Design and Implementation of E-Commerce Site for Online Shopping

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1.1 ABSTRACT

Online Shopping is a lifestyle e-commerce web application,which retails various fashion and lifestyle products.This project allows you to view various fashion cloths and do shopping in an easy way.

1.2 INTRODUCTION

E-commerce is fast gaining business paradigm. More and more business houses are implementing web sites providing functionality for performing commercial transactions over the web. Now a days online shopping became user friendly without any fear in the costumers. The objective of this project is to develop a general purpose e-commerce store where product like clothes can be bought from the comfort of home through the Internet. However, for implementation purposes, this paper will deal with an online shopping for clothes. An online store is a virtual store on the Internet where customers can browse the catalog and select products of interest.
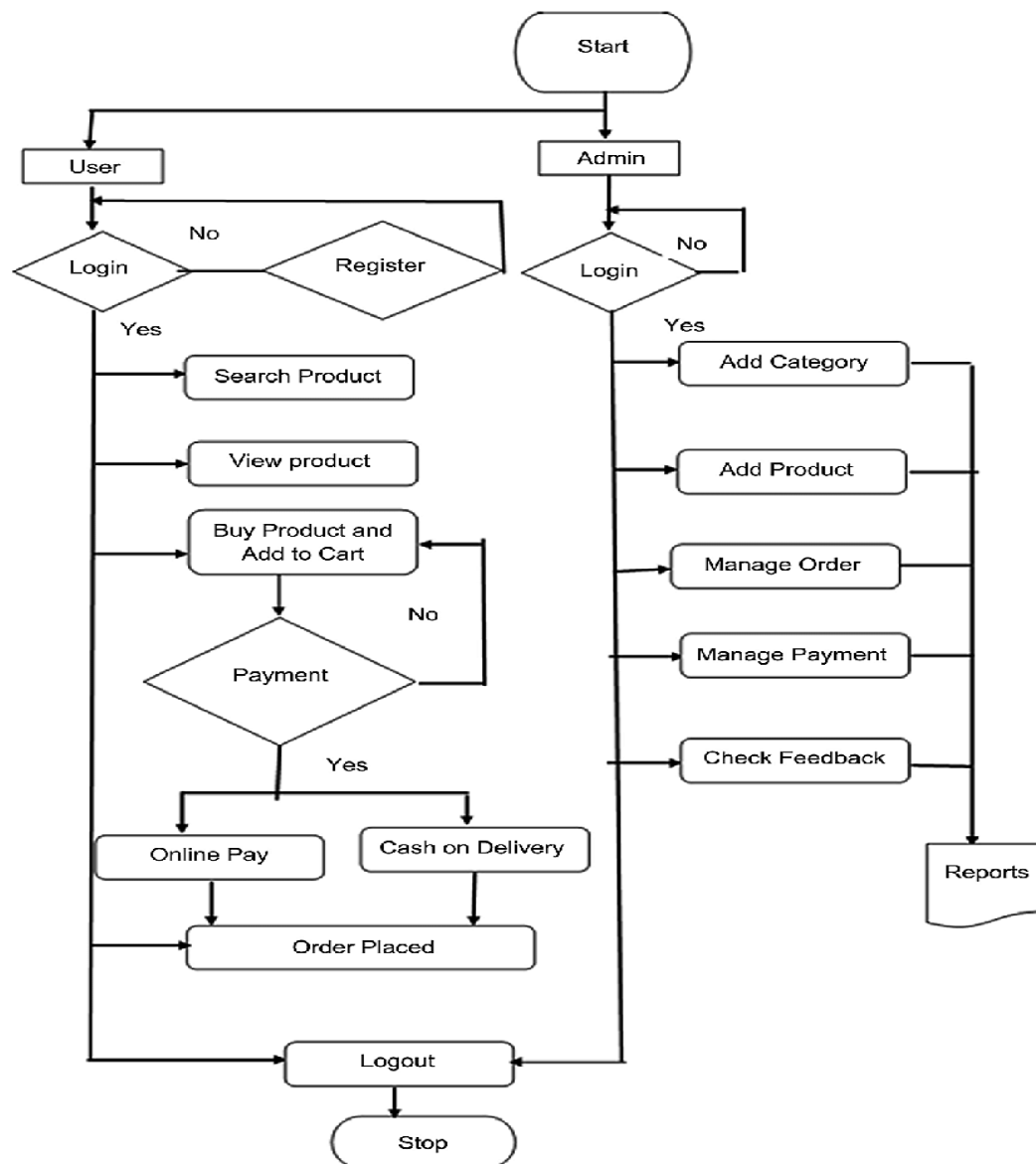
1.3 Description

- ➤ Any member can register and view available products.
- ➤ Only registered member can purchase multiple products regardless of quantity.
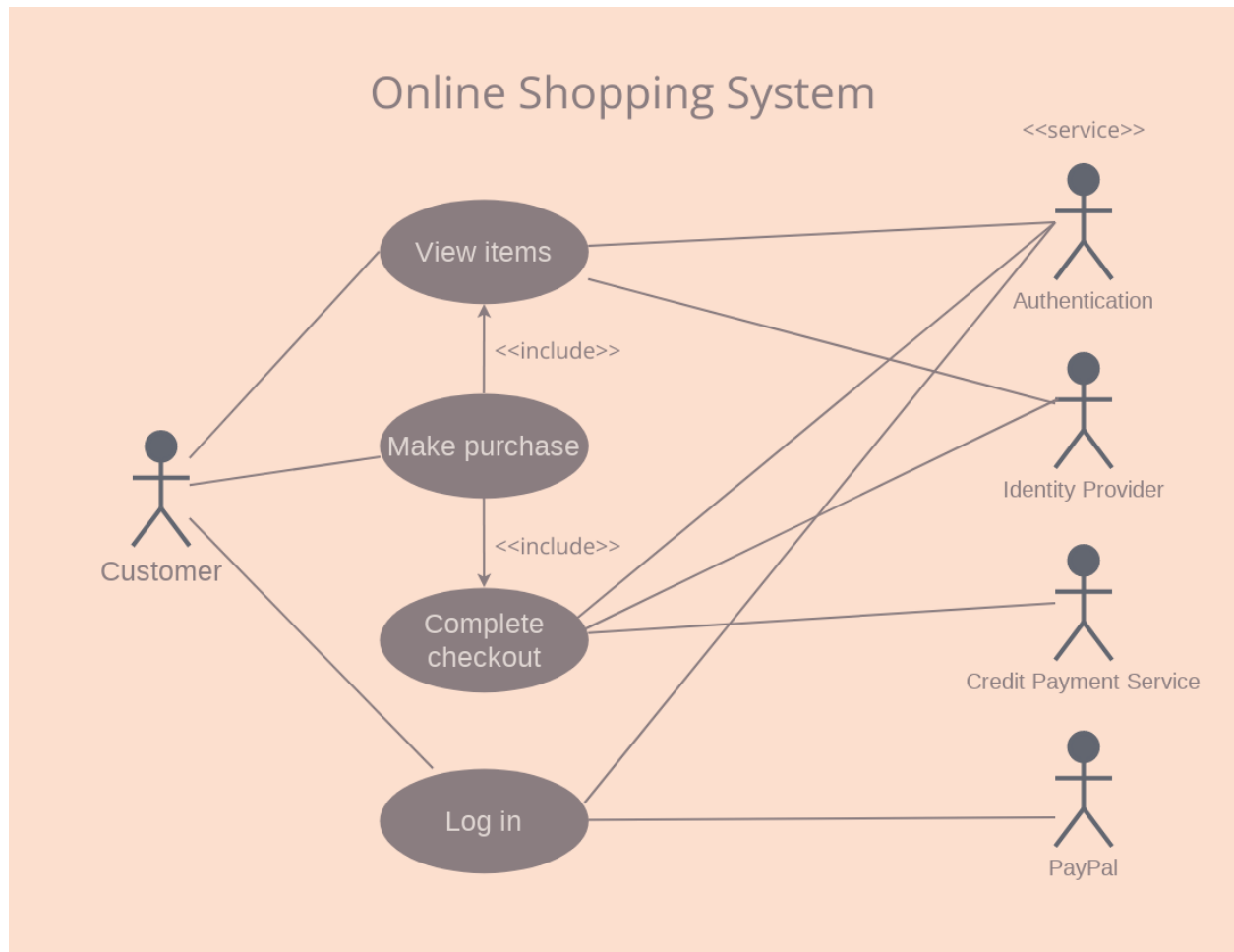- ➤ ContactUs page is available to contact Admin for queries.

➤ There are three roles available: Visitor, User and Admin.
- Visitor can view available products.
- User can view and purchase products.
- An Admin has some extra privilege including all privilege of visitor and user.

✓ Admin can add products, edit product information and add/remove product.

✓ Admin can add user, edit user information and can remove user.

✓ Admin can ship order to user based on order placed by sending confirmation mail.
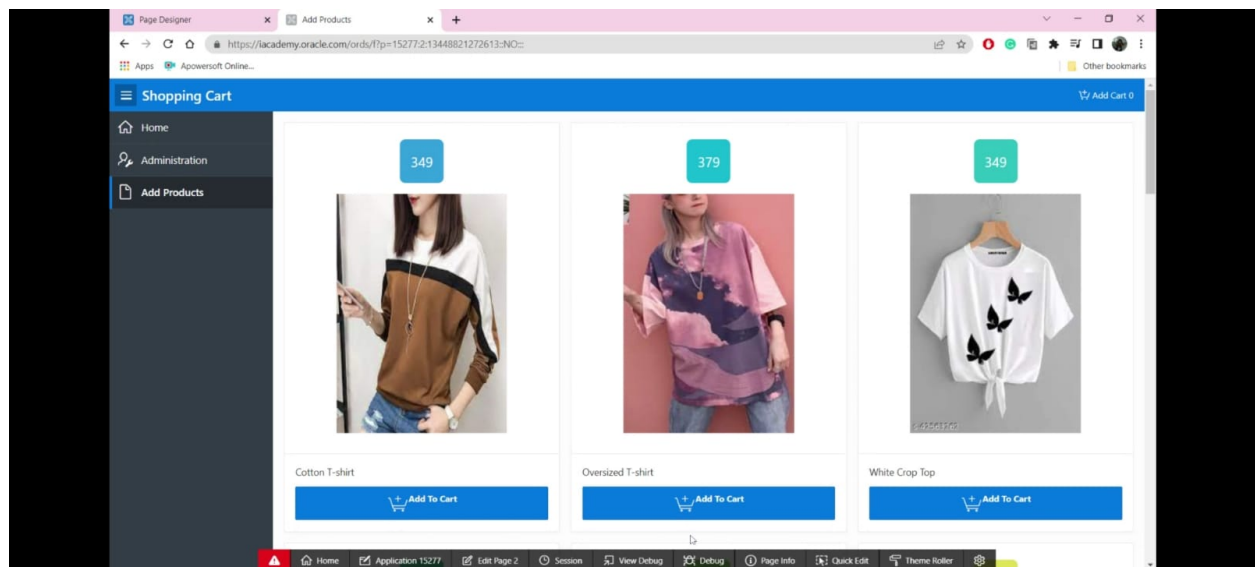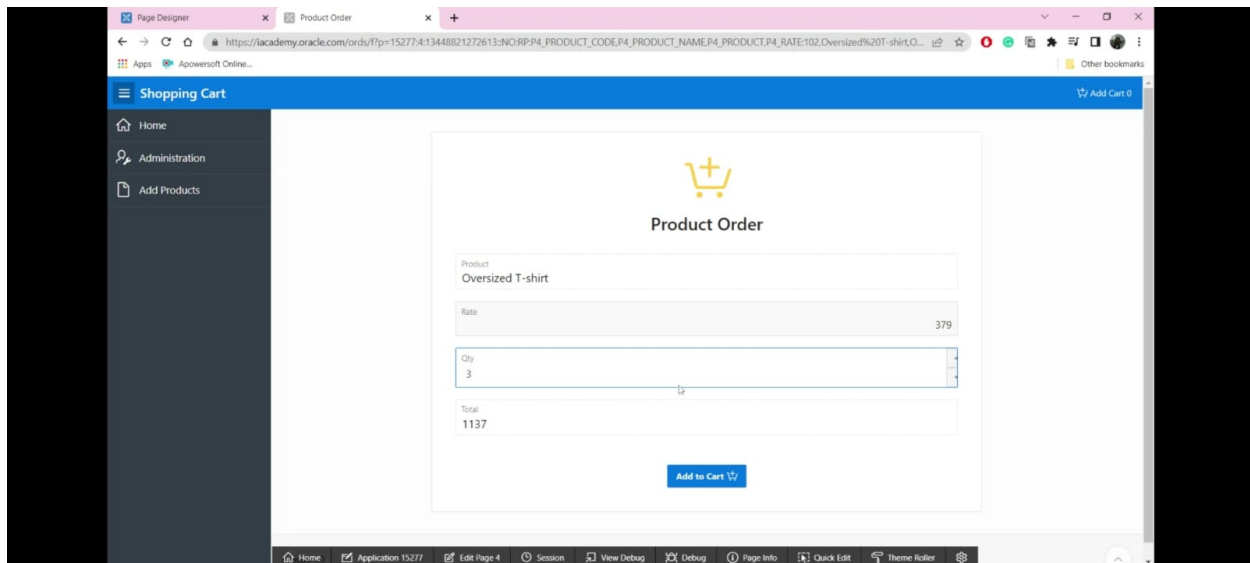
2. Analysis

Flow Chart for e-commerce shopping:

3.USECASE DIAGRAM

4. RESULT

4.1 ONLINE SHOPPING APPLICATION

Anyone can view Online Shopping portal and available products, but every user must login by his/her Username and password in order to purchase or order products. Unregistered members can register by navigating to registration page. Only Admin will have access to modify roles, by default developer can only be an 'Admin'. Once user register site, his default role will be 'User.

LOGIN PAGE: Login page for both users and administrators.

HOMEPAGE: The Home Screen will consist of screen were one can browse through the products which we have on our website

CLOTHING PAGE (PRODUCTS): This page consists of product details. This page appears same for both visitors and users.

Order Page: Registered users can order desired products from here

Contact Page: Visitors and Registered users can contact website owners or administrators from here

Data Description
This database consists of
Users: User and Admin information is added to database with Unique ID based on their roles.

Shopping: Complete products information is stored in this table.
Orders: Customer ordered products, status and delivery information is stored in this table.

Conclusion:

A good shopping cart design must be accompanied with user-friendly shopping cart application logic. It should be convenient for the customer to view the contents of their cart and to be able to remove or add items to their cart. The shopping cart application described in this project provides a number of features that are designed to make the customer more comfortable.