***Modular Designing of The Project***

**Common Section**

**Signup Section**

This section will be used by both admin and users. They use this create account in the e-commerce website. They will be asked to sign up this website verified email, phone number and strongly password. An OTP verification of the user will also be held here. We will do this by giving a form to the user in which he/she have to fill the required fields. These details will be then stored to the database securely. After both server side and client-side validation, implements of security measures such as password hashing and account recovery will be done. But admin have to signup to the page with appropriate GST id and proper company name.

**Login Section**

* Client-Side validation
* Checking the email and password with the same given in the signup section.
* Creation of the session with the email given by the user.

**Logout Section**

* Both the user and the admin can destroy their session by getting into this route.

**Admin Section**

The email and password will verification asper the admin’s they will enter to the admin’s dashboard.

**Admin Dashboard**

* They admin can see the product
* Sales details
* Stock details
* Availability of products
* Admin can edit bar for product details
* Admin can delete the product in the website

**User Management**

Admin can remove the user in case of infringement of rules.

**Product Management**

* Admin can any time change product price and details
* Admin can give the product price discount
* Admin can add new product in the application
* Admin can always view product availability of graph

**User Section**

**User Dashboard**

* Product details, image and price
* Search bar for products
* Add to cart page
* Payment details
* Profile page

**User profile**

* User can see and update user details here

**Cart Facility**

* Multiple Product will add the cart
* Multiple Product prices are calculated to show in all amount
* Product are classified in the category wise
* The have buy the Product button

**Wishlist Facility**

* Product as liked they will show
* Any time add or delete

**Ordering Process**

* User can click buy now button that time work this process
* That time will asked verify the address and create a new address
* Then last show the full amount include discount and taxes

**Payment gateway**

* The are allowed cash on delivery then UPI transfer and bank transfer
* The confirmation message for order is confirm the verification with order id