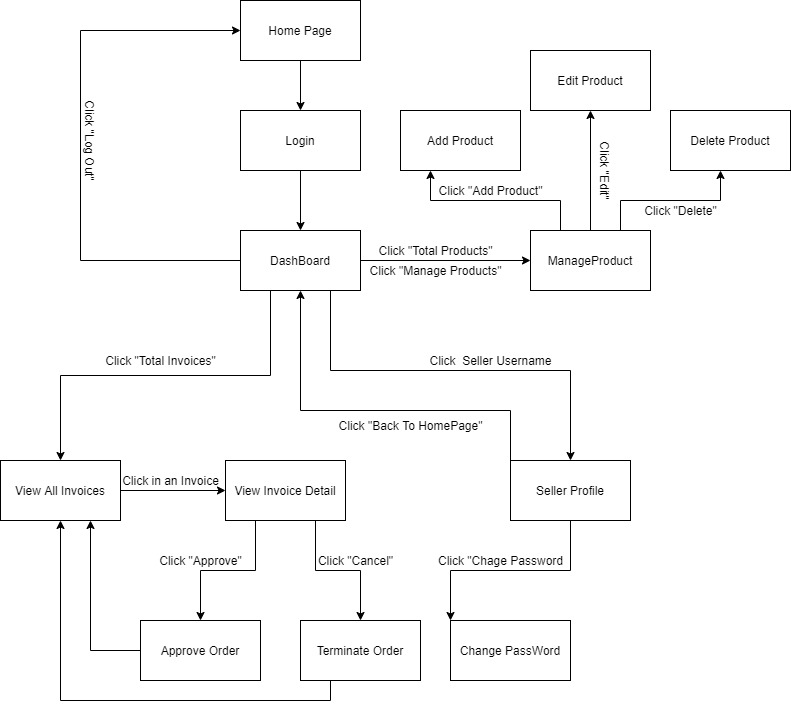
#### a. Screen Flow



Screen Flow of User



Screen Flow of Admin



Screen Flow Of Seller

#### b. Screen Details

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Feature** | **Screen** | **Description** |
| 1 | Public | Home | Home page of the website |
| 2 | Login | Login | Screen to enter email/password to login |
| 3 | Login | Reset Password | Screen to reset password if forget |
| 4 | Register | Register | Register an account |
| 5 | Register | Authorize User Email | Authorize the newly registerd account |
| 6 | Product | Product List | View all products |
| 7 | Product | Product Details | View details of a product |
| 8 | Product | Compare Product | Compare 2 different product |
| 9 | Cart | Cart Details | View products in cart of user |
| 10 | Cart | Checkout | Enter shipping information, recheck cart details |
| 11 | Cart | Thankyou | Thanks customer for shopping |
| 12 | User | User Profile | View profile of the user |
| 13 | User | Order History | The order history of the user |
| 14 | User | Order Details | Details of an order of the user |
| 15 | Admin | Admin Dashboard | Show basic information for admin |
| 16 | Admin | Settings List | Show list of settings |
| 17 | Admin | Setting Details | Show details of setting |
| 18 | Admin | Users List | Show list of users |
| 19 | Admin | User Details | Show details of an user |

#### c. User Authorization

| **Screen** | **Guest** | **User** | **Seller** | **Admin** |
| --- | --- | --- | --- | --- |
| **Home Page** | X | X |  |  |
| Login | X |  |  |  |
| Log Out |  | X |  |  |
| Search | X | X |  |  |
| View Cart |  | X |  |  |
| Add to Cart |  | X |  |  |
| View Product Detail | X | X |  |  |
| Select Product By Category | X | X |  |  |
| View Profile Detail |  | X |  |  |
| View Map | X | X |  |  |
| Back to top | X | X |  |  |
| Comparing Products | X | X |  |  |
| Hot Product | X | X |  |  |
| Favourite Product | X | X |  |  |
| Select Product Page | X | X |  |  |
| **Product Details** | X | X |  |  |
| Log Out |  | X |  |  |
| Buy Now |  | X |  |  |
| Add to Cart |  | X |  |  |
| View Product by Category | X | X |  |  |
| Back to Home Page | X | X |  |  |
| Search | X | X |  |  |
| View Profile Detail |  | X |  |  |
| Hot Product | X | X |  |  |
| Favourite Product | X | X |  |  |
| **Cart** |  | X |  |  |
| Quantity editing |  | X |  |  |
| View Product Detail |  | X |  |  |
| Delete a Product from Cart |  | X |  |  |
| Checkout |  | X |  |  |
| Delete all Products from Cart |  | X |  |  |
| Back to Home Page |  | X |  |  |
| Log Out |  | X |  |  |
| View Profile Details |  | X |  |  |
| Search Product by Name |  | X |  |  |
| Continue Shopping |  | X |  |  |
| **Admin Home Page** |  |  |  | X |
| Manage Products |  |  |  | X |
| ­ Manage Accounts |  |  |  | X |
| View total invoices |  |  |  | X |
| View all Products |  |  |  | X |
| View all accounts |  |  |  | X |
| Log Out |  |  |  | X |
| View Profile |  |  |  | X |
| **Manage Products** |  |  | X | X |
| Edit a Product |  |  | X | X |
| Delete a Product |  |  | X | X |
| Add a Product |  |  | X | X |
| View a Product Details |  |  | X | X |
| **Manage Accounts** |  |  |  | X |
| Edit Info |  |  |  | X |
| Delete Account |  |  |  | X |
| Log Out |  |  |  | X |
| Back |  |  |  | X |
| **Comparing Products** | X | X |  |  |
| Search for a Product | X | X |  |  |
| Add to Cart |  | X |  |  |
| View Product Details | X | X |  |  |
| Hot Product | X | X |  |  |
| Favourite Product | X | X |  |  |
| **Login** | X |  |  |  |
| Typing account | X |  |  |  |
| Typing password | X |  |  |  |
| Remember me | X |  |  |  |
| Forget Password | X |  |  |  |
| Sign in | X |  |  |  |
| Sign up | X |  |  |  |
| Sign in With Facebook Account | X |  |  |  |
| **Sign up** | X |  |  |  |
| Typing Username | X |  |  |  |
| Typing Email | X |  |  |  |
| Typing Password | X |  |  |  |
| Repeat Password | X |  |  |  |
| Accept terms & conditions check | X |  |  |  |
| Sign up | X |  |  |  |
| Back to Sign in Page | X |  |  |  |
| Login with Facebook account | X |  |  |  |
| **Check Out** |  | X |  |  |
| Deliver (Check out) |  | X |  |  |
| Typing Note |  | X |  |  |
| Fill in another address |  | X |  |  |
| Typing Name |  | X |  |  |
| Typing Phone Number |  | X |  |  |
| Select City |  | X |  |  |
| Type the address |  | X |  |  |
| Choosing Payment method |  | X |  |  |
| Finish Checkout |  | X |  |  |
| Showing the Products in order |  | X |  |  |
| **Purchase successfully** |  | X |  |  |
| Continue Shopping |  | X |  |  |
| **Error** | X | X | X | X |
| **Profile Details** |  | X | X | X |
| Showing Information |  | X | X | X |
| Change Password |  | X | X | X |
| View Orders |  | X |  |  |
| Back to Home Page |  | X | X | X |
| **Forget Password** |  | X | X | X |
| Cancel |  | X | X | X |
| Type Username |  | X | X | X |
| Type Email |  | X | X | X |
| Send |  | X | X | X |
| Type Code received from Gmail |  | X | X | X |
| Confirm |  | X | X | X |
| Type New Password |  | X | X | X |
| Repeat New Password |  | X | X | X |
| **Change Password** |  | X | X | X |
| Type old Password |  | X | X | X |
| Type new Password |  | X | X | X |
| Repeat new Password |  | X | X | X |
| Confirm |  | X | X | X |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

# II. Functional Requirements

## 1. <<Feature Name 1>>

### a. <<Function Name 1>>

*[A function can be a screen or a non-screen function (listed in the part 5.1 above). In this part, you need to provide the details on the related function, focus on mentioning below information*

* *Function trigger: how this function is triggered (navigation path, a timing frequency, etc.*
* *Function description: actors/roles, purpose, interface, data processing, etc.*
* *Screen layout: mockup prototype of the screen, sample below is for Manage Products screen*

**

* *Function Details: provide explanation for the data, validation, business logics, functionalities (for both normal cases and abnormal cases), etc. of the function so that the reader can image how it work.*

*]*

### b. <<Function Name 2>>

…

## 2. <<Feature Name 2>>

…

# III. Visual Models

## Use Case Diagram

