API Specification Doc

Version	Date	Author	Description
1.0	16-10-2022	Fayas P A	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	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
GET	admin_panel/products/add_product

Request

Parameter Name	Description	Type & Length
Category	Category of the product	String
Product name	Name of the product	string
Price	Price of the product	int
Quantity	Quantity of the product	int
Product Image	Image of the product	image

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
Product name	Name of the product	string
Price	Price of the product	int
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
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

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
Name	Name of the user	String
Username	User name of the user	string
Address	The address of the user	string
Email	User email	email

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

Parameter Name	Description	Type & Length
username	Username of the user	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

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

username	Username of the user	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

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