

Ahsanullah University of Science and Technology
Department of Computer Science and Engineering



CSE 3104 : DATABASE, FALL 2020

Project Name : “E-Shopping”

Year: 3rd, Semester: 1st

Lab Section:B

Group:B1

Group Members:

Name: Kanzud Saiyara

ID: 180204105

Name: Nahian Jannat

ID: 180204085

Project Description

This project is a web based shopping system for some existing shop. The project objective is to deliver the online shopping application into android platform. This project is an attempt to provide the advantages of online shopping to customers of a real shop. It helps buying the products in the shop anywhere through internet by using an android device. Thus the customer will get the service of online shopping and home delivery from his favorite shop. This system can be implemented to any shop in the locality or to multinational branded shops having retail outlet chains. If shops are providing an online portal where their customers can enjoy easy shopping from anywhere, the shops won't be losing any more customers to the trending online shops . Since the application is available in the Smartphone it is easily accessible and always available.

Platform

Netbeans

Database : MS SQL Server Management Studio 18

Language : Java

Project Functionality and Key Features

Customer can choose from where to shopping

Customer can see the details of all the shops

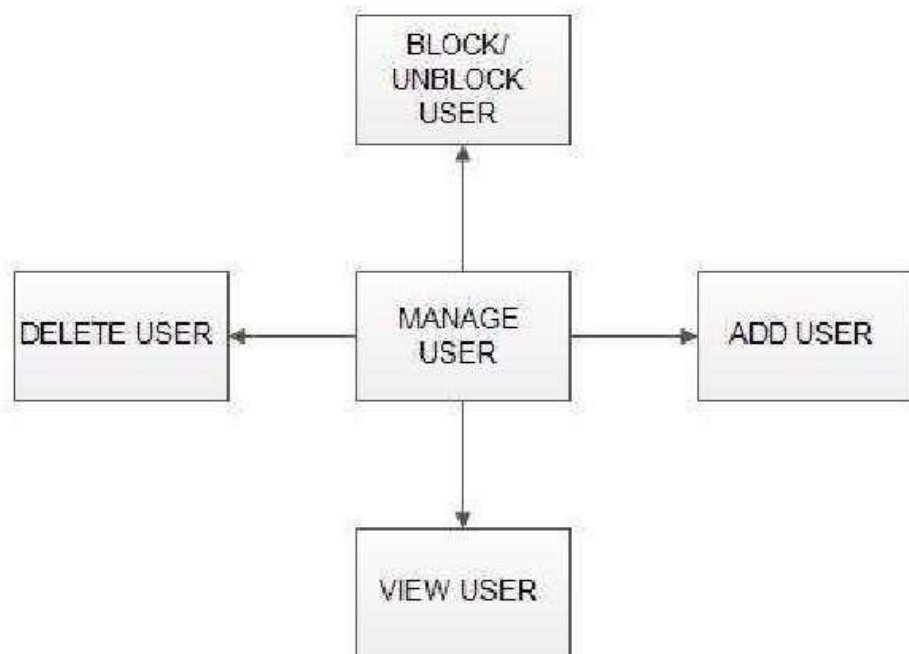
User can do shopping from different countries & different categories

Admin can add & delete new customers

Products:

- **ADD Products** : The shopping cart project contains different kind of products. The product can be classified into different categories by name. Admin can add new products into the existing system with all its details including an image.
- **Delete Products** : Admin can delete the products based on the stock of that particular product.
- **Search Products** : Admin will have a list view of all the existing products. He can also search for a particular product by name.

Manage User



Entity Relationship Diagram

ERD



Relational Schema

Relational Schema

AdminSign In (First Name, Last Name, Email, Address, Phone, DOB, NID)

Product (P-Id, P-Model, P-Price, P-Weight, P-Quantity, P-Categories, P-Country, P-Brand, P-type)

Customers (Customer-Id, Firstname, Lastname, Email, Address, Phone, DOB, NID, User type)

Locations (Location-id, City name) &

Store (store-id, Store name, Location-id)

Seller (Seller-id, Seller-name, Seller-age, Seller-phone, Seller-monthly income, Store-id)

Categories (Categories-id, Categories-name, Product-id)

CProducts (Products-id, Products-name)

Delivery Boy Night (Id, name)

DOD (Id, name)

❖ Conclusion:

We developed this project to administer the shop, where Employees and Admins can log in and conduct tasks based on their position and customer log in and buy their desired products.