**Code Academy** **(Project structure)**

**Ecommerce website As a full-stack web developer**

In the full ecommerce website you are going to have two user’s panels

Admin panel and The Users panel

Admin panel Functionality :

(1). Admin will be the one managing the products(Adding, Editing, Deleting, List of order Products and delivered product) from the admin panel

(2). Admin will be the one managing the banners(Adding, Editing, Deleting) updates

(3). Admin will be the one managing all available users(Deleting And Blocking)

(4). In all before accessing the admin dashboard there will be an admin login page that recognizes only one admin.{there will be no admin registration page}. {you will be inserting admin info manually from mysqli db}

(5). Admin profile (Editing profile, change of password and Previewing of profile)

(6). Logout(Destroys Admin sessions);

Admin database structure<products> :

(PRODUCT\_TABLE=>[

Integer(id)

string(product\_name)->(1000)

string(product\_brand)->(1000)

varchar(product\_decription)

integer(product\_price)

string(uploaded\_date)->(1000)

varchar(product\_image)

])

Similar way goes for the rest.

**Users Panel:**

In the user panel you will be displaying all content you stored from the admin panel

Using(Mysqli connections)

1. on your landing will be show the banners and the write up from the DB(stored by Admin)

2. on your product page will be showing product from DB(stored by the admin)

***Pages for users panel:***

You will have your landing page, shopping page(product page), cart page, favourite page, checkout page, users dashboard(Edit profile page, profile page, pending product page, delivered product page)

Shopping page:

This where all product are listed out each product will can be previewed, add to favourite or add to cart

If user previews a product also let the details of the product will show as well

If user add product to cart, product will be push to cart and if one user clicks on add to cart

For a particular product you calculate it and add it as quantity instead of having one product multiple times

Same goes with add to favourite.

You can only check out product that has being added to cart only and checkout page is where all the quantities of products are summed it total and where you will provide your billing address

After that on the checkout page you will have a button(Pay Now) at the click of that button there will be a popup

Where user could fill in there credit card info(card number, expiring date, cvv). After that order should be successful.

User is not allowed to add to cart, favourite or checkout if not register or login

**User DB Structure:**

(userinfo\_table=[

Int(id)

String(username)->(1000)

String(email)->(1000)

String(phone)->(1000)

String(address )->(2000)

String(country )->(1000)

String(gender )->(1000)

varchar(image)

])

(cart\_table=[

Int(id)->auto\_increment

Int(userid)

string(product\_name)->(1000)

string(product\_brand)->(1000)

varchar(product\_decription)

integer(product\_price)

string(uploaded\_date)->(1000)

varchar(product\_image)

])

(favourite\_table=[

Int(id)->auto\_increment

Int(userid)

string(product\_name)->(1000)

string(product\_brand)->(1000)

varchar(product\_decription)

integer(product\_price)

string(uploaded\_date)->(1000)

varchar(product\_image)

])

(order\_table=[

Int(id)->auto\_increment

Int(userid)

string(product\_name)->(1000)

string(product\_brand)->(1000)

varchar(product\_decription)

integer(product\_price)

string(uploaded\_date)->(1000)

varchar(product\_image)

(billingaddress\_table=[

Int(id)->auto\_increment

Int(userid)

string(country)->(1000)

string(address)->(1000)

varchar(postcode)

])