WELCOME TO:FENOMENAL STORE

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Introduction:

- The purpose of this project is that the products can be sold online.
- E-commerce is buying and selling of goods and services over an electronic network, primarily the internet.

Abstract:

- E-Commerce if the process of doing business through computer networks.
- A person sitting on his/her chair can access all the facilities of the internet to buy and sell the products.
- Unlike traditional commerce that is carried out physically with effort of a person to go and get products, ecommerce has made it easier for human to reduce the effort.

Functional requirement:

- **Minimalism:** The users are interested in buying the product that they want, which is why they need a simple interface, intuitive categories and the necessary information.

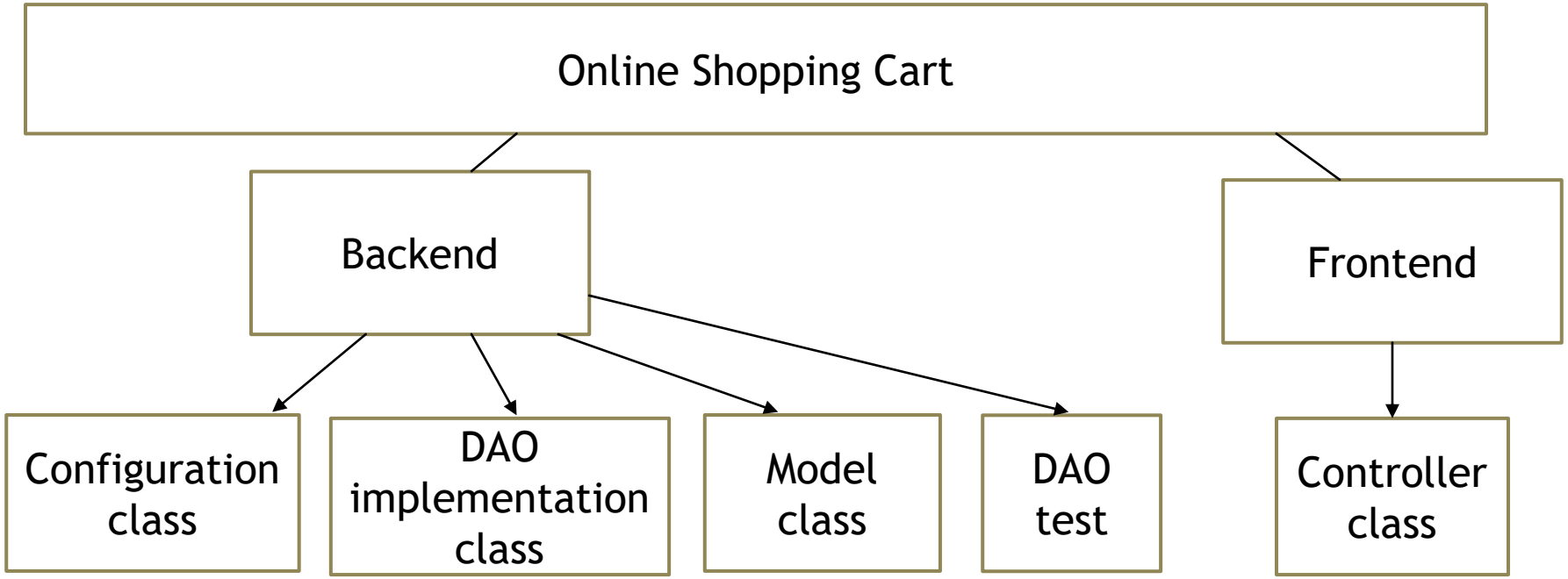
- **Mobile First:** Seeing as how the majority of traffic online takes place via mobile devices, it’s only natural that you need to consider going mobile-first with your design.

- **Multilanguage support:**Since many overseas markets are rapidly growing, you should provide multi-language support on your website to avoid alienating any international customers.

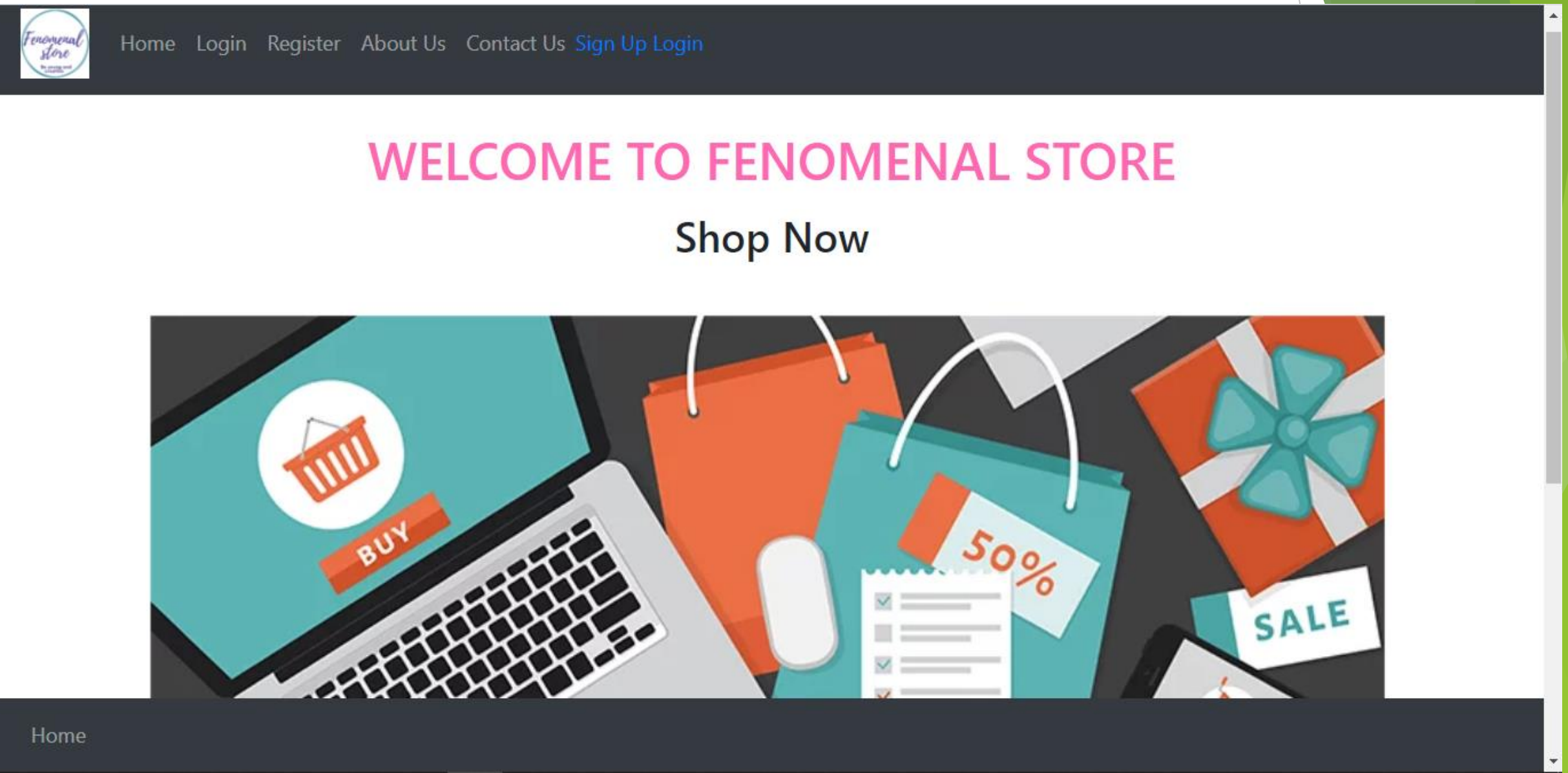
Non-Functional Requirement:

- **Security**: Secure access of confidential data(customers details).
- **Availability:** 24x7 availability
- **Component design**: Better component design to get better performance at peak time.

Implementation Modules:



Module Screenshots:



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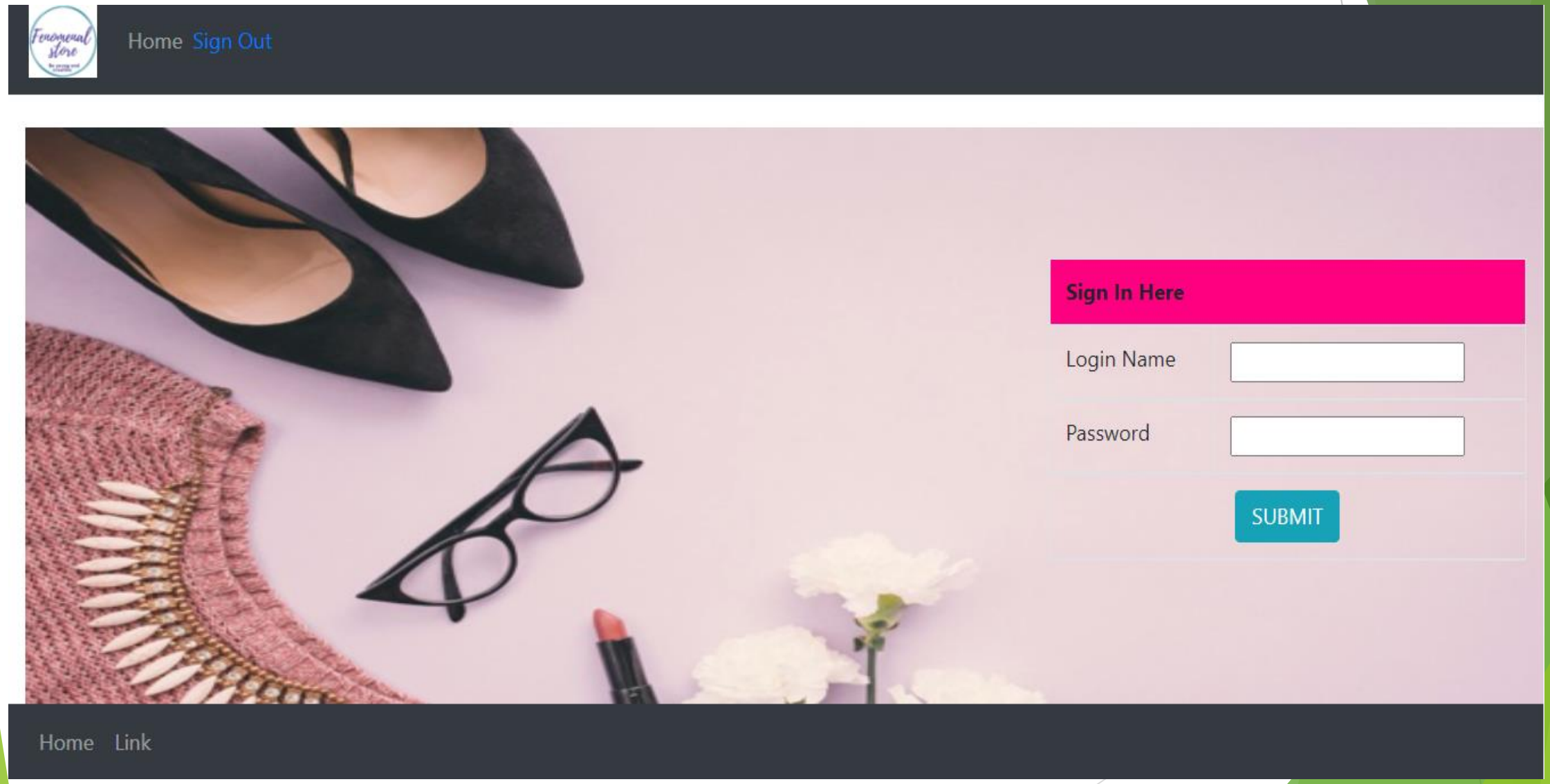
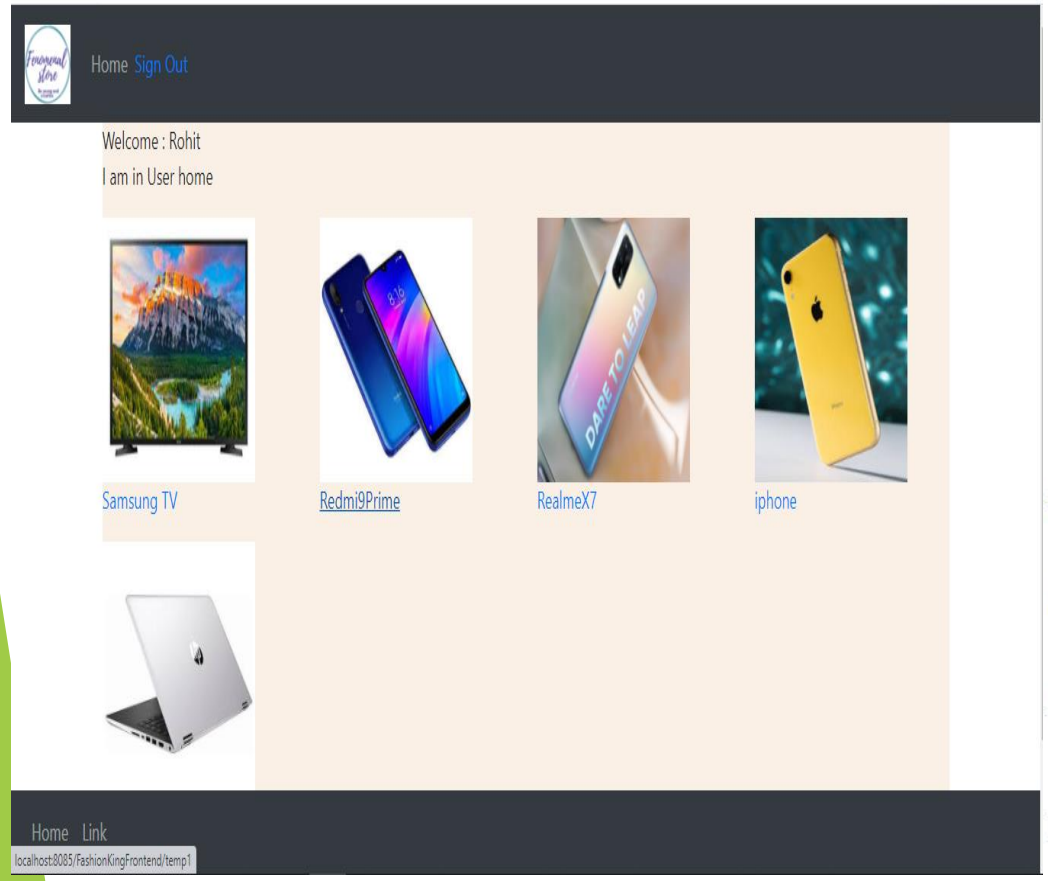
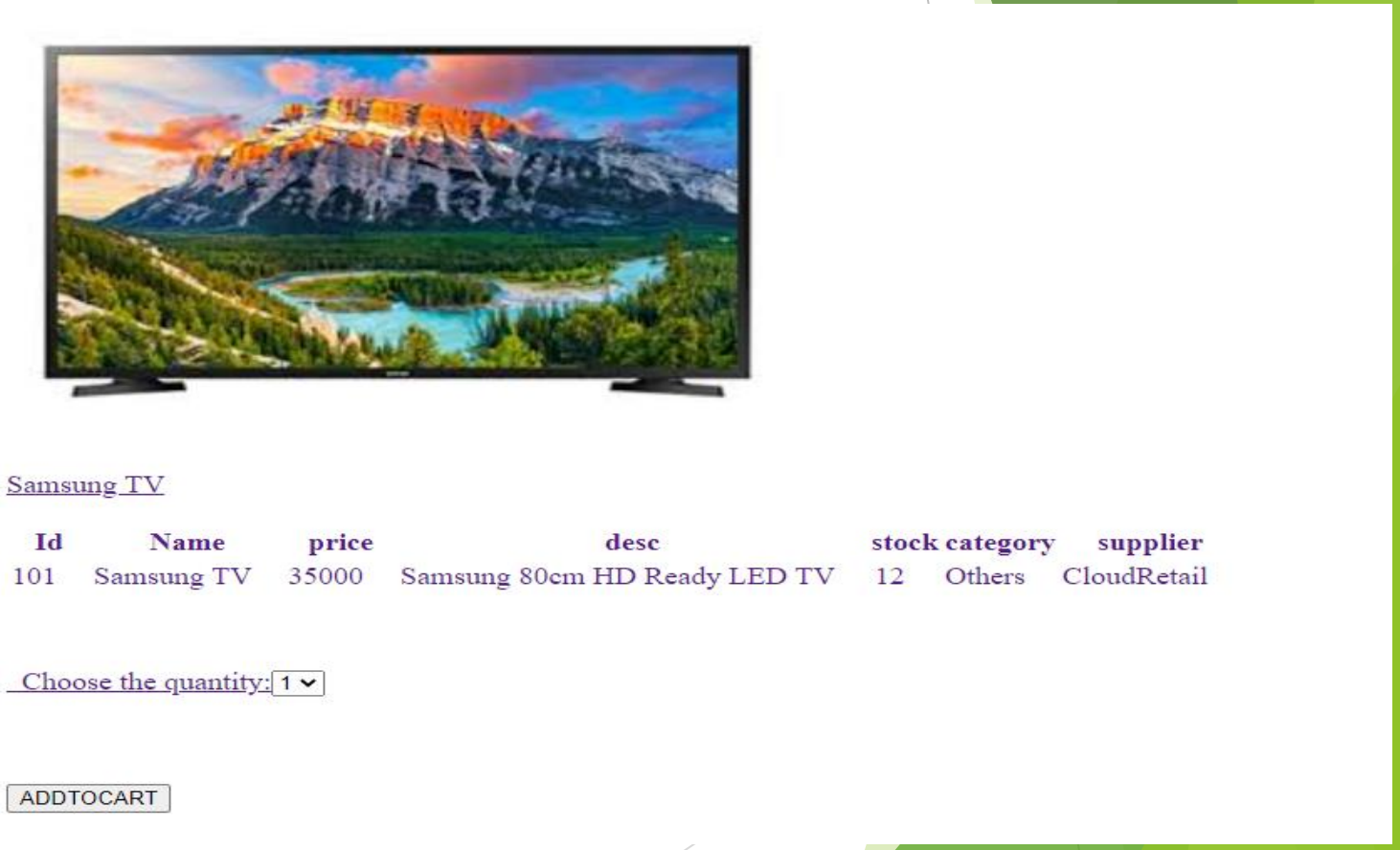


Module Screenshot Cont…..





Module Screenshot Cont…..

The item added to the cart!

Go To Home Page

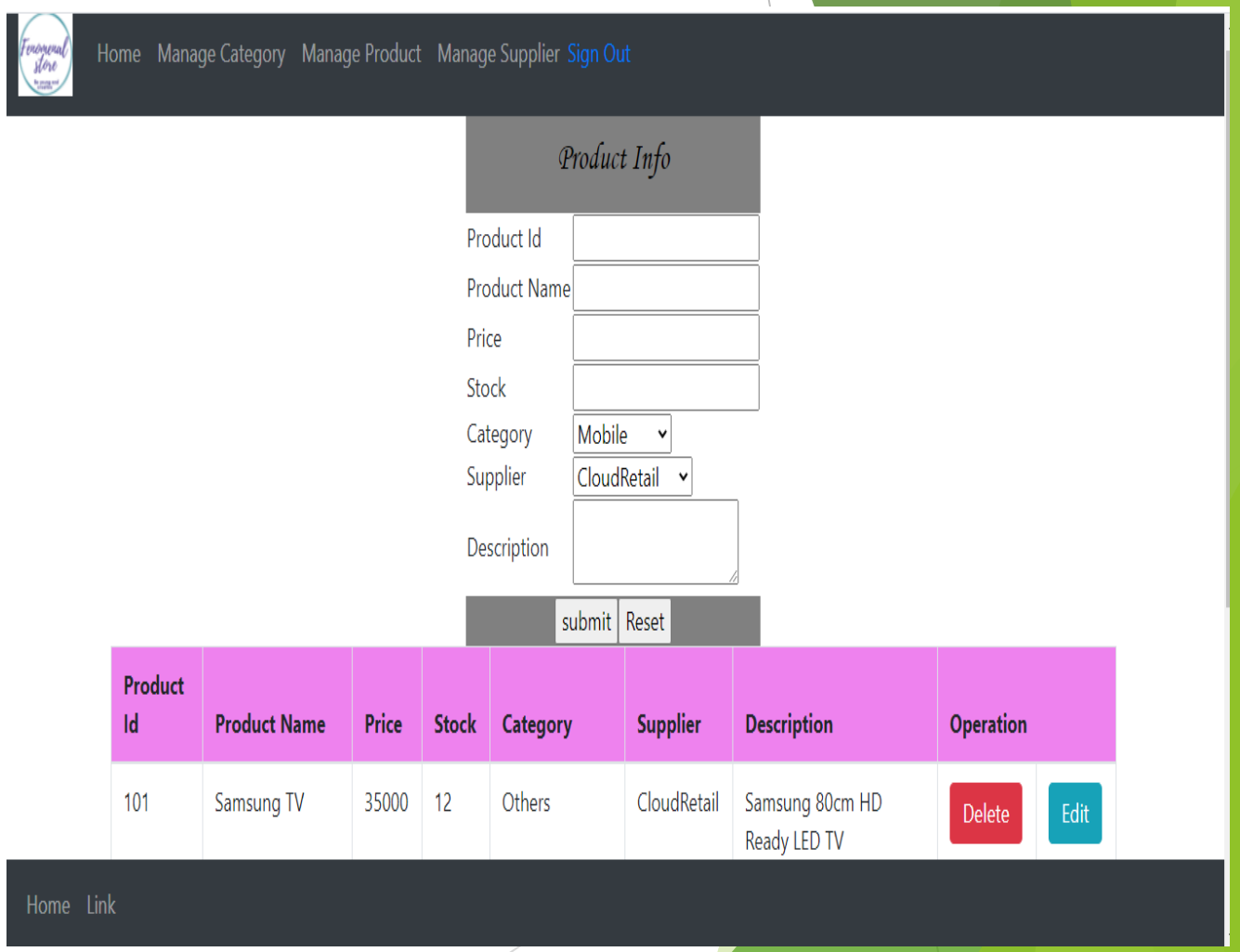
Module Screenshot Cont…..

Welcome : kiran

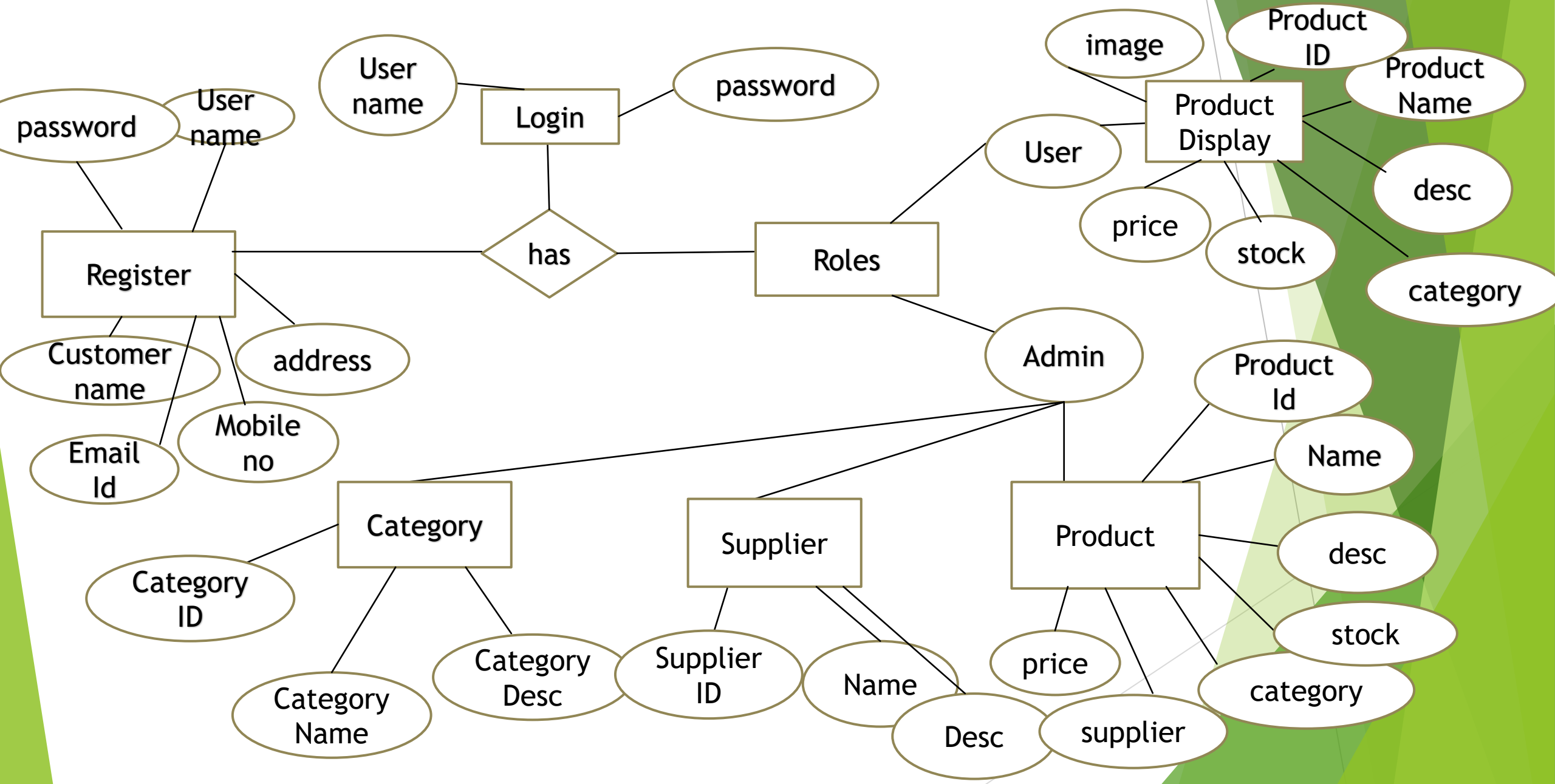
I am in Admin Home

Home

Module Screenshot Cont.....



Database ER Diagram:



Tables:

product table:

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

productId	productName	price	description	stock	category	supplier
101	Samsung TV	35000	Samsung 80cm HD Ready LED TV	12	Others	CloudRetail
102	Mobile-Redmi9Prime	15000	4GB RAM	13	Mobile Accessories	CloudRetail
103	Realme X7	20000	8GB RAM	66	Mobile Accessories	CloudRetail
104	Apple iPhone7	50000	Best phone	90	Mobile Accessories	bigc
105	HP Laptop	30000	4GB/1TB HDD/Windows 10	100	Mobile Accessories	CloudRetail

Product 1

Supplier table:

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

supplierId	supplierName	supplierAddr
101	KG Garments	Banglore
102	R&T Company	Mumbai
103	Proactive Bio1	Hydrabad
NULL	NULL	NULL

Category table:

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

categoryId	categoryName	categoryDesc
1002	Mobile-vivo	best mobile
1004	Mobile-XiomiX7	Best phone
1005	Mobile-vivo	Best storage capacity

Category 3

TESTING:

- JUnit should be first option when testing the java applications. JUnit can be used separately or integrated with build tools like Maven.
- During the process of testing the applications developers may face many problems. The flow of an application cannot be tested only using main() method. For example, for a web application if we want to test the flow we need to deploy it on the server and if there is a change in java code the application should be restarted again therefore testing time is increased.
- JUnit can solve all these issues of testing. JUnit is used to test an actual class. Using JUnit we can save testing time.
- JUnit has become a standard for testing in Java programming language and it is supported by almost all the IDE's.
- JUnit is one of the best testing frameworks that can be selected for an efficient testing process.

Future Enhancement:

- The project can be extended to allow multiple images when user clicks on the product.
- Can also include video for that particular product .
- The current system is confined only to shopping cart process. It can be extended to have an easy to check out process.
- Can improve security level. Making application more secure and reliable.
- Project can be upgraded to more advance option such as sort date wise, location wise etc.

Thank You