**API Specification**

| **Version** | **Date** | **Author** | **Description** |
| --- | --- | --- | --- |
| 1.0 | 03-04-2024 | Farzana Shaneez | Initial draft |
|  |  |  |  |

## **1. ADMIN:**

## **1. Admin Login:**

Admin have a username and password

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

## **Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| userName | Admin have a username | String |
| password | Admin have a password | Password |

## 

## 

## **Response**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| 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\_panel |

## 

## **Response**

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

**PRODUCTS**

Here Admin can manage Products

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

## **Response**

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

## **1. Add Products**

Here Admin can add products.

| **Method** | **URL** |
| --- | --- |
| **POST** | admin\_panel/products/add\_product |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| category | Category of the product | String |
| productName | Name of the product | String |
| productDescription | Description of the product | string |
| price | Price of the product | Number |
| quantity | Quantity of the product | Number |
| productImage | Image of the product | file |
| options | Options of the product type | array |

## **Response**

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

## **2. Edit Products**

Here Admin can add products.

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

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| category | Category of the product | String |
| productName | Name of the product | String |
| productDescription | Description of the product | string |
| price | Price of the product | Number |
| quantity | Quantity of the product | Number |
| productImage | Image of the product | file |
| options | Options of the product type | array |

## 

## 

## **Response**

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

## **3. Delete Products**

Here Admin can delete products.

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

## 

## **Response**

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

**CATEGORIES**

Here Admin can manage Category

| **Method** | **URL** |
| --- | --- |
| **GET** | admin\_panel/categories |

## **Response**

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

## **1. Add Category**

Here Admin can add category

| **Method** | **URL** |
| --- | --- |
| **POST** | admin\_panel/categories/add\_category |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| category\_name | Category name | String |
| category\_Image | Image of category | file |

## **Response**

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

## **2. Edit Category**

Here Admin can add products.

| **Method** | **URL** |
| --- | --- |
| **PUT** | admin\_panel/categories/edit\_category/id |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| category\_name | Category name | String |
| category\_Image | Image of category | file |

## 

## **Response**

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

## 

**CUSTOMERS**

Admin can view and manage customer information.

## **1. View Users**

Admin can view all details about the user.

| **Method** | **URL** |
| --- | --- |
| **GET** | admin\_panel/customers |

## **2. Edit Users**

Admin can view all details about the user.

| **Method** | **URL** |
| --- | --- |
| **PUT** | admin\_panel/customers/customerId |

## 

## 

## **Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| name | Name of the user | String |
| userName | User name of the user | String,unique |
| address | The address of the user | String |
| email | User email | String,unique |
| phoneNo. | User phone number | Number |
| location | Users location | string |
| orders | No of orders he done | number |
| spent | Amount user spend | number |

**2. Delete Users**

Admin can delete users .

| **Method** | **URL** |
| --- | --- |
| **DELETE** | admin\_panel/customers/delete\_customer/customer\_id |

## 

## **Response**

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

## 

**ORDERS**

Here Admin can manage ORDERS

## **1. View Orders**

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

## **Response**

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

## **2. Edit Orders**

Admin can edit and update orders.

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

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| userName | Username of the user | String |
| address | Address of the user | Array |
| Products | array of product | Array of product id and count |
| Order status | ready,shipped,received | number |
| isPayed | Payment status | Boolean |
| price | Total amount | Number |

## 

## 

## 

## **Response**

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

## **3. Delete Orders**

Admin can delete the orders.

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

## 

## **Response**

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

## 

**Reports**

Here Admin can manage ORDERS

## **1. View Report**

| **Method** | **URL** |
| --- | --- |
| **GET** | admin\_panel/report |

## **Response**

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

## 

**COUPONS**

Here Admin can manage coupons

## **1. View coupon**

| **Method** | **URL** |
| --- | --- |
| **GET** | admin\_panel/coupons |

## **Response**

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

## **2. Add coupon**

| **Method** | **URL** |
| --- | --- |
| **POST** | admin\_panel/coupons/addcoupon |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| couponcode | Coupon code | String |
| Couponname | Coupon name | string |
| coupontype | List of coupon types | number(0-3) |
| duration | Coupon validity | Date |
| applicableto | Array of category | Array |
| usageLimit | Limit of usage | Number |

## 

## 

## 

## **Response**

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

## **3. Delete coupons**

Admin can delete the orders.

| **Method** | **URL** |
| --- | --- |
| **DELETE** | admin\_panel/coupons/delete\_coupon/coupon\_id |

## 

## **Response**

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

## 

## **ADMIN LOGOUT:**

Admin can logout from the admin panel..

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

## 

## 

## 

## **Response**

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

## 

## **2.LANDING PAGE:**

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

Here users can view loading page

| **Method** | **URL** |
| --- | --- |
| **GET** | http://127.0.0.1:8000/ |

## **Response**

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

## 

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## **2. User:**

**1. User Sign Up:**

Here User can register details and create login .

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

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| name | Name of the user | String |
| email | User email | String |
| password | User can add password | Password |

## **Response**

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

**2. User Login:**

Here users can sign in with registered username and password.

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

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| userEmail | User have a username | String |
| password | User have a password | Password |

## **Response**

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

## **3. View list of Products :**

users can view product list.

| **Method** | **URL** |
| --- | --- |
| **GET** | /products/?querytype=<queryparameter> |

## **Response**

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

## 

**4. Add Cart:**

Here User can add products to the cart

| **Method** | **URL** |
| --- | --- |
| **POST** | /add\_cart |

## **Response**

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

## **4. View a product detail :**

users can view product details.

| **Method** | **URL** |
| --- | --- |
| **GET** | /product-id |

## **Response**

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

## **5. Purchase now:**

Here users can view loading page

| **Method** | **URL** |
| --- | --- |
| **GET** | Cart,contact information |

## **Response**

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

## 

## 

## **Check Out:**

## **1.Load payment:**

## User can load checkout page

| **Method** | **URL** |
| --- | --- |
| **GET** | /payment |

## **Response**

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

## **2. confirm:**

## User can load checkout products

| **Method** | **URL** |
| --- | --- |
| **post** | /payment |

## **Request:**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| user | User detail | object |
| Paymenttype | option | string |
| CardNumber | string | String |
| cardName | Name in the card | string |
| ExpDate | Expiry date | date |
| seccurityCode | password | string(password) |

## **Response**

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

## 

**User Account:**

**1. Account Details:**

Here user can Edit account details

| **Method** | **URL** |
| --- | --- |
| **GET** | /account |

**1. Account Details:**

Here user can Edit account details

| **Method** | **URL** |
| --- | --- |
| **GET** | /account |

**Response**

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

**2. Edit account:**

| **Method** | **URL** |
| --- | --- |
| **POST** | /edit\_account |

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| First name | First name of the user | String |
| Last name | Last name of the user | string |
| country | User’s country name | String |
| address | The address of the user | Array |
| city | location | string |
| email | User email | String |
| postalcode | Postal code | string |
| phoneNo | User phone number | Number |

**Response**

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

**USER LOGOUT:**

Users can log out from the webpage..

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

## 

## **Response**

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

## 