**API Documentation**

| **Version** | **Date** | **Author** | **Description** |
| --- | --- | --- | --- |
| 1.0 | 29-7-23 | Muhamed Fulail | ecommerce project |
|  |  |  |  |

## **1. ADMIN:**

## **1. Admin Login:**

Admin have a username and password

| Method | URL |
| --- | --- |
| POST | admin\_login |

## **Request**

| Parameter name | Description | Type and length |
| --- | --- | --- |
| User Name | Admin have a username | string |
| Password | Admin have a password | Password |

## 

## 

## **Response**

Render the admin dashboard

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| 200 | Successfully Login to Admin panel |  |
| 501 | {“error”:”Username and password invalid} |  |

## 

## **2. Admin Panel:**

## **purpose:**

## This is the page for the Admin to view and the data of the website

| **Method** | **URL** |
| --- | --- |
| **GET** | /admin |

## 

## **Response**

Show the admin dashboard if the session is there

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| 200 | ’Success’. Enter to admin/dashboard |  |

Render the admin dashboard and show data

**PRODUCTS**

**purpose:**

Here Admin can manage Products

| Method | URL |
| --- | --- |
| **GET** | admin/products |

## **Response**

| Parameter Name | Description |
| --- | --- |
| 200 | OK |

## **1. Add Products**

**purpose:**

Here Admin can add products.

| Method | URL |
| --- | --- |
| **GET** | admin/products/add\_product |

**Request**

| Parameter Nam**e** | Description | Type & Length |
| --- | --- | --- |
| Product image | Image of the product | image |
| Product name | Name of the product | string |
| Price | Price of the product | int |
| size | Size of the product | int |
| category | category of the product | string |
| description | Description of the product | string |

## **Response**

| Parameter Name | Description |
| --- | --- |
| 200 | ’Success’. |

## **2. Edit Products**

**Purpose**

Here Admin can add products.

| Method | URL |
| --- | --- |
| **PUT** | admin/products/edit\_products/id |

**Request**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| Category | Category of the product | String |
| Product name | Name of the product | string |
| Price | Price of the product | int |
| size | Size of the product | int |
| Product Image | Image of the product | image |
| Description | Description of the product | string |

## 

## 

## **Response**

| Parameter Name | Description |
| --- | --- |
| 200 | ’Success’. |

## **3. Delete Products**

**Purpose:**

Here Admin can delete products.

| Method | URL |
| --- | --- |
| **DELETE** | admin/products/delete\_products/id |

## 

## **Response**

| Parameter Name | Description |
| --- | --- |
| 200 | OK |

## 

**4. Notifications**

**Purpose:**

Here admin can see notifications

| Method | URL |
| --- | --- |
| GET | admin/notifications |

**USERS**

**purpose:**

Admin can view and manage user information.

## **1. View Users**

**Purpose**

Admin can view all details about the user.

| Method | URL |
| --- | --- |
| GET | admin/customer |

## 

## **Response**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| Name | Name of the user | String |
| Username | User name of the user | string |
| Address | The address of the user | string |
| Email | User email | email |
| Phone No. | User phone number | int |

## 

## **2. Edit Users**

**purpose**

Admin can edit details about the user..

| Method | URL |
| --- | --- |
| **PUT** | admin/customer/edit\_user/user\_id |

**Request**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| Name | Name of the user | String |
| Username | User name of the user | string |
| Address | The address of the user | string |
| Email | User email | email |

## **Response**

| Parameter Name | Description |
| --- | --- |
| 200 | ’Success’. |

## 

## **3. Delete Users**

**Purpose**

Admin can delete users .

| Method | URL |
| --- | --- |
| **DELETE** | admin/customer/delete\_user/user\_id |

## 

## **Response**

| Parameter Name | Description |
| --- | --- |
| 200 | OK |

## 

**ORDERS**

**Purpose**

Here Admin can manage Products

| Method | URL |
| --- | --- |
| **GET** | admin/orders |

## **Response**

| Parameter Name | Description |
| --- | --- |
| 200 | OK |

## **1. View Orders**

Admin can edit and update orders.

| Method | URL |
| --- | --- |
| **PUT** | admin/orders/edit\_orders/order\_id |

**Request**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| username | Username of the user | String |
| Address | Address of the user | string |
| Product name | Name of product | string |
| category | Category of product | string |
| Quantity | Quantity of the product | int |
| price | Price of the product | int |

## 

## **Response**

| Parameter Name | Description |
| --- | --- |
| 200 | ’Success’. |

## 

## **2. Edit Orders**

**Purpose**

Admin can edit and update orders.

| Method | URL |
| --- | --- |
| **PUT** | admin/orders/edit\_orders/order\_id |

**Request**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| username | Username of the user | String |
| Address | Address of the user | string |
| Product name | Name of product | string |
| category | Category of product | string |
| Quantity | Quantity of the product | int |
| price | Price of the product | int |

## 

## 

## 

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | ’Success’. |

## 3. Delete Orders

**purpose**

Admin can delete the orders.

| Method | URL |
| --- | --- |
| **DELETE** | admin\_dashboard/products/delete\_orders/orders\_id |

## 

## **Response**

| Parameter Name | Description |
| --- | --- |
| 200 | OK |

## **ADMIN LOGOUT:**

**Purpose**

Admin can logout from the admin panel..

| Method | URL |
| --- | --- |
| **GET** | admin/signout |

## 

## 

## 

## **Response**

| Parameter Name | Description |
| --- | --- |
| 200 | OK |

## 

## **2.LANDING PAGE:**

## **1. Loading Lead Page:**

**Purpose**

Here users can view loading page /// see products without login

| Method | URL |
| --- | --- |
| **GET** | http://127.0.0.1:3030/ |

## **Response**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| 200 | OK |  |

## 

## **2. User:**

**1. User Sign Up:**

**Purpose**

Here User can register details and create login .

| Method | URL |
| --- | --- |
| **POST** | /user\_registration(signup) |

**Request**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| Name | Name of the user | String |
| Username | User name of the user | string |
| Address | The address of the user | string |
| Email | User email | email |
| Phone No. | User phone number | int |
| Password | User can add password | password |

## **Response**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| 200 | ’Success’. |  |

**2. User Login:**

**purpose**

Here users can sign in with a registered username and password.

| **Method** | **URL** |
| --- | --- |
| **POST** | /user\_signin |

**Request**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| Username | User have a username | string |
| Password | User have a password | password |

## **Response**

User can see the product from the database(added items)

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| 200 | ’Success’. |  |

**3. Add Cart: (no route for cart)**

**Using cart page is like a sidebar menu**

**Purpose**

Here User can add products to the cart

| **Method** | **URL** |
| --- | --- |
| GET | add\_cart |

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | OK |  |

## **4. View (product\_view) :**

**Purpose**

users can view product details.(specified product user selected)

| **Method** | **URL** |
| --- | --- |
| GET | Product\_view |

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 200 | OK |  |

## **5. Buy now:**

**Purpose**

Here users can view loading page

| Method | URL |
| --- | --- |
| GET | cart |

## **Response**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| 200 | OK |  |

## **Check Out:**

## **1.Load check-out:**

**purpose**

## User can load checkout page

| Method | URL |
| --- | --- |
| GET | checkout |

## **Response**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| 200 | OK |  |

## **2. Check-out:**

**Purpose**

## User can load checkout products

| Method | URL |
| --- | --- |
| GET | checkout |

## **Request:**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| Name | Name of the user | string |
| Address | Address of the user | string |
| Email | Email of the user | email |
| Phone No. | Phone number of the user | int |

## **Response**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| 200 | OK |  |

## 

**3. User Dashboard:**

**2. Account Details:**

**Response**

Here user can Edit account details

| Method | URL |
| --- | --- |
| POST | /my\_account/user\_info |

**Request**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| Name | Name of the user | String |
| Username | User name of the user | string |
| Address | The address of the user | string |
| Email | User email | email |
| Phone No. | User phone number | int |
| Password | Password for authentication | password |

**Response**

| Parameter Name | Description | Type & Length |
| --- | --- | --- |
| 200 | ’Success’. |  |

## **USER LOGOUT:**

**Purpose**

Users can log out from the webpage..

| Method | URL |
| --- | --- |
| **GET** | /my\_account/user\_info/user\_signout |

## 

## **Response**

| Parameter Name | Description |
| --- | --- |
| 200 | OK |

## 