**API Specification**

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Author Description** |
| 1.0 | 16-04-2024 | Mohammed Anaz |
|  |  |  |

**1 Admin Role**

1. **Admin Login:**

**Admin have username and password**

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | http://127.0.0.1:8000/admin/login |

**Request**

|  |  |
| --- | --- |
| **Parameter Name** | **Description & Data Type** |
| User Name | Admin have a username. ‘email’ |
| Password | Admin have a password. ‘Password’ |

**Response**

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

1. **Admin Panel:**

**This is the page for admin to view the data of the website.**

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

**Response**

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

1. **Products:**

**Here Admin can manage Products**

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

**Response**

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

**Add Products**

**Here Admin can add products.**

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | http://127.0.0.1:8000/admin/products/add |

**Request**

|  |  |
| --- | --- |
| **Parameter Name** | **Description & Data Type** |
| Category\_id | Category of the product. int |
| Product name | Name of the product. string |
| Price | Price of the product. decimal |
| Quantity | Quantity of the product. int |
| Product Image | Image of the product. image |
| Added\_date | Date added. date |

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

**Response**

**Edit Products**

**Here Admin can edit products.**

|  |  |
| --- | --- |
| **Method** | **URL** |
| PUT | http://127.0.0.1:8000/admin/products/edit/{id} |

**Request**

|  |  |
| --- | --- |
| **Parameter Name** | **Description & Data Type** |
| Category\_id | Category of the product. int |
| Product name | Name of the product. string |
| Price | Price of the product. decimal |
| Quantity | Quantity of the product. int |
| Product Image | Image of the product. image |
| Added\_date | Date added. date |

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

**Response**

**Delete Products**

**Here Admin can delete products.**

|  |  |
| --- | --- |
| **Method** | **URL** |
| DELETE | http://127.0.0.1:8000/admin/products/delete/{id} |

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

**Response**

1. **Users**

**Admin can view and manage user information.**

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

**Block Users**

**Admin can activate/inactivate the user.**

|  |  |
| --- | --- |
| **Method** | **URL** |
| PUT | http://127.0.0.1:8000/admin/users/edit/{id} |

**Request**

|  |  |
| --- | --- |
| **Parameter Name** | **Description & Data Type** |
| activate | To activate the user. string |
| inactivate | To inactivate the user. string |

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

**Response**

1. **Product Categories:**

**Here Admin can view and manage product categories.**

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

**Response**

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

**Add Category**

**Here Admin can add product category.**

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | http://127.0.0.1:8000/admin/categories/add |

**Request**

|  |  |
| --- | --- |
| **Parameter Name** | **Description & Data Type** |
| Gender | Male or Female. string |
| Material | Type of materials. string |
| Pattern | Type of pattern. string |
| Usages | Dress types. string |

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

**Response**

**Edit Category**

**Here Admin can edit categories.**

|  |  |
| --- | --- |
| **Method** | **URL** |
| PUT | http://127.0.0.1:8000/admin/categories/edit/{id} |

**Request**

|  |  |
| --- | --- |
| **Parameter Name** | **Description & Data Type** |
| Gender | Male or Female. string |
| Material | Type of materials. string |
| Pattern | Type of pattern. string |
| Usages | Dress types. string |

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

**Response**

**Delete Category**

**Here Admin can delete categories.**

|  |  |
| --- | --- |
| **Method** | **URL** |
| DELETE | http://127.0.0.1:8000/admin/categories/delete/{id} |

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

**Response**

1. **Admin Logout:**

**Admin can logout from the admin panel.**

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

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

**Response**

**2 Users Role**

1. **Landing Page:**

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

**Here users can view landing page.**

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

**Response**

1. **User Login:**

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

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | http://127.0.0.1:8000/user/login |

|  |  |
| --- | --- |
| **Parameter Name** | **Description & Data Type** |
| Username | User have a username. string |
| Password | User have a password. password |

**Request**

**Response**

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

1. **User Sign Up:**

**Here User can register details and create account.**

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | http://127.0.0.1:8000/user/sign\_up |

**Request**

|  |  |
| --- | --- |
| **Parameter Name** | **Description & Data Type** |
| First Name | Name of the user. String |
| Last Name | User name of the user. string |
| Email | User email. email |
| Password | User can add password. password |

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

**Response**

1. **Search**

**Here User can search the products with name and filter categories.**

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

**Request**

|  |  |
| --- | --- |
| **Parameter Name** | **Description & Data Type** |
| Product Name | Name of the product. String |
| Gender | Male or female. string |
| Material | Type of material. string |
| Pattern | Type of pattern. string |

**Response**

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

1. **Add Cart:**

**Here User can add products to the cart**

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | http://127.0.0.1:8000/user/cart/add |

**Request**

|  |  |
| --- | --- |
| **Parameter Name** | **Description & Data Type** |
| Order type | Type of order (fabric only or with tailoring). string |
| Quantity | Quantity of the product. float |
| sizes | Measurement sizes. float |

**Response**

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

1. **View:**

**users can view order details in cart.**

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

**Response**

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

1. **Buy now:**

**Here users can add the product to cart and view cart.**

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | http://127.0.0.1:8000/user/cart/add |

**Request**

|  |  |
| --- | --- |
| **Parameter Name** | **Description & Data Type** |
| Order type | Type of order (fabric only or with tailoring). string |
| Quantity | Quantity of the product. float |
| sizes | Measurement sizes. float |

**Response**

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

1. **Check Out:**

**View check-out:**

**User can view checkout page**

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

**Response**

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

**Proceed check-out:**

**User can add shipping address and payment method**

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | http://127.0.0.1:8000/user/checkout |

**Request:**

|  |  |
| --- | --- |
| **Parameter Name** | **Description Type & Length** |
| Name | Name of the user string |
| House Name | House name. string |
| City | City name. string |
| State | State name. string |
| Pin code | Pin code. int |
| Phone No. | Phone number of the user. int |
| Payment method | Payment method. String |

**Response**

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

1. **User Profile:**

**View Account Details:**

**Here user can view account details**

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

**Response**

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

**Edit Account Details:**

**Here user can edit account details**

|  |  |
| --- | --- |
| **Method** | **URL** |
| PUT | http://127.0.0.1:8000/user/profile/edit/{customer\_id} |

**Request**

|  |  |
| --- | --- |
| **Parameter Name** | **Description Type & Length** |
| First Name | Name of the user string |
| Last Name | Name of the user string |
| Email | Email address. string |
| Password | Password. string |

**Response**

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

1. **User Logout:**

**Users can log out from the webpage.**

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

**Response**

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