**API Specification Doc**

| **Version** | **Date** | **Author** | **Description** |
| --- | --- | --- | --- |
| 0.1 | 19-09-2022 | Rakeeb Mohammed | Initial draft |

## **ADMIN:**

## **Admin Login**

Admin have username and password

| **Method** | **URL** |
| --- | --- |
| **POST** | /admin |

## **Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| User Name | Admin’s username | String |
| Password | Admin’s password | Password |

## 

## **Response**

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

## 

## **2. Admin Panel:**

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

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

## 

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | ’Success’. Enter to admin\_Panel |

**Admin - access to products**

Here Admin can manage Products

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

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | View all product details |

## **2. Add new Products**

Here Admin can add products.

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

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Product name | Name of the product | string |
| Price | Price of the product | int |
| Available stocks | Quantity of the product | int |
| Product Image | Image of the product | image |
| Product description | Description about product | text |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Added new product |

## **3.Edit Products**

Here Admin can edit products.

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

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Product name | Name of the product | string |
| Price | Price of the product | int |
| Available stocks | Quantity of the product | int |
| Product Image | Image of the product | image |
| Product description | Description about product | text |

## 

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Edited product details. |

## **4. Delete Products**

Here Admin can delete products.

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

## 

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Deleted the particular product. |

## 

**Admin - access to user data**

Admin can view and manage user information.

## **1. View Users**

Admin can view all details about the user.

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

## 

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Username | User name of the user | string |
| First name | First name of the user | string |
| Last name | Last name of the user | string |
| Email | User email | email |

## **2. Edit Users**

Admin can edit user details.

| **Method** | **URL** |
| --- | --- |
| **POST** | /admin\_panel/users/edit\_user/:id |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Username | User name of the user | string |
| First name | First name of the user | string |
| Last name | Last name of the user | string |
| Email | User email | email |

## 

## 

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | User details updated |

## 

## **3. Delete Users**

Admin can delete users .

| **Method** | **URL** |
| --- | --- |
| **DELETE** | /admin\_panel/users/delete\_user/:id |

## 

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Deleted the user |

**Admin - access to orders**

Here Admin can manage all orders

## **1. View orders**

Here Admin can view all orders

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

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | View all the order details |

## 

## **2. Edit orders**

Admin can edit and update orders.

| **Method** | **URL** |
| --- | --- |
| **PUT** | /admin/orders/edit\_orders/:id |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Product name | Name of product | String |
| Address | Address of the user | text |
| Quantity | Quantity of the product | int |
| price | Price of the product | int |
| Order status | Current status of the order | string |

## 

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Edited the order |

## 

## 

## **3. Delete order**

Admin can delete the orders.

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

## 

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Deleted the order |

## **4. Edit coupons**

| **Method** | **URL** |
| --- | --- |
| **PUT** | /admin/orders/edit\_coupons/:id |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Coupon name | Name of coupon | String |
| Percentage | Percentage of discount | decimal |
| Max | Max discount of the coupon | int |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Edited the coupon |

## **5. Edit banners**

| **Method** | **URL** |
| --- | --- |
| **PUT** | /admin/orders/edit\_banner/:id |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Image | Image of banner | binary data |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Edited the banner |

## 

## **6. Edit categories**

| **Method** | **URL** |
| --- | --- |
| **PUT** | /admin/orders/edit\_categories/:id |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Category name | Name of categories | String |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Edited the category |

## 

## 

## 

## 

## **ADMIN LOG OUT**

Admin can logout from the admin panel..

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

## 

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Admin logged out |

## 

## 

## **LANDING PAGE:**

## **1. Loading Lead Page**

Home page of the web

| **Method** | **URL** |
| --- | --- |
| **GET** | http://127.0.0.1:5000/ |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Display home page. |

## 

## **User:**

**1. User Sign Up**

Here User can sign up with details or login .

| **Method** | **URL** |
| --- | --- |
| **POST** | /signup |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Username | User name of the user | string |
| First name | First name of the user | string |
| Last name | Last name of the user | string |
| Email | User email | email |
| Password | User can add password | password |
| Confirm password | Password recheck | password |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | New user signinned. |

**2. User Login**

Here users can login with a registered username and password.

| **Method** | **URL** |
| --- | --- |
| **POST** | /login |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Username | User’s username | string |
| Password | User;s password | password |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | User login successful. |

**3. Add Cart**

Here User can add products to the cart

| **Method** | **URL** |
| --- | --- |
| **GET** | /home/cart |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Product added to cart successfully |

## 

## **4. View**

users can view product details.

| **Method** | **URL** |
| --- | --- |
| **GET** | /home/:product\_id |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | View product details |

## 

## **5. Buy now**

Here users can buy products

| **Method** | **URL** |
| --- | --- |
| **GET** | /home/product/product\_id |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | View purchase window. |

## **Check Out:**

## **1.Purchase**

## User can load purchase page

| **Method** | **URL** |
| --- | --- |
| **GET** | /purchase |

## 

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Redirect to payment gateway if order is not COD. |

## 

## **2. check-out**

## User can checkout from purchase page by placing the order

| **Method** | **URL** |
| --- | --- |
| **GET** | /checkout |

## **Request:**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Name | Name of the user | string |
| Address | Address of the user | string |
| Product id | Id of product purchased | int |
| Phone No. | Phone number of the user | int |

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| Success | Order placed successfully |

## 

**3. User Dashboard:**

Here users can view, update account details, and delete it.

**1. Account Details**

Here users can view account details.

| **Method** | **URL** |
| --- | --- |
| **POST** | /home/user/my\_account/user-id |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Name | Name of the user | String |
| Username | User name of the user | string |
| First name | First name of the user | string |
| Last name | Last name of the user | string |
| Email | User email | email |
| Password | Password for authentication | password |

**Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Users can view their account details. |

## 

## 

**2.Update Account**

Here users can update account details, and delete it.

| **Method** | **URL** |
| --- | --- |
| **POST** | /home/user/my\_account/update |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Username | User name of the user | string |
| First name | First name of the user | string |
| Last name | Last name of the user | string |
| Email | User email | email |
| Password | Password for authentication | password |

**Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | Users account updated successfully. |

## 

**3. Delete Account**

Here users can delete their account

| **Method** | **URL** |
| --- | --- |
| **POST** | /home/user/my\_account/delete |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Username | Username of the user | String |
| Password | Password for authentication | password |

**Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | User deleted account successfully. |

## **USER LOGOUT**

Users can log out.

| **Method** | **URL** |
| --- | --- |
| **GET** | /home/logout |

## 

## **Response**

| **Parameter Name** | **Description** |
| --- | --- |
| 200 | User logged out successfully. |