American International University- Bangladesh

CSC 3222: Web Technologies

CO1.1 and CO2.1 Evaluation
Project Report
Summer 20-21

Project Title: Online Super Shop
Section: D
Course Instructor: MD. ISMAIL HOSSEN

Student Name	Student Id
Mohammed Mofizur Rahman	19-40120-1
Dipon Basak	19-39463-1
Nafisa Anjum Khan	18-39267-3
Md Ferdous Alam Chowdhury	18-37652-1

Online Super Shop

Introduction:

Online Super Shop management system is a website that maintains different shop-related activities such as entry and selling of products, management of employee and their salaries, online order processing, storing all kind of records etc. It makes all sort of daily activities of a shop in a very reliable and automated way which boost the productivity of the shop.

Background Study:

There are many shop management websites available on the internet from where we studied some Bangladeshi websites. Such websites are 'Shwapno', 'Chaldal', 'BDShops', 'Meenaclick' etc. We found some common features listed below:

- Home Page
    - Login Button
    - Registration Button
    - Cart Button
    - Search Bar
    - Categories Panel
    - Image Slider
    - Feature Products Section
    - Header & Footer
- Product Page
    - Products details
    - Add to cart button
    - Buy now button
    - Add & sell product panel
- Admin Page
    - Manage user panel
    - Report panel
    - Manage features panel
- Manager Page
    - Manage customer & salesperson panel
    - Report panel
    - Manage salary panel
- Users Profile Management

We gathered mentioned information from the above listed websites and applied most of those features on our project.

Requirement Analysis:

1. User Category:
   There are 4-types of users and they are:
    - Admin
    - Manager
    - Customer
    - Deliveryman

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2. Feature List:

In this project, the "Admin" has the following features:

- Admin can add Manager, Deliveryman & Customer.
- Admin can verify Manager's & Deliveryman's profiles or can block or delete them.
- Admin can update and maintain shop website.
- Admin can view, delete and edit product information.
- Admin can manage all types of records such as sales and employees.
- Admin can maintain the database.
- Admin can manage salary record of all employees of the shop.

In this project, the "Manager" has the following features:

- Manager can only change own password.
- Manager can manage categories and product databases.
- Manager can response on customer's feedback and complains.
- Manager can give advice or recommend special offers to the customers.
- Manager can generate sales reports.
- Manager can charge Deliveryman.
- Manager can update product's information.

In this project, the "Customer" has the following features:

- Customer can register and log in to system.
- Customer can add products to carts and buy products.
- Customer can give and see the product ratings and feedback.
- Customer can report any problems to manager.
- Customer can pay online before product delivered or offline after product delivered.

In this project, the "Deliveryman" has the following features:

- Deliveryman can receive order confirmation notification.
- Deliveryman can check customer's address to deliver ordered products.
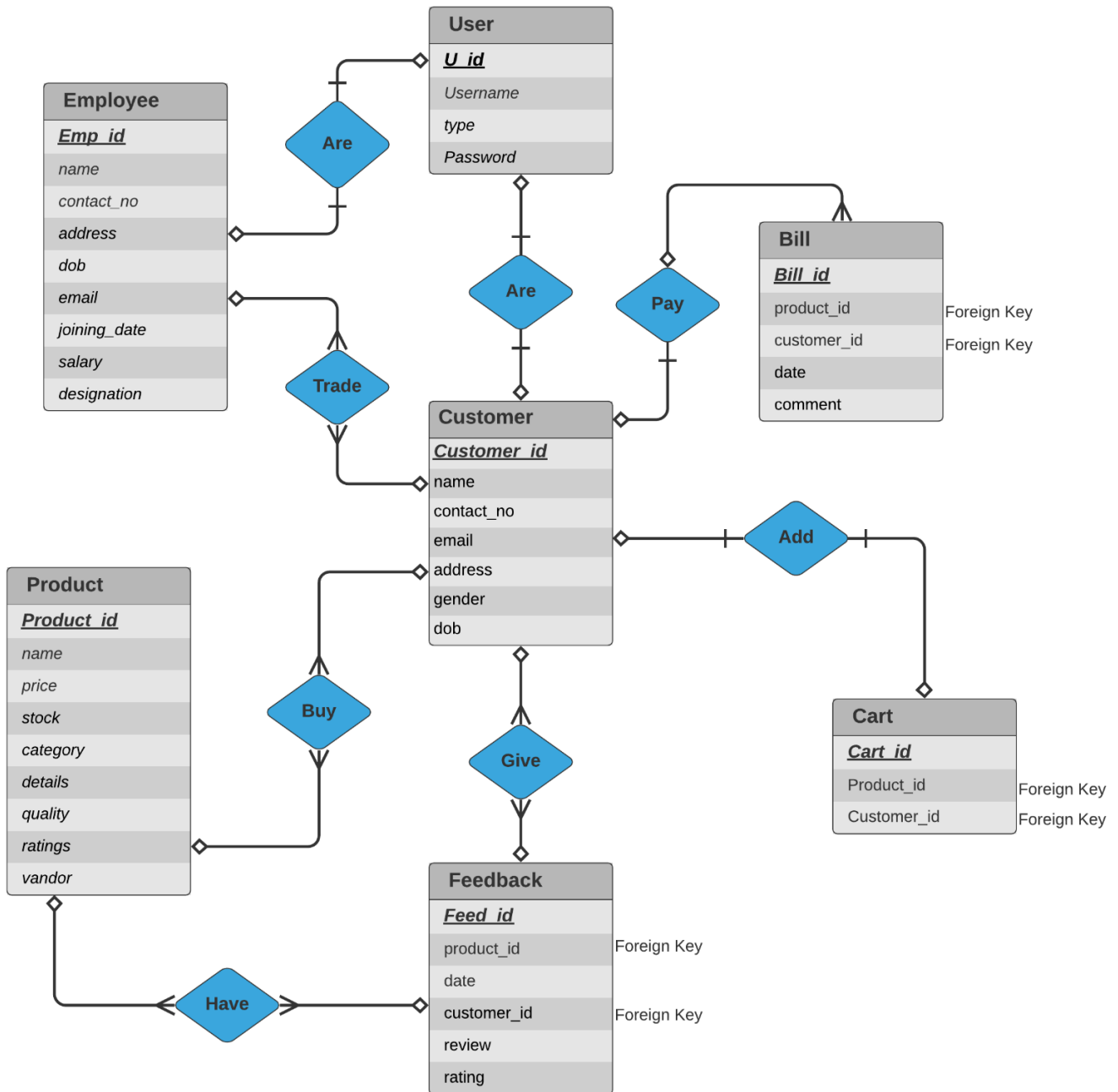- Deliveryman can manage own password.

Online Super Shop

Design:

Fig.01- Entity Diagram

Online Super Shop

ONLINE SUPER SHOP

VERIFY PASSWORD

DISPLAY LOGIN ERROR

LOG IN

VIEW ITEMS

SEARCH PRODUCT

PLACE ORDER (ADD TO CART)

PAYMENT

CARD

CASH

MOBILE BANKING

CONFIRM ORDER

GIVE FEEDBACK

ADD ITEMS

PROFILE SETUP

PRODUCT UPDATE

HELP CUSTOMER

RECEIVE CASH

DELIVERY CONFERMATION

REGESTER CUSTOMER

WEB CUSTOMER

NEW CUSTOMER

ADMIN

MANAGER

DELIVERY MAN

Fig.02- Use Case Diagram

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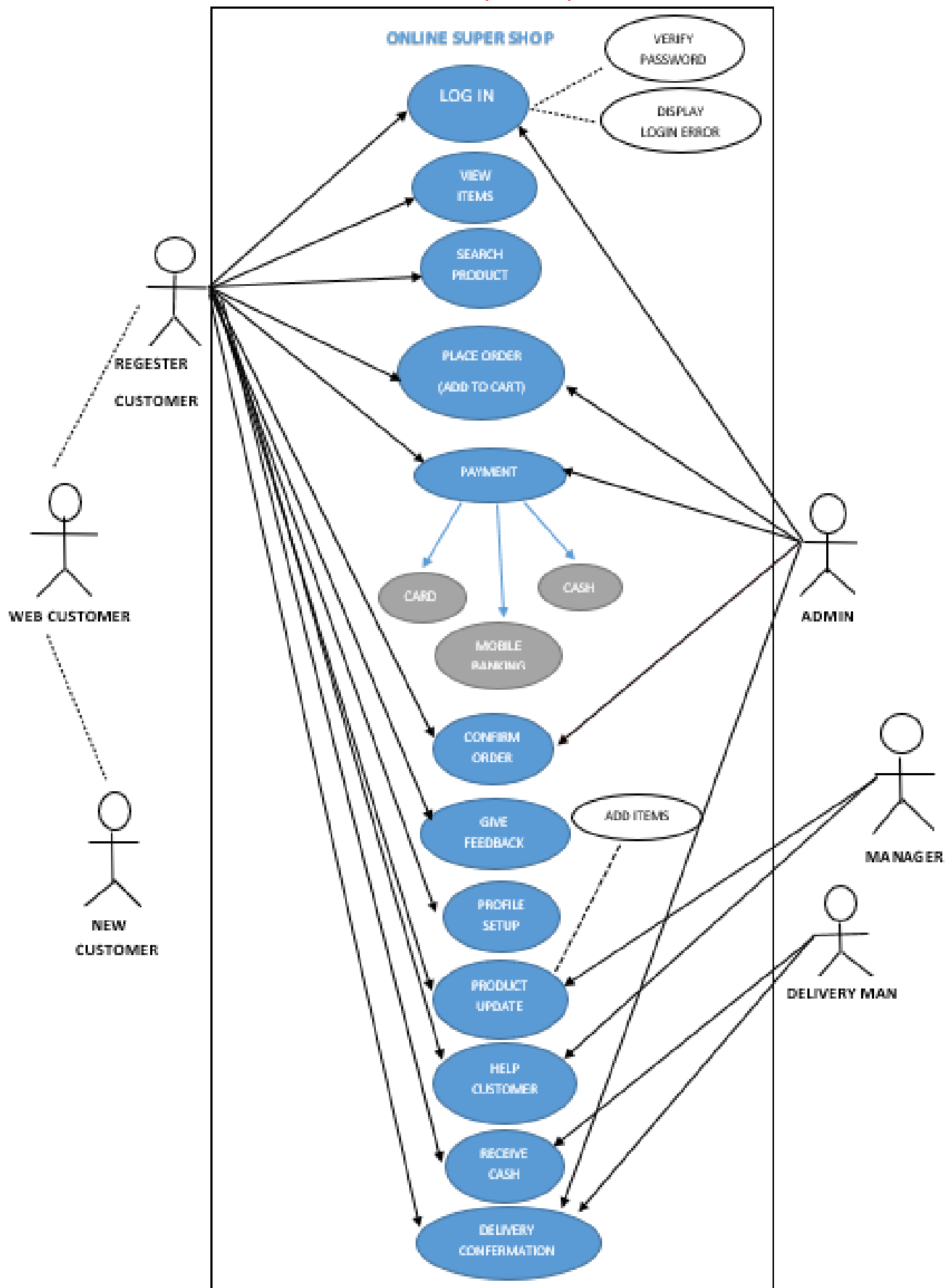## Tools Used:

To develop this project, we have used the following:
- Visual Studio Code
- Xampp [Apache, MySQL]
- Google Chrome

Languages & Technologies:
- HTML
- PHP
- CSS
- Java Script
- JSON
- MySQL
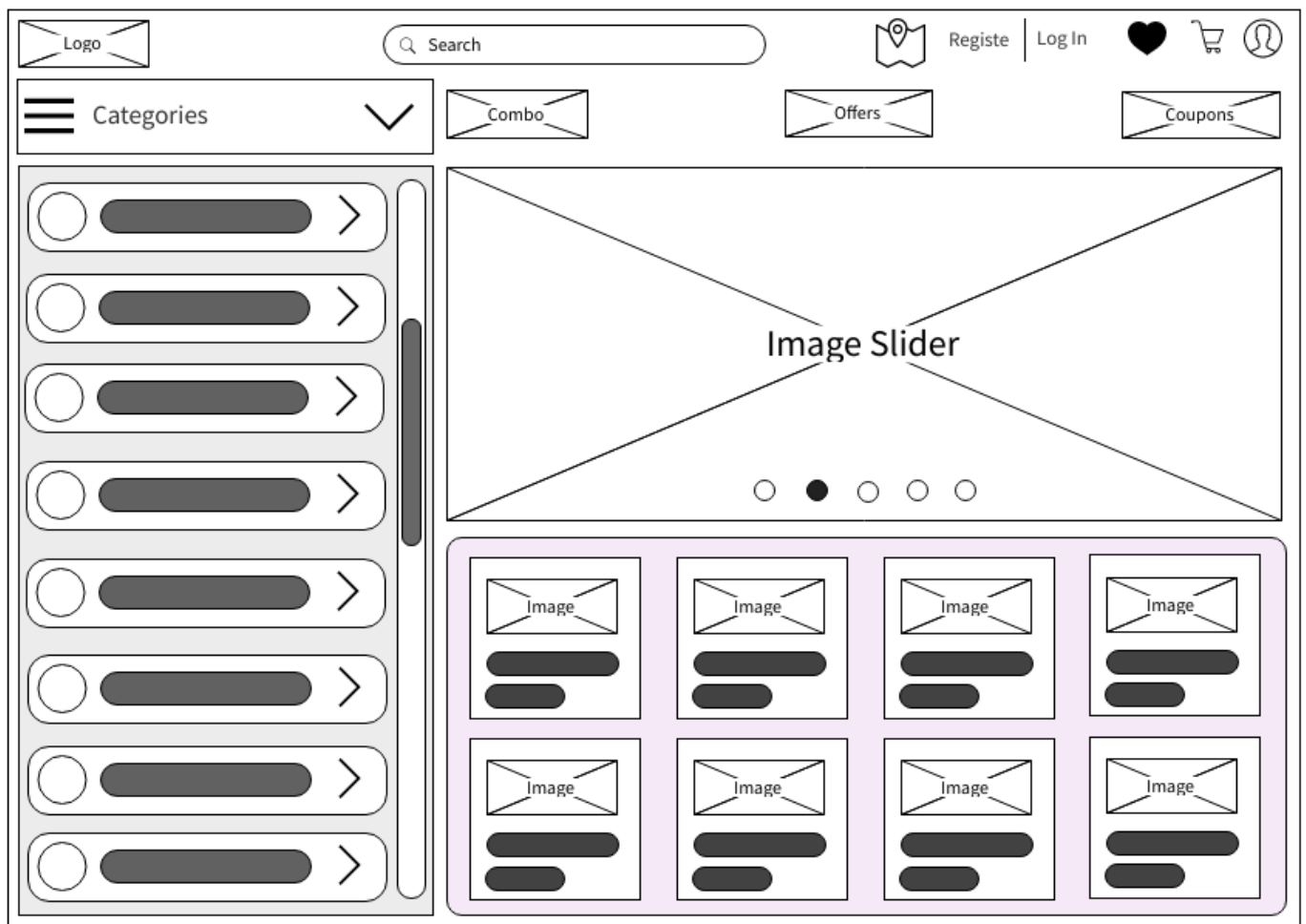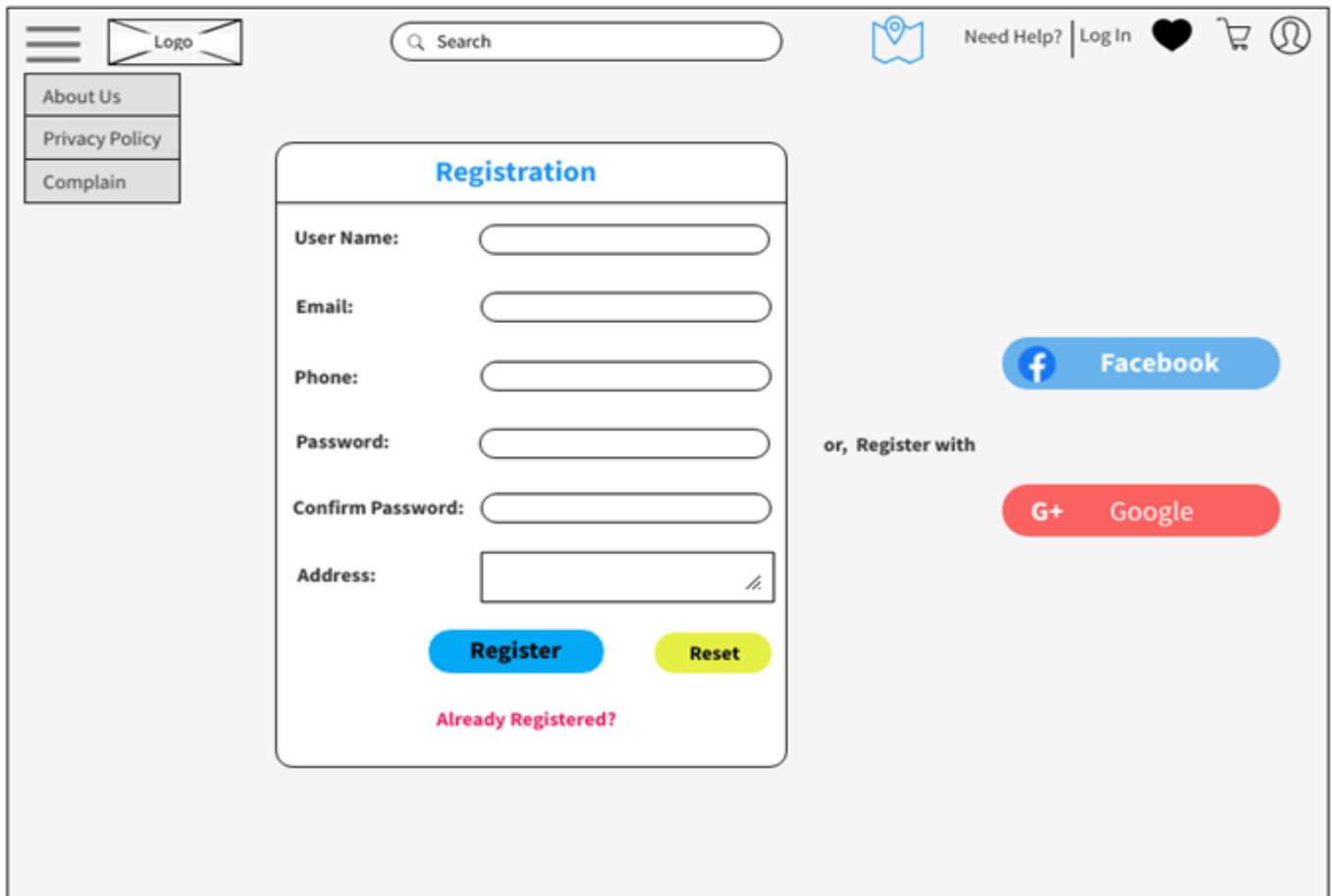
System Images against the Specification:

Fig.03- Home Page

Home Page contains the Company Logo at the top left corner, following Search Bar, Registration, Login, Loved Products, Cart and Profile Button. On the left side, there is a panel for category option. There is also Image Slider in the middle of the page below the search bar. At the bottom-right corner, there is a random product panel.

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Fig.04- Registration Page

It is the registration page for Web Customers. A New Customer can register here by giving required information in this Registration form and become a Registered Customer. It has also third-party registration option such as Facebook and Google.

Fig.05- Log in Page

This Log in page have two textboxes for user name and password. User can log in to the system by providing correct username and password which they used previously while registering as a new user. There is also two third party Log in options.
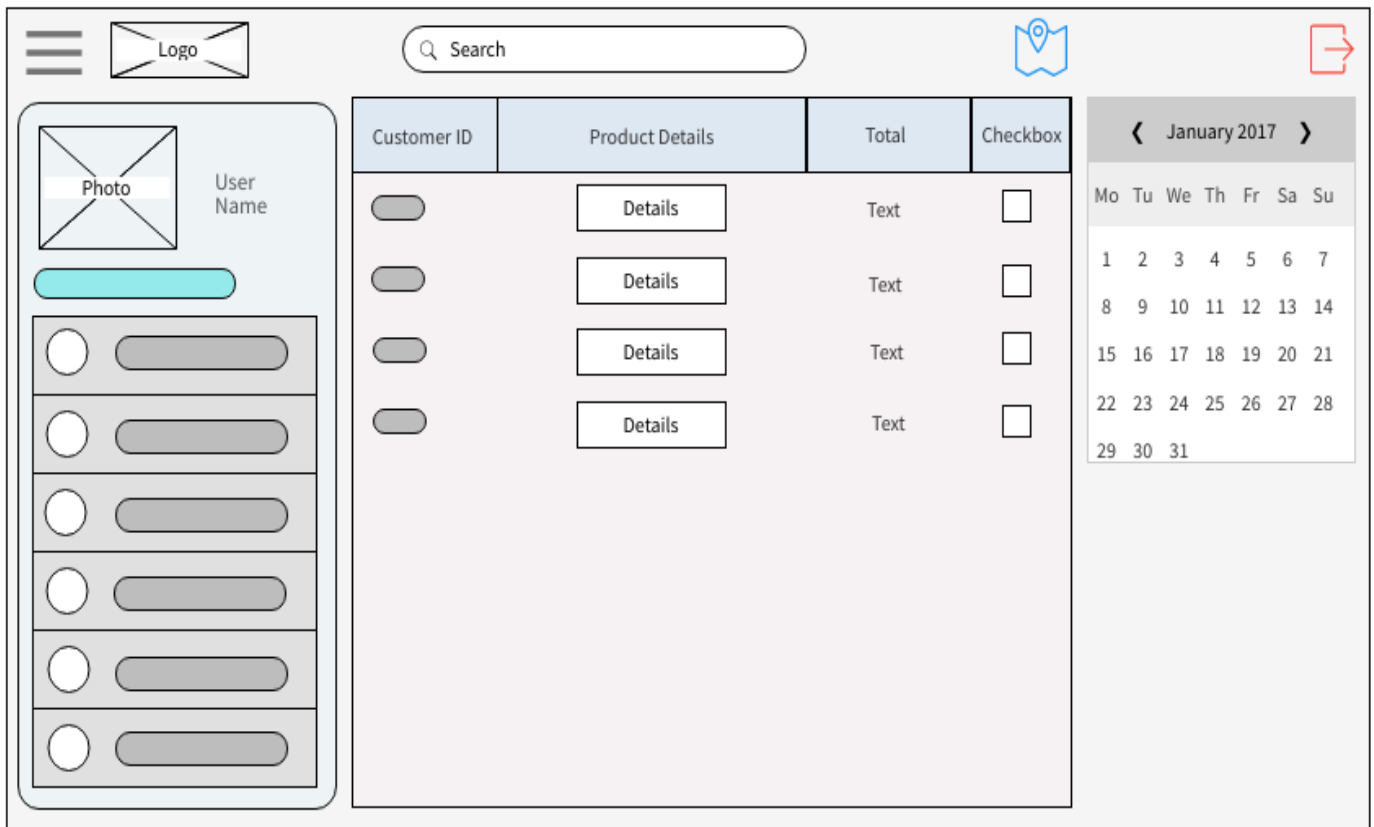
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Fig.06- Admin Page

This is admin logged in Page for the system and product management. At the left side there is a panel with admin profile info and some menu option. There is product input section by searching the product at the middle panel where all the products are shown. At the right side, there is a date chart.

Impact of this Project:

We are living in digitalization era where people are moving towards online as they are becoming more productive and do not have much time to spend on shopping whether they can order their daily needs anytime. This website makes it possible to shop staying at home or office using the internet. Online Super Shop website makes it easier to manage the sales and product records by using less time, manpower and money. This website is very convenient not only for the customers but also for the shop manager.

Limitations and Possible Future Improvements:

As this is an online-based application for managing a super shop, there is no scope of checking the quality of desired products before purchasing them. Customers can only see the product pictures and the specifications through this website. There are some more limitations in this website such as the website is not dynamic and there are no records for employee attendance count system, which can be added in future for better management. As it is a new website and is under development process, it might have some user experience problem which also can be improved in future by user's feedback.

CO1.1 and CO2.1 Evaluation: Project Report Evaluation					
Project Proposal (5)	Background Study (5)	Requirement Analysis (5)	Entity Diagram (5)	System Images against the Specification (5)	Total (25)

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