



Supermarket

Sameer Shaik (14446)
Shrikant Gautam (14443)
Saikiran Kota (14445)
Sanyogita Dere (14433)

Angular Components

Super Market project consist of six components:

Sr. No.	Components	Description
1.	Admin Component	➤ Admin component performs crud Operation on product.
2.	User Component	➤ User component retrieve the products in the database
3.	Cart Component	➤ Cart component list the added product by user to the cart and delete the product from the cart. ➤ Buying process is done in cart Component.
4.	Login Component	➤ Login component provides authentication and provides role Based authorization.
5.	Register Component	➤ Register component provides sign up Functionality to the user.
6.	Home Component	➤ Home component provides the Landing page for our application.

Tables

Database:
supermarket

Tables:

I. Users table:

id	Primary key, Auto increment
name	Not null
username	Not null
email	Not null
password	Not null
contact	Not null

II. Roles table:

id	Primary key,Auto increment
Role_name	[admin/user],Not null

III. Users_roles table:

User_id	Roles_id
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IV. Product table:

id	Primary key,Auto increment
productname	Not null
price	Not null
description	Not null
quantity	Not null
active	Boolean by default false.

Test Cases

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Result	Actual Result	Pass/Fail
LC01	Admin with valid data tries to login.	1. Go to localhost:4200 2. Click on Login link. 3. Enter credentials. 4. Login	Username: sameer Password: sameer	Admin should be able to login.	As expected	Pass
LC02	Admin with incorrect credentials.	1. Go to localhost:4200. 2. Click on Login link. 3. Enter credentials. 4. Login	Username: shrikanth Password: shrikanth	Admin should not be Able to login.	As expected	Pass
LC03	User with incorrect credentials tries to login	1. Go to localhost:4200. 2. Click on Login link. 3. Enter credentials. 4. Login	Username: shrikanth Password: shrikanth	Error -> Unauthorized	As expected	Pass
LC04	User with valid data tries to login.	1. Go to localhost:4200. 2. Click on Login link. 3. Enter credentials. 4. Login	Username: shri120kant Password: shrikanth	User should be able to login.	As expected	Pass
LC05	Nothing is entered.	1. Go to localhost:4200. 2. Click on Login link. 3. Enter credentials.	none	Username and Password required	As expected	Pass

		4. Login				
SU01	All required credentials are entered	1. Go to localhost:4200. 2. Click on Login link. 3. Click on Sign up link 4. Enter credentials. 5. Sign up	Name Username Email Password Contact	User is signed up successfully.	As expected	Pass
SU02	Some fields are unfilled.	1. Go to localhost:4200. 2. Click on Login link. 3. Click on Sign up link 4. Enter credentials. 5. Sign up	Name Username Password Contact	Email is required.	As expected	Pass
AD01	Admin tries to add new product.	1. Go to localhost:4200. 2. Login as admin. 3. Click on add new product. 4. Enter required fields. 5. Click on add.	Product name: Maggi Price: 60 Description: abc Quantity: 10	Added into the database in product table.	As Expected	Pass
AD02	Admin tries to delete a product	1. Go to localhost:4200. 2. Login as admin. 3. Click on delete.	none	Product gets deleted	As expected	Pass

AD03	Admin tries to active/inactive the product	1. Go to localhost:4200. 2. Login as admin. 3. Click on active/inactive.	none	Product gets activated/Inactivated	As expected	Pass
AD04	Admin tries to update quantity	1. Go to localhost:4200. 2. Login as admin. 3. Click on update. 4. Change the quantity. 5. Click on update button.	Quantity:24	Product quantity gets updated	As expected	Pass
US01	User tries to add a product to the cart	1. Go to localhost:4200. 2. Login as user. 3. Click on add to cart.	none	Product added to the cart	As expected	Pass
US02	User tries to delete a product from cart	1. Go to localhost:4200. 2. Login as user. 3. Click on cart icon. 4. Delete a product from cart.	none	Product is deleted from cart	As expected	Pass
US03	User should retrieve all the product	1. Go to localhost:4200. 2. Login as user.	none	Product list added to the cart is retrieved.	As expected	Pass

	added to the cart.	3. Click on cart icon.				
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Business Features

➤ User

- Users can search a product by using product name.
- User can buy a product only if it is in stock.
- There is complete transparency between Admin and User.

➤ Admin

- Allows Admin to access all product's data, retrieving information such as product-list which helps admin to make changes in products data.