

E-Booking System for Local Store on Customer Loyalty.

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Abstract

The main problem is that when we visit to the local store then we don't know about that product is available on the store or not. if the product is available on the store but we don't have any idea about the price of that product and the price of that product may vary on different store. We can't compare the price of that product because may we have to visit different-different store to know about the price .it may be when we visit at our local store then may be crowd and our much time will spoil in to get that product at store.

The purpose of a local store online booking system is to allow potential customers to check the availability of product, they can also compare the price of product with different local store, and

pay through our website. Costumer can order their daily use grocery and general items from their home. costumer can check the quality of that product which they want to buy.

In this online local store booking system costumer will easily order their grocery and daily use products without facing any issue.

Client-Side JavaScript Frontend framework, HTML, and CSS. Backend Languages: SQL used for store the database of the costumer and local store. Connectivity: PHP used for the connectivity with the Frontend and Backend.

When the user will go through our website, they no need to wait for their product and they already know the availability of that product on store. Costumer can easily compare the price of the product with their many local stores. the costumer no need to wait at the local store to buy they can order their item from their home. costumer will pay the amount of that product in different online modes.

The conclusion is that costumer will save their time to go on local stores. costumer will also get their product at minimum price, and they can also check the productis available on the store or not.

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1.0 INTRODUCTION

A local store online booking system is to allow potential customers to check the availability of product, they can also compare the price of product with different local store and pay through our website. Customer can order their daily use grocery and general items from their home. customer can check the quality of that product which they want to buy .in this online local store booking system customer will easily order their grocery and daily use products without facing any issue.

They recently made the decision to switch from a manual to a web-based booking system. They will be able to easily manage customer bookings and safeguard customer data thanks to this. It will also make it easier for staff to respond to customer feedback and keep track of online booking requests. That's why they hired a developer to build this well-known company's web system. The user interface (how the web-based system will be implemented) is depicted in this documentation.

2.0 UML DESIGN

The simplest form of the "Unified Modelling Language" is UML design.

The visualization of the system's design is the goal of this modeling language. There is total 14 types of UML diagram. They are:

- Class Diagram.
- Component Diagram.
- Deployment Diagram.
- Object Diagram.
- Package Diagram.
- Profile Diagram.
- Composite Structure Diagram.
- Use Case Diagram.
- Activity Diagram.
- State Machine Diagram.
- Sequence Diagram.
- Communication Diagram.
- Interaction Overview Diagram.
- & Timing Diagram.

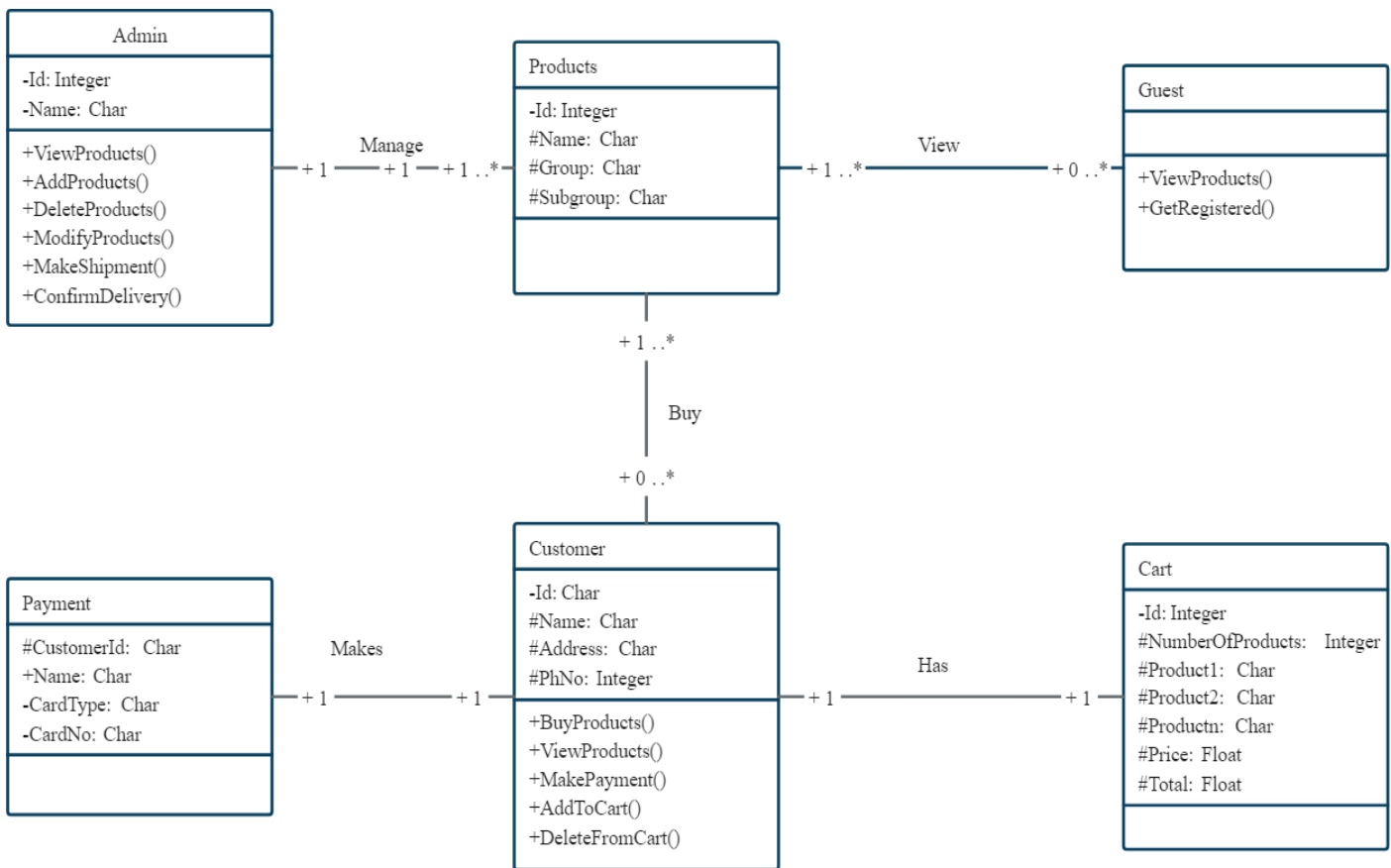
Out of the 14 diagrams, we will only display two here. We have select the "Use Case Diagram" and "Class Diagram" for this aim.

Class Diagram

In the field of software engineering design, the Class Diagram is the most frequently used UML diagram. It is referred to as an essential component of any object-oriented solution. Typically, it shows the system's classes, their attributes and operations, and the connections between them.

The "CLASS DIAGRAM" of our proposed new system can be found below.

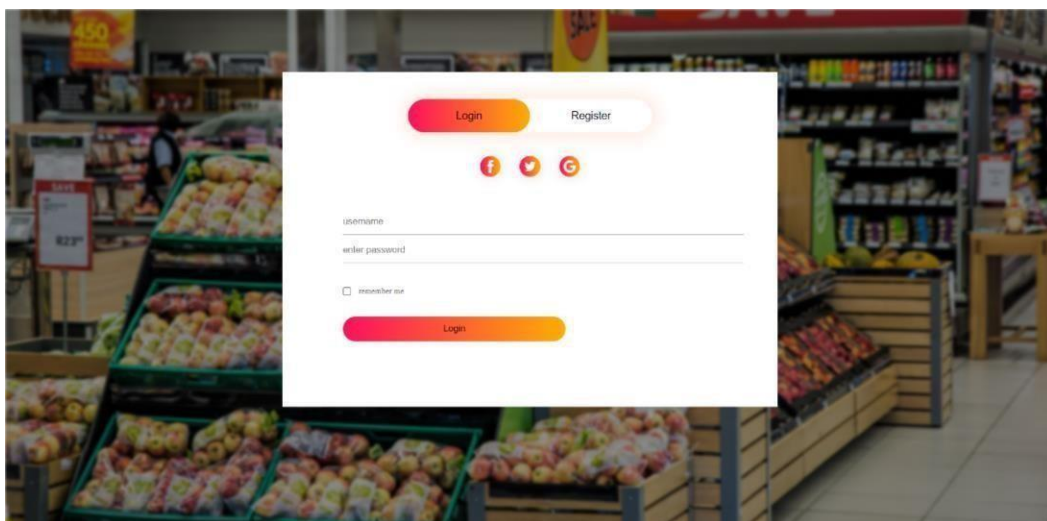
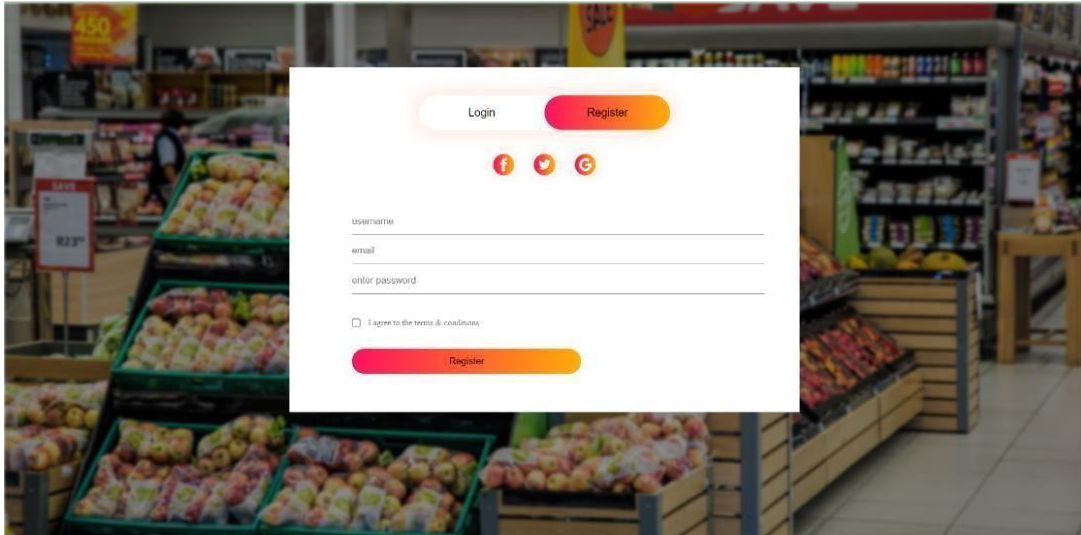
CLASS DIAGRAMS

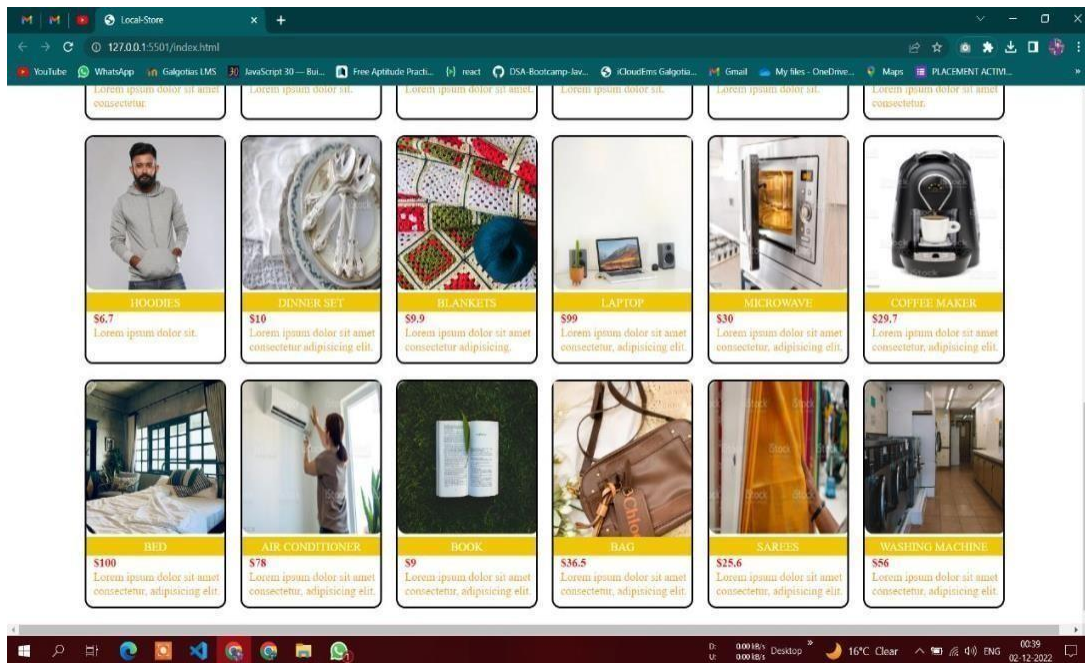
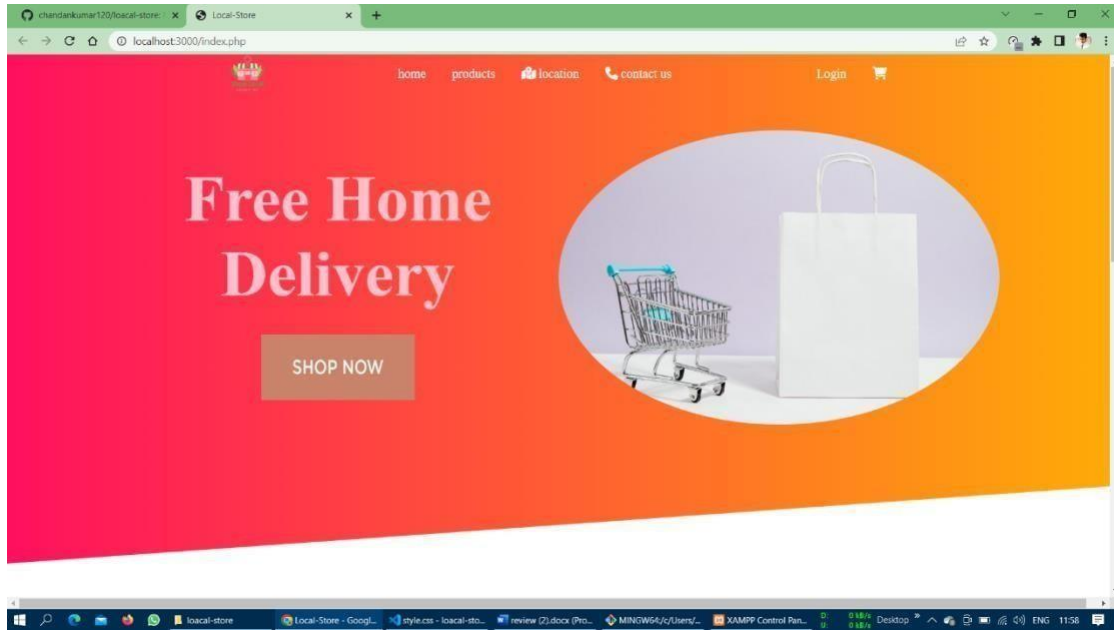


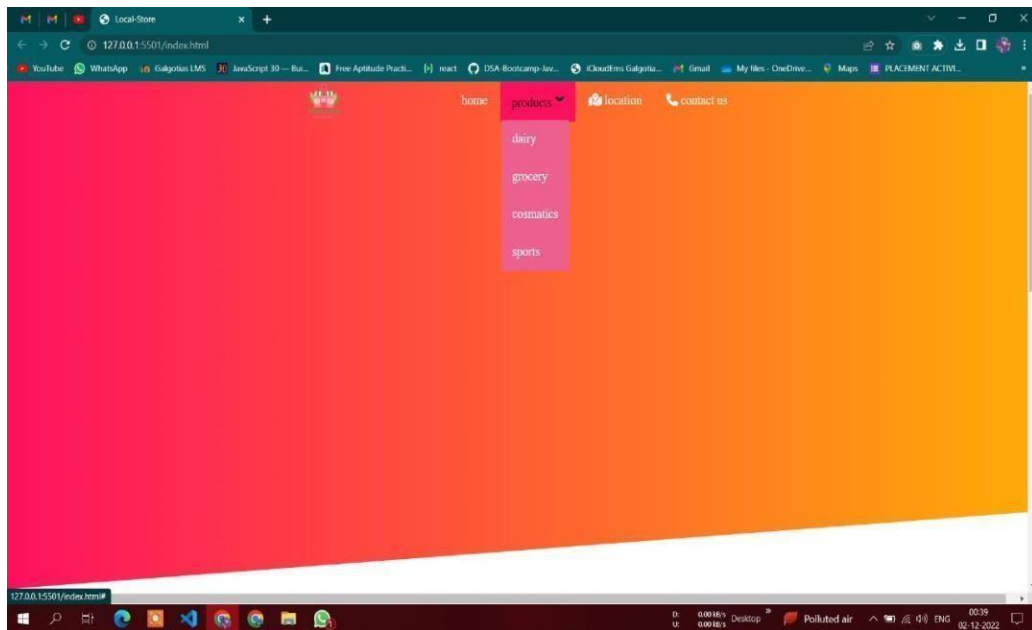
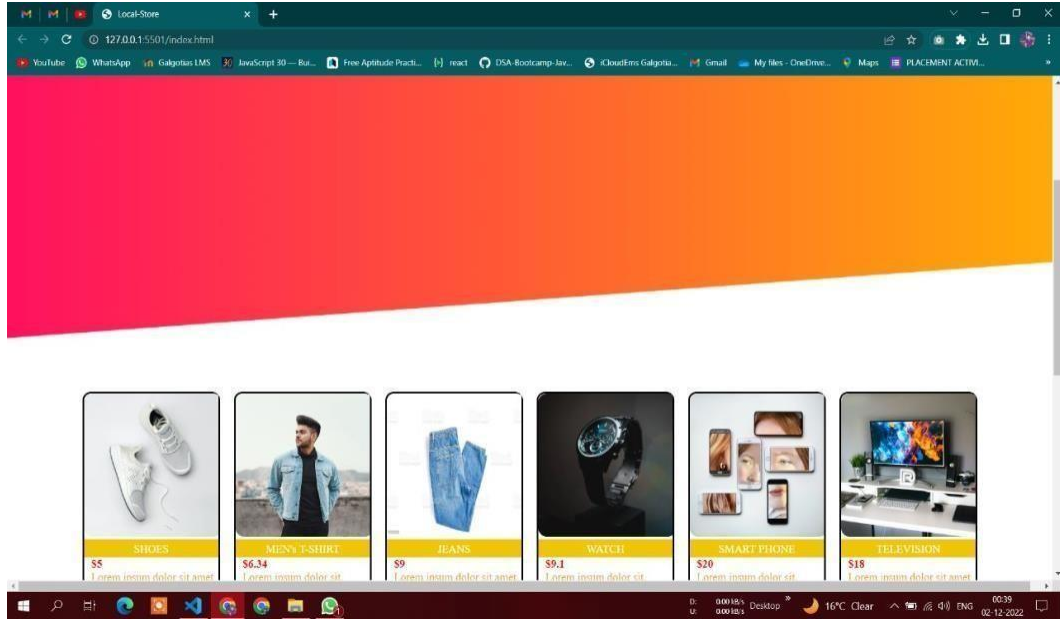
3.0 Data Flow Diagram



4.0 Physical Design







5.0 TEST PLAN

Test Case 001

Test Title: Easy Booking Icon

Test Procedures: Click on the icon.

Test Data: Users need to click on the icon bar.

Expected Result: It will redirect to the system home page.

Test Case 002

Test Title: Customer & Staff Login.

Test Procedures: Type username & password.

Test Data: Username & password must be in alphanumeric. Otherwise, system will show error(ex. Please enter valid alphanumeric data).

Expected Result: It will redirect to login page.

Test Case 003

Test Title: Sign Up

Test Procedures: Click *sign up* page.

Test Data: Input customer's information and click on the button "**SIGN UP**".

Expected Result: It will register new customer.

Test Case 004

Test Title: Username & Password

Test Procedures: Enter customers or staffs valid username (Upper Case and Lower

Case) and password (Alphanumeric).

Test Data: Invalid password will show the warning message (Please Enter Valid Password).

6.0 IMPLEMENTATION

System implementation is the most important steps in case of finalizing the approved web system. We need to justify some basic requirement (software & hardware) so that the system will work without having obligation and customers dissatisfactions.

Software Requirement:

Operating System: Windows (XP, 7, 8, 8.1) or Mac OSX (Tiger, Leopard, Snow Leopard, Lion, Yosemite).

Web Browser: Google Chrome, Internet Explorer (ver. 8 or later), Mozilla Firefox, Safari(Mac).

Tools and Technology: HTML, CSS, JavaScript.

Database Management System: MySQL, SQL Server, Microsoft Access, Oracle.

Hardware Requirement

RAM: Minimum 1GB or higher.

HDD: Minimum 50 GB.

Processor: Intel Pentium 4 or AMD.

LAN: Version 1.6.6.406(For fixing up client disconnection)

details for verification purposes. It will not charge them promptly. So, Overall, this system will give the customers a better user-friendly environment to book online.

7.0 CONCLUSION

The system is having some benefits for customers too. In home page customers can put their email address or phone number for getting the information on their phone. The application will work on that system also which having low specifications. By this Customers can book things by using this web application. Again, customers no need to worry for payment. But for reservation they need to key in their credit card

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