**API Specification Doc**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Description** |
| 1.0 | 21-03-2024 | ASWANTH PR | Initial draft |
|  |  |  |  |

## **1. ADMIN:**

## **1. Admin Login:**

Admin have a username and password

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

## **Request**

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

## 

## 

## **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** |
| **GET** | admin\_panel/products/add\_product |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Product name | Name of the product | String |
| Product brand | Name of the brand | string |
| Price | Price of the product | int |
| discription | discription of the product | string |
| stock | Product quantity | int |
| Product Image | Image of the product | image |

|  |  |
| --- | --- |
| **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** |
| Product name | Name of the product | String |
| Product brand | Name of brand | string |
| Price | Price of the product | int |
| Description | Description about the product | string |
| Quantity | Quantity of the product | Int |
| Product Image | Image of the product | image |
|  |  |  |

## 

## 

## **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 |

## 

**USERS**

Admin can view and manage user information.

## **1. View Users**

Admin can view all details about the user.

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | admin\_panel/user\_management |

## 

## **Response**

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

## **2. Edit Users**

Admin can edit details about the user..

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

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Username | User name of the user | string |
| phone | The phone number of the user | int |
| Email | User email | email |

## **Response**

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

## **2. Add Users**

Admin can add user..

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PUT** | admin\_panel/user\_management/add\_user/user\_id |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Username | User name of the user | string |
| password | The password of the user | string |
| Email | User email | email |
| Phone-No | User phone Number | int |

## **Response**

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

## 

## 

## 

## **3. Delete Users**

Admin can delete users .

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

## 

## **Response**

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

**COUPONS**

Here Admin can manage Coupons

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

## **Response**

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

## **1. View Coupons**

Admin can edit and update orders.

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PUT** | admin\_panel/coupons/edit\_coupon/coupon\_id |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Coupon name | Name of Coupon | string |
| Coupon code | name of the Coupon | string |
| Discount | discount of the Coupon | int |
| validity | validity of the product | int |
| Minimum amount | Minimum amount for coupon access | int |

## **Response**

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

## **2. Edit Coupon**

Admin can edit and update coupon.

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PUT** | admin\_panel/coupon/edit\_coupon/coupon\_id |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Coupon name | Order status | String |
| Coupon code | name of the Coupon | string |
| discount | discount of the Coupon | Int |
| validity | validity of the product | Int |
| Minimum amount | Minimum amount for coupon access | int |

## **Response**

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

## **3. Delete Coupon**

Admin can delete the delete

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

## **Response**

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

**ORDERS**

Here Admin can manage Products

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

## **Response**

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

## **1. View Orders**

Admin can edit and update orders.

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

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Product name | Name of product | string |
| Username | Username of the user | string |
| Quantity | Quantity of the product | int |
| price | Price of the product | int |
| Payment method | Method of payment | string |
| status | order status | string |

## 

## **Response**

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

## 

## **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** |
| status | Order status | String |

## 

## 

## 

## **Response**

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

## **3. Cancel Orders**

Admin can delete the orders.

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

## 

## **Response**

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

## 

**Sales Report**

Here Admin can view sales report

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

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Customer name | Name of Customer | string |
| Product name | name of the product | String |
| Emil | User emil | String |
| Address | user address | String |
| orderId | Order id | String |
| Payment mathod | Method of payment | String |
| Order date | Order date and time | String |
| Amount | Order amount | Int |
| Total sales | Total sales | int |
| Total order | Total orders | Int |

## **Response**

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

**1.Monthly Sales Report**

Here Admin can view sales report

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | admin\_panel/salesReport/monthlySales/ |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Customer name | Name of Customer | string |
| Product name | name of the product | String |
| Emil | User emil | String |
| Address | user address | String |
| orderId | Order id | String |
| Payment mathod | Method of payment | String |
| Order date | Order date and time | String |
| Amount | Order amount | Int |
| Total sales | Total sales | int |
| Total order | Total orders | Int |

## **Response**

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

**2.Weekly Sales Report**

Here Admin can view sales report

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | admin\_panel/salesReport/weaklySales/ |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Customer name | Name of Customer | string |
| Product name | name of the product | String |
| Emil | User emil | String |
| Address | user address | String |
| orderId | Order id | String |
| Payment mathod | Method of payment | String |
| Order date | Order date and time | String |
| Amount | Order amount | Int |
| Total sales | Total sales | int |
| Total order | Total orders | Int |

## **Response**

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

**3.Daily Sales Repoart**

Here Admin can view sales daily report

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | admin\_panel/salesReport/dailySales/ |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Customer name | Name of Customer | string |
| Product name | name of the product | String |
| Emil | User emil | String |
| Address | user address | String |
| orderId | Order id | String |
| Payment mathod | Method of payment | String |
| Order date | Order date and time | String |
| Amount | Order amount | Int |
| Total sales | Total sales | int |
| Total order | Total orders | Int |

## **Response**

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

**Category**

Here Admin can add and edit category

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

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Category name | Name of category | string |

## **Response**

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

**1.Edit Category**

Here Admin can edit category

|  |  |
| --- | --- |
| **Method** | **URL** |
| **PUT** | admin\_panel/category/editCategory/ |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Category name | Name of category | string |

## **Response**

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

**2.Add Category**

Here Admin can add category

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | admin\_panel/category/addCategory |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Category name | Name of category | string |

## **Response**

|  |  |
| --- | --- |
| **Parameter Name** | **Description** |
| 200 | “success” |

**Banner**

Here Admin can add and edit banner

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

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Image | Banner image | image |
| heading | Main heading of banner | String |
| Sub heading | Sub heading of banner | String |
| Brand name | Banner product brand | string |

## **Response**

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

**1.Add banner**

Here Admin can add banner

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | admin\_panel/banner/addBanner/ |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Heading | Main heading | string |
| Brand | Product banner brand | string |
| Sub heading | Banner subheading | String |
| Banner | Banner image | image |

## **Response**

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

**2.Edit banner**

Here Admin can edit banner

|  |  |
| --- | --- |
| **Method** | **URL** |
| **POST** | admin\_panel/banner/editBanner/ |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Heading | Main heading | string |
| Brand | Product banner brand | string |
| Sub heading | Banner subheading | String |
| Banner | Banner image | image |

## **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 |  |

## 

## **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** |
| Username | User name of the user | string |
| Email | User email | email |
| Phone No. | User phone number | int |
| Password | User can add password | string |

## **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** |
| Username | User have a username | string |
| Password | User have a password | password |

## **Response**

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

**3. User Login Code:**

Here users put the login code.

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

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| Otp | Emil otp | int |

## **Response**

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

**Forget Password**

Here users put the login code.

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /user\_signin/forgetPassword/ |

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| emil | Request for otp | Int |

## **Response**

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

**1.Request for otp**

Here users put the emil and request otp

.

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

## **Response**

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

## **2. Verify and Land to Home Page:**

Here users can view loading page

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

## **Response**

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

**3. Add Cart:**

Here User can add products to the cart

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

## **Response**

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

## **4. View :**

users can view product details.

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /product\_overview |

## **Response**

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

## **5. Buy now:**

Here users can view loading page

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /view\_cart |

## **Response**

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

## **Check Out:**

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

## User can load checkout page

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

## **Response**

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

## **2. check-out:**

## User can load checkout products

|  |  |
| --- | --- |
| **Method** | **URL** |
| **GET** | /Confirm\_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 |
| Product Name | Ordered product name | string |
| Quantity | Ordered quantity | int |
| price | Product price | Int |
| Total price | Total price | int |

## **Response**

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

## 

**3. User Dashboard:**

**2. Account Details:**

Here user can Edit account details

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

**Request**

|  |  |  |
| --- | --- | --- |
| **Parameter Name** | **Description** | **Type & Length** |
| First Name | First Name of the user | String |
| Last Name | Last name of the user | string |
| Gender | The address of the user | string |
| Email | User email | email |
| Phone No. | User phone number | int |
| State | State of the user | string |
| Country | Country of the user | string |
| Pincode | Pincode of the user | int |

**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 |

## 