**API Specification Doc**

| **Version** | **Date** | **Author** | **Description** |
| --- | --- | --- | --- |
| 1.0 | 30-10-2023 | Jishad Ali | Laptop4U.com |
|  |  |  |  |

## **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 | 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 |
| product\_id | Id if the product | int |
| Category | Category of the product | string |
| Product name | Name of the product | string |
| Details | Details of the product | string |
| Price | Price of the product | int |
| Quantity | Quantity of the product | int |
| Product Image | Image of the product | image |
| Discount\_price | Discount price of the product | int |
| product\_color | Color of the product | string |

## **Response**

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

## **2. Edit Products**

Here Admin can add products.

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

**Request**

| **Parameter Name** | **Description** | **Type & Length** |
| --- | --- | --- |
| Category | Category of the product | String |
| product\_id | Id if the product | int |
| product\_color | Color of the product | string |
| Product name | Name of the product | string |
| Details | Details of the product | string |
| Price | Price of the product | int |
| Quantity | Quantity of the product | int |
| Product Image | Image of the product | image |
| Discount\_price | Discount price of the product | int |

## 

## 

## **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** |
| --- | --- | --- |
| Uid | id of the user | int |
| Name | Name of the user | String |
| profile\_pic | Profile picture of the user | image |
| Username | User name of the user | string |
| Address | The address of the user | string |
| Email | User email | email |
| Phone No. | User phone number | int |
| wishlist | wishlist of the user | array |
| cart | Cart of the user | array |

## **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** |
| --- | --- | --- |
| Uid | id of the user | int |
| Name | Name of the user | String |
| profile\_pic | Profile picture of the user | image |
| Username | User name of the user | string |
| Address | The address of the user | string |
| Email | User email | email |
| Phone No. | User phone number | int |
| wishlist | wishlist of the user | array |
| cart | Cart of the user | array |

## **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 |

## 

**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** |
| --- | --- | --- |
| uid | User Id of the user | int |
| username | Username of the user | String |
| Payment\_Method | Type of payment | 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 |
| Created\_On | Order date of the product | date |
| color | Color of the product | 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** |
| --- | --- | --- |
| uid | User Id of the user | int |
| username | Username of the user | String |
| Payment\_Method | Type of payment | 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 |
| Created\_On | Order date of the product | date |
| color | Color of the product | string |

## 

## **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 |

## **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** |
| --- | --- | --- |
| 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:**

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. Add Cart:**

Here User can add products to the cart

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

## **Response**

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

## **4. View :**

users can view product details.

| **Method** | **URL** |
| --- | --- |
| **GET** | view |

## **Response**

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

## **5. Buy now:**

Here users can view loading page

| **Method** | **URL** |
| --- | --- |
| **GET** | 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** | 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:**

Here user can Edit account details

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

**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:**

Users can log out from the webpage..

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

## 

## **Response**

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

## 