

Re-furnish

Online Upcycled Furniture Store

Submitted in partial fulfillment of the requirements of

PG Diploma in Advanced Computing

By

- | | |
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Guide



**Centre for Development of Advanced
Computing**

Pune

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CERTIFICATE

This is to certify that the project entitled
“Re-furnish Online Upcycled Furniture Store”

is a bonafide work of **Rohit Digraskar (PM) (210943120028)**, **Shrutika R. Joshi (210943120036)**, **Reshma N. Sapate (210943120085)**, **Shravan N. Deshpande (210943120094)** submitted to C-DAC Pune in partial fulfillment of the requirement for the award of the Post Graduate Diploma in Advanced Computing.

Mrs. Harshita Maheshwari

Guide

ABSTRACT

This Re-furnish - Online Upcycled Furniture Store project will basically be an easy-to-use web application that will allow customers to easily purchase, order, and send requirement over upcycled furniture. It is basically for providing a platform for registering users, categories, products, managing stocks of upcycled furniture. It is an end-to-end system from order-to –delivery-to –payment services. This project presents a theoretical framework for online upcycled furniture store, it discussed about ordering upcycled furniture from our store just like from vendors like Furlenco, etc. After Ordering, the details are processed, the requirements given by the customer are gathered and it sends to admin to vendor (Employee) and then after once the furniture is ready, delivery person is assigned for carrying out the delivery available in that region. The Order goes through various stages

“PLACED, IN-PROCESS, READY, OUT_FOR_DELIVERY, DELIVERED & CANCELED”.

This project discussed the tool and technology used in developing the proposed system (the system has a front end by REACT to display the content structure and a back end of database using MySQL and Spring Boot i.e., J2EE). Two online Upcycled furniture stores were compared to identify their similarities and differences. A number of development methodologies were discussed and why one of the methodologies was chosen for this project. Methods used to gather the requirement specification was also discussed and how the researcher will use this as a guideline in developing the proposed system.

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1. INTRODUCTION TO PROJECT

The web based “Refurnish- Online Upcycled Furniture Store” project is an attempt to stimulate the basic concepts of Upcycled Furniture Store. The system enablesthe customer to do the things such as search for already existing upcycled Furniture Products, category wise, choose products based on description and add that product into cart.

The system provides you details about product. If user want to buy product, he must have registered account.

The system shows the product that are available or that are in stock, the system displays price, quantity, availability of product to user as well as employees of store

Here we provided products by category wise that allows customer to choose a particular product easily. The product which are not in stock, user cannot add that products into cart. If the products are available then the system allows the user to add product into cart.

To place order system, ask user to select the address and payment mode. If address is not provided the user can't place order, User have to specify the address before placing order. After selecting address and payment mode user can place order and the same updates will be done in database.

The system has admin who can add new employees or can remove employees, also admin can add or can remove products. Also, he can see the availability of products. Admin can change other employees Role to "Moderator" or "Admin."

The System have employee also who can perform tasks like add or remove products. Also, employee can add delivery person. Employee can edit product details.

2. PROJECT OVERVIEW AND SUMMARY

PURPOSE

The purpose of this project is to provide Upcycled Furniture products more effectively than the existing system. There are some disadvantages of the existing Re-furnish Online Upcycled Store. These disadvantages are overcome by the Refurnish - Online Upcycled furniture store. And it can be made handily available to every person. Previously people have to go to offline upcycled furniture store and purchase the products and bring that product to home is very tough task due to size of products. Thus, online upcycled furniture store is proposed to assist people and fulfill their requirements easily. This project enables the user to keep track of all the activities of a purchase order. It is a web-based application which helps the user to check products available in the store, check for order details, delivery etc. It maintains order history and order time. It also manages the status of the orders. It has secured access to admin. The admin shall be able to keep track of different users like employee, Delivery person, user and also able to track category and products etc. It is a smart web UI which could assist the online upcycled furniture store to keep track of all the events in the store

TECHNOLOGIES USED

React JS :: for Frontend

Spring Boot :: for Backend

MySQL :: for Database

REQUIREMENTS

FUNCTIONAL REQUIREMENTS

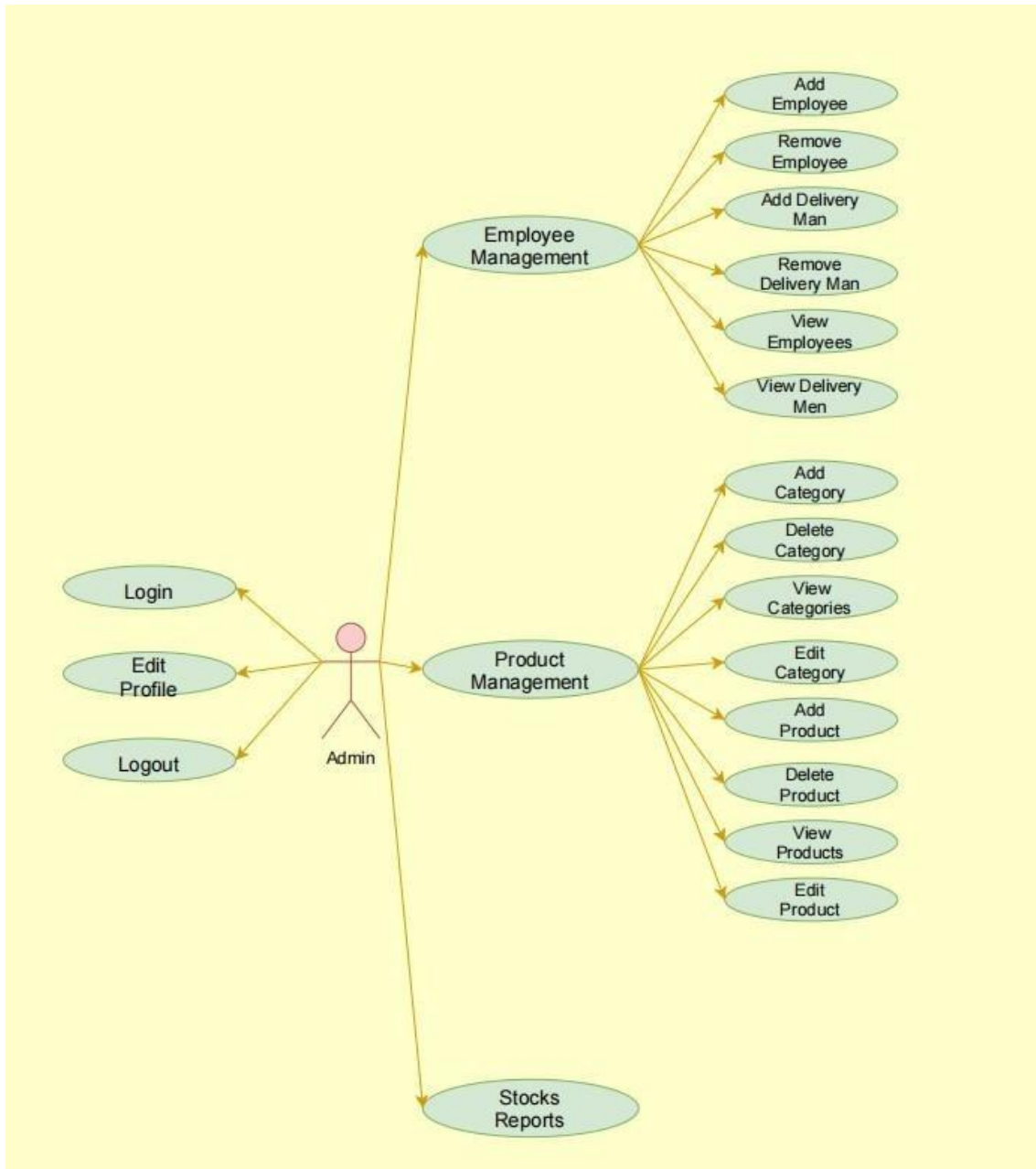
The major functionality of this product is divided into three categories.

- Administrative Functions.
- Employee Functions.
- Customer Functions.

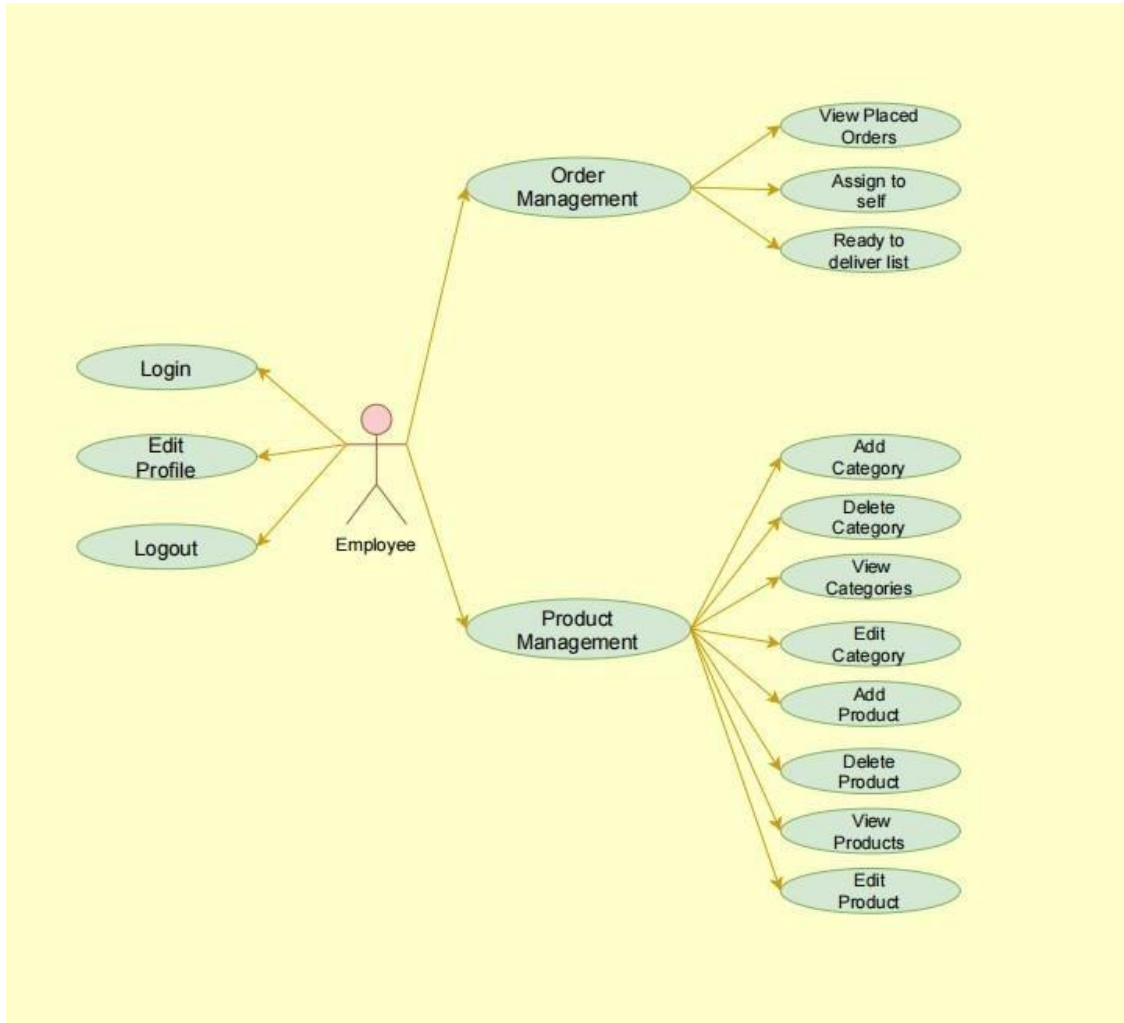
In this application each and every user must have their own Email ID and Password, using these Email ID and Password only they can directly enter into their corresponding Login forms.

System analysis will be performed to determine if it is feasible to design information based on policies and plans of the organization and on user requirements and to eliminate the weaknesses of the present system.

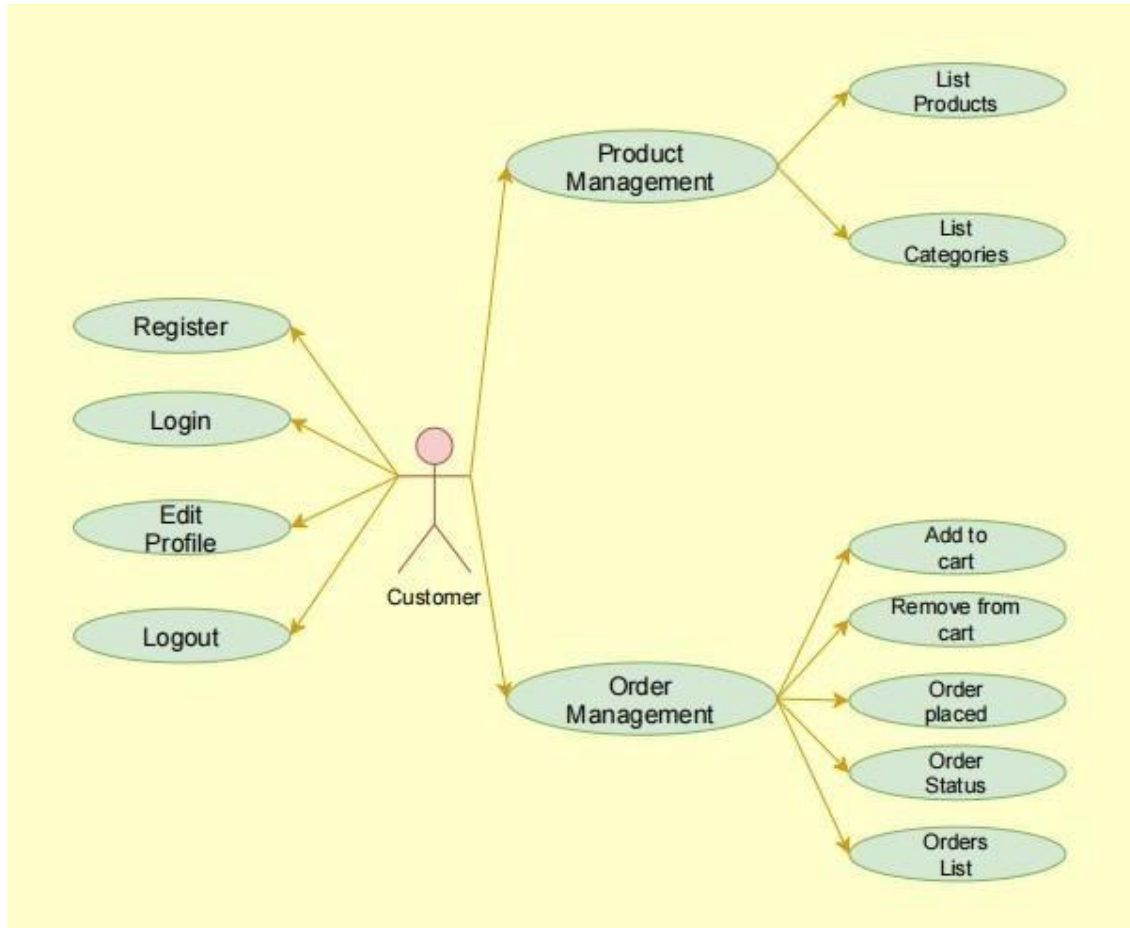
Administrative Function



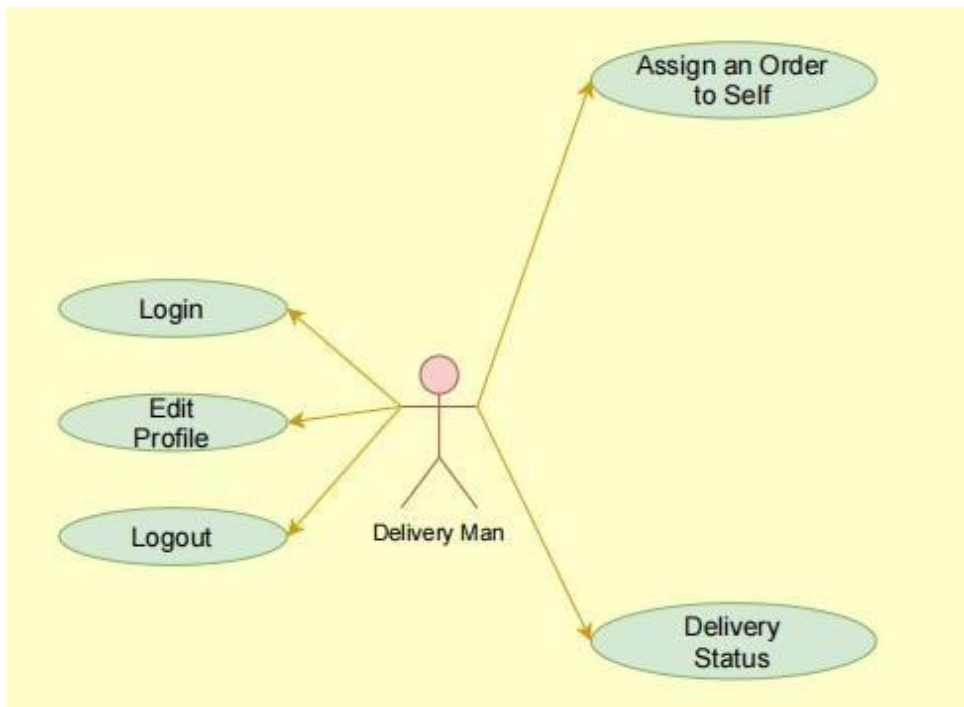
Employee Function



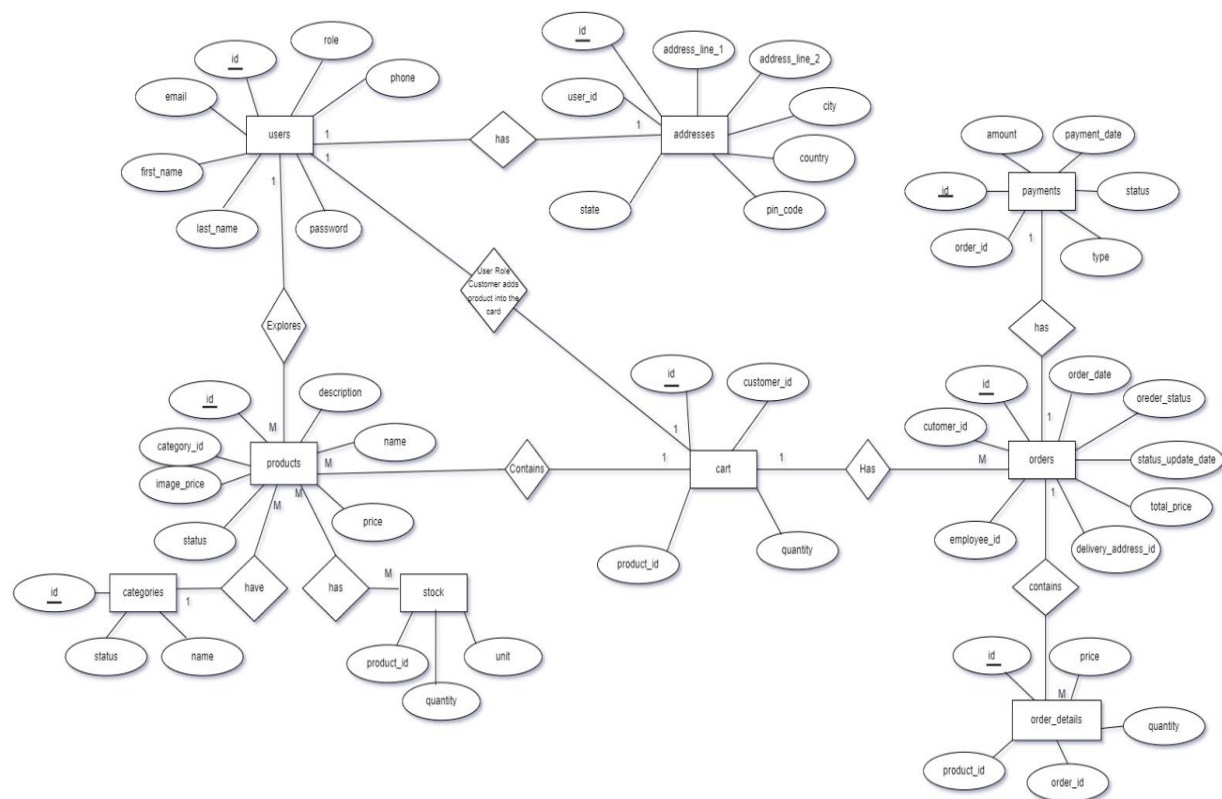
Customer Function



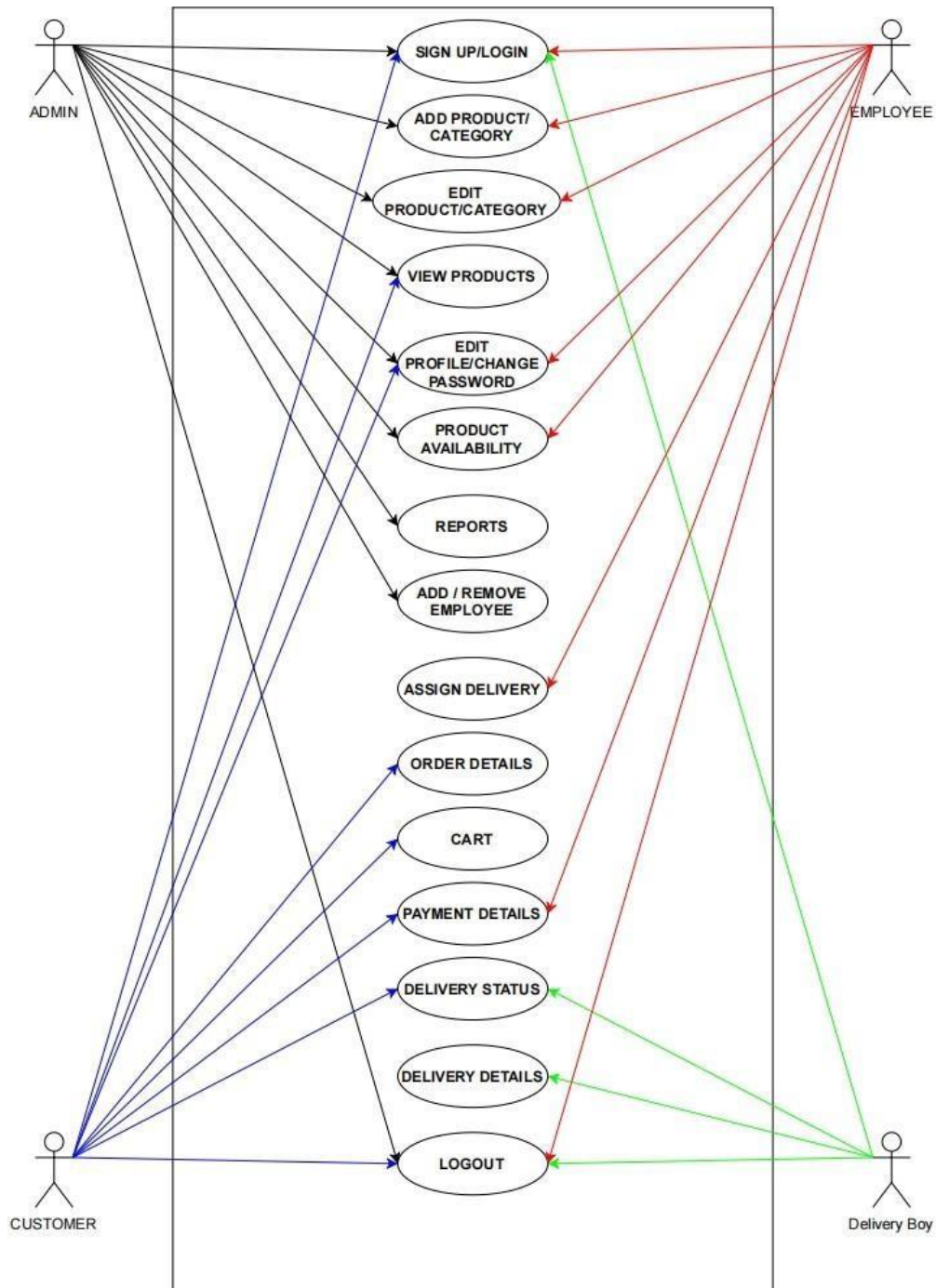
Delivery Function



ER-DIAGRAM



USE-CASE



DATABASE DESIGN

USER

Field	Type	Null	Key	Default	Extra
id	int	No	PRI	NULL	auto_increment
email	varchar(30)	Yes	UNI	NULL	
First_name	varchar(30)	Yes		NULL	
Last_name	varchar(30)	Yes		NULL	
password	varchar(30)	No		NULL	
phone	varchar(15)	Yes		NULL	
role	varchar(255)	Yes		Null	

Addresses

Field	Type	Null	Key	Default	Extra
id	int	No	PRI	NULL	auto_increment
address_line_1	varchar(30)	Yes	UNI	NULL	
address_line_2	varchar(30)	Yes		NULL	
city	varchar(30)	Yes		NULL	
country	varchar(30)	No		NULL	
Pin_code	varchar(15)	Yes		NULL	
state	varchar(255)	Yes		Null	
User_id	int	No	MUL	NULL	

CART

Field	Type	NULL	Key	Default	Extra
id	int	NO	PRI	NULL	auto_increment
quantity	int	NO		NULL	
customer_id	int	YES	MUL	NULL	
Product_id	int	YES	MUL	NULL	

Categories

Field	Type	NULL	Key	Default	Extra
id	int	NO	PRI	NULL	auto_increment
name	varchar(30)	YES		NULL	
status	Varchar(30)	YES		NULL	

Products

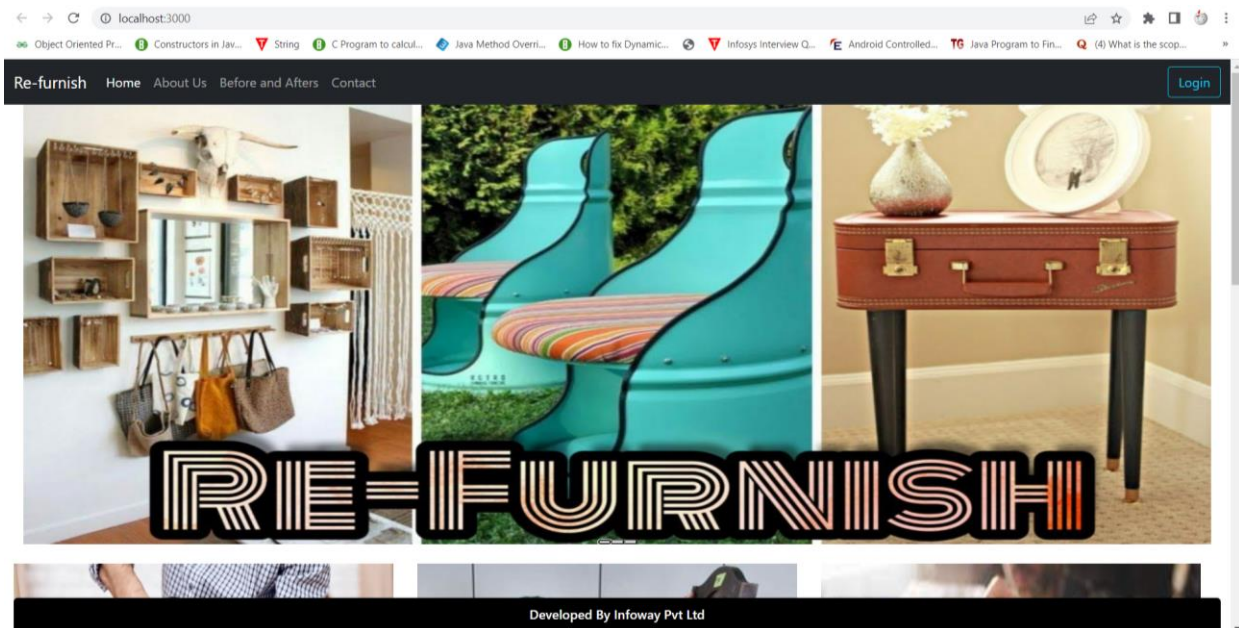
Field	Type	Null	Key	Default	Extra
id	int	No	PRI	NULL	auto_increment
description	varchar(100)	Yes	UNI	NULL	
name	varchar(30)	Yes		NULL	
price	double	Yes		NULL	
status	varchar(30)	No		NULL	
category_id	int	Yes		NULL	

Stocks

Field	Type	Null	Key	Default	Extra
Product_id	int	No	PRI	NULL	
quantity	int	No		NULL	
unit	varchar(10)	Yes		NULL	

PROJECT SCREENSHOTS

USER HOME SCREEN




About-Us

localhost:3000/about

Object Oriented Pr... Constructors in Jav... String C Program to calcul... Java Method Overl... How to fix Dynamic... Infosys Interview Q... Android Controlled... Java Program to Fin... (4) What is the scop...

Re-furnish Home About Us Before and Afters Contact Login

About Us




Our Passion

Re-furnish is an upcycling furniture and reinvented objects studio. Our passion lies in reinventing vintage furniture, recycled wood and metal, natural dyed textile and discarded items into hand-made functional and artistic products. We believe that old furniture is an exceptional resource, both of inspiration and of high quality material.

We Love to Preserve

We set out to save old and unnecessary furniture in order to bring new life to it and to prove that reuse unites beauty and functionality. We retain anything that may become of use – armrests, legs, frames, boards of old wardrobes, handles, carpets – and the transformation comes



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Contact-Us

localhost:3000/contact

Object Oriented Pr... Constructors in Jav... String C Program to calcul... Java Method Overl... How to fix Dynamic... Infosys Interview Q... Android Controlled... Java Program to Fin... (4) What is the scop...

Re-furnish Home About Us Before and Afters Contact Login

Contact Us

Reach out to us here

Peter Johns Store Manager peter.johns@gmail.com	740 S, Orange street South Hampshire North Carolina - 121277 L.A. U.S.A	Contact +1 985511471 1008520010 1800-9090-5544
Jack Johns Store Manager jack.johns@gmail.com	741 S, Olive street South Hampshire North Carolina - 121277 L.A. U.S.A	Contact +1 775511471 1008520010 1800-9090-5544
Mike Ross Store Manager mike.ross@grocers.com	742 S, FS street South Hampshire North Carolina - 121277 L.A. U.S.A	Contact +1 885511471 1008520010 1800-9090-5544

Let us get back to you

Name

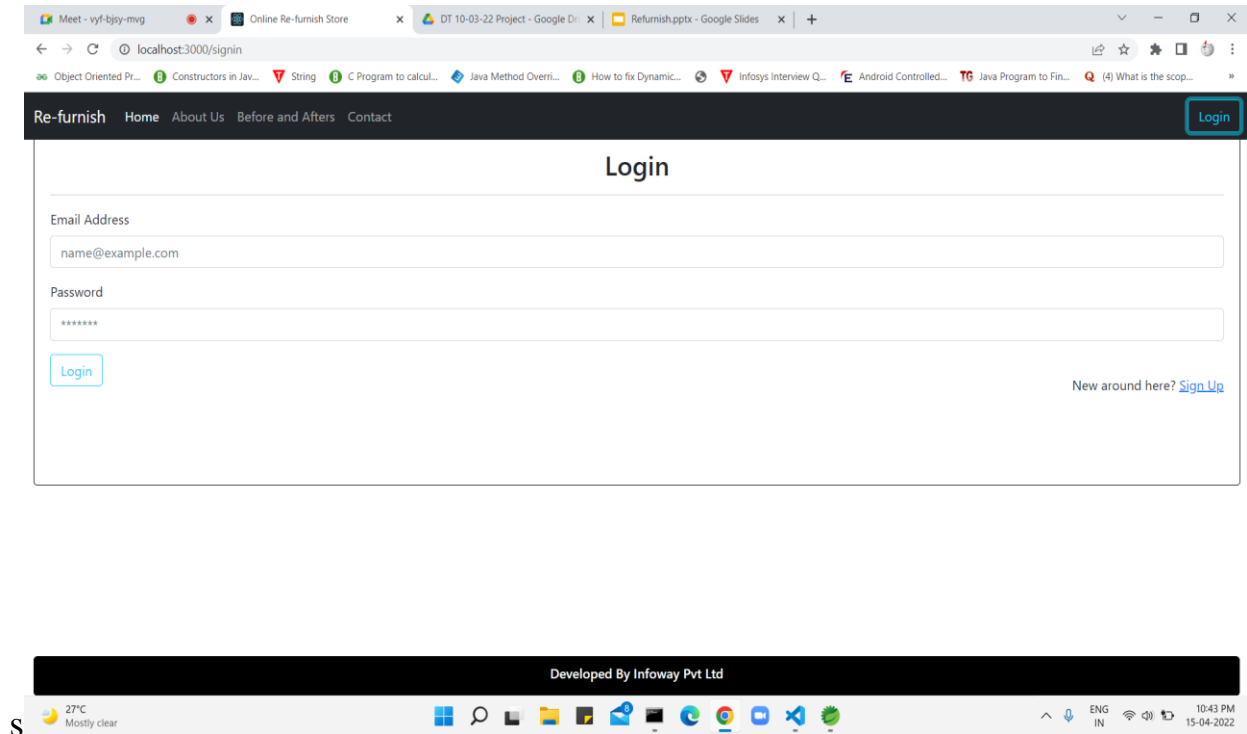
Email

Contact

What would you like to know?

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LOG-IN



The screenshot shows a web browser window with the URL `localhost:3000/signin`. The page has a dark header with the site name "Re-furnish" and navigation links: Home, About Us, Before and Afters, and Contact. A "Login" button is in the top right. The main content area is titled "Login" and contains two input fields: "Email Address" (with the placeholder "name@example.com") and "Password" (with masked characters "*****"). A "Login" button is below the password field. A link "New around here? Sign Up" is on the right. The footer is dark with the text "Developed By Infoway Pvt Ltd". The browser's taskbar at the bottom shows the system clock as 10:43 PM on 15-04-2022.

Re-furnish Home About Us Before and Afters Contact Login

Login

Email Address
name@example.com

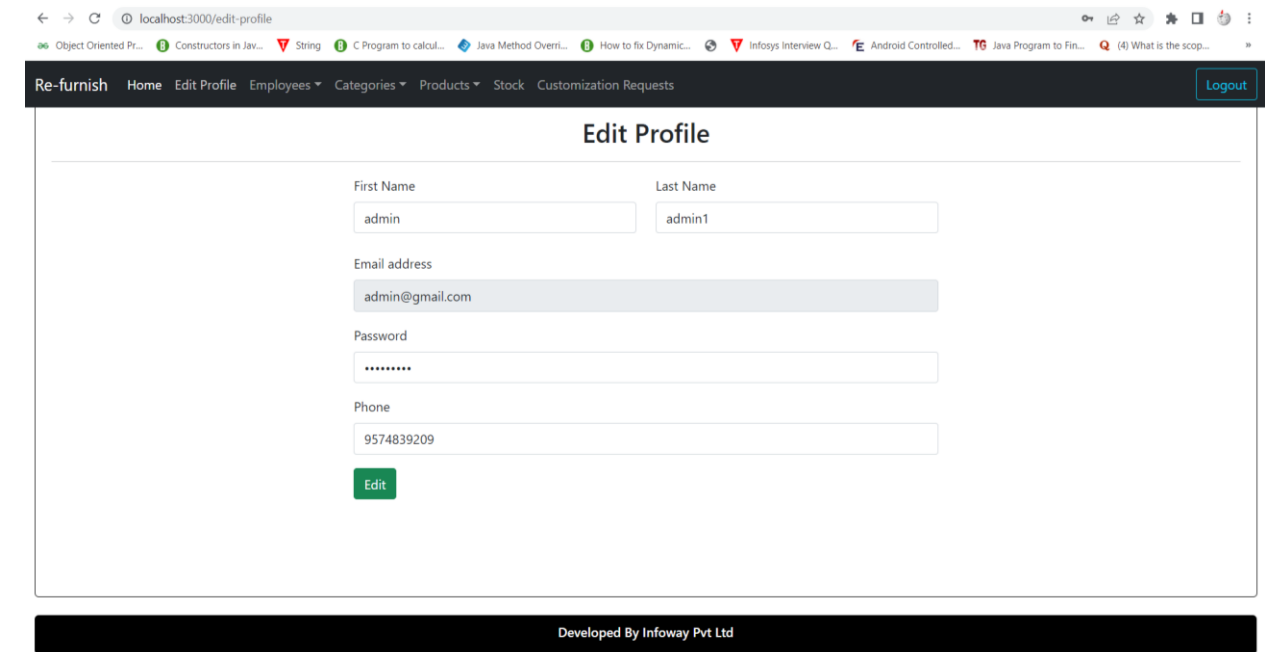
Password

Login

New around here? [Sign Up](#)

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ADMIN-EDIT-PROFILE



The screenshot shows a web browser window with the URL `localhost:3000/edit-profile`. The page has a dark header with the site name "Re-furnish" and navigation links: Home, Edit Profile, Employees, Categories, Products, Stock, and Customization Requests. A "Logout" button is in the top right. The main content area is titled "Edit Profile" and contains several input fields: "First Name" (with the value "admin"), "Last Name" (with the value "admin1"), "Email address" (with the value "admin@gmail.com"), "Password" (with masked characters "*****"), and "Phone" (with the value "9574839209"). A green "Edit" button is at the bottom. The footer is dark with the text "Developed By Infoway Pvt Ltd". The browser's taskbar at the bottom shows the system clock as 10:43 PM on 15-04-2022.

Re-furnish Home Edit Profile Employees Categories Products Stock Customization Requests Logout

Edit Profile

First Name
admin

Last Name
admin1

Email address
admin@gmail.com

Password

Phone
9574839209

Edit

Developed By Infoway Pvt Ltd


ADD-PRODUCT

localhost:3000/add-product

Object Oriented Pr... Constructors in Jav... String C Program to calcul... Java Method Overri... How to fix Dynamic... Infosys Interview Q... Android Controlled... Java Program to Fin... (4) What is the scop...

Re-furnish Home Edit Profile Employees Categories Products Stock Customization Requests Logout

Add Product



Add or Change Image

Choose File No file chosen

Product Name

Product Name

Product Description

Add Description of Product

Category: Select Category New Category Price:

Quantity: Unit:

Add Product Cancel

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STOCK-REPORT

localhost:3000/stock

Object Oriented Pr... Constructors in Jav... String C Program to calcul... Java Method Overri... How to fix Dynamic... Infosys Interview Q... Android Controlled... Java Program to Fin... (4) What is the scop...

Re-furnish Home Edit Profile Employees Categories Products Stock Customization Requests Logout

Stock Report

Category : Select category

Product ID	Product Name	Product Stock
1	Table-1	19
2	Table-2	19
3	Table-3	20
6	Table-4	15
7	Table-5	15

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ADD-REMOVE CATEGORIES

localhost:3000/categories

Re-furnish Home Edit Profile Employees Categories Products Stock Customization Requests Logout

Categories

1	Table	ACTIVE	Save	Remove
2	Chair	ACTIVE	Save	Remove
3	Sofa	ACTIVE	Save	Remove
4	Bed	ACTIVE	Save	Remove

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EDIT-PRODUCTS

localhost:3000/products

Re-furnish Home Edit Profile Employees Categories Products Stock Customization Requests Logout

Products

Category : Table

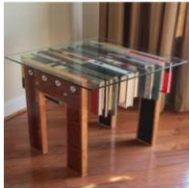


Table-1
1100 ₹ /

19 Edit Delete




Table-2
1200 ₹ /

19 Edit Delete




Table-3
1400 ₹ /

20 Edit Delete


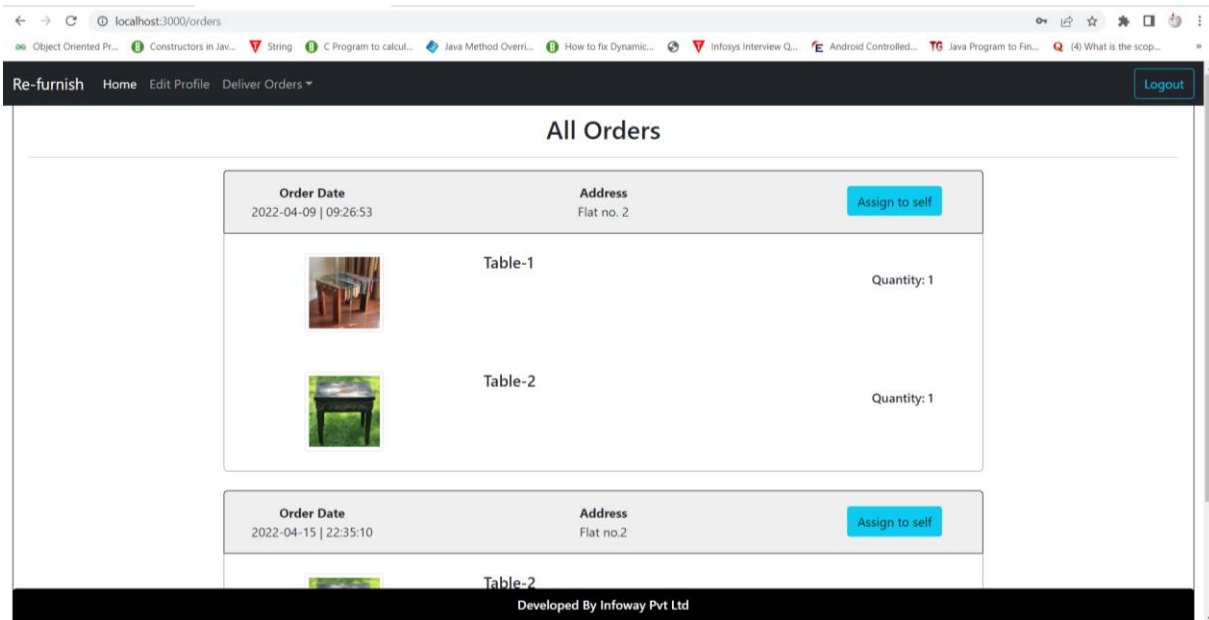


Table-4
2000 ₹ /

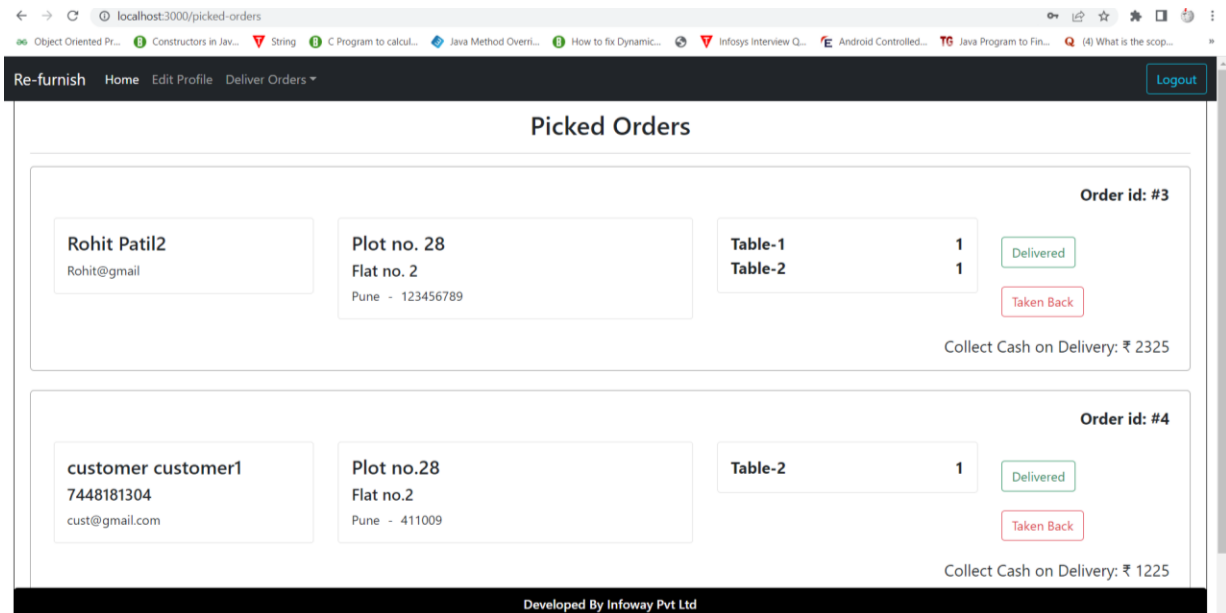
15 Edit Delete

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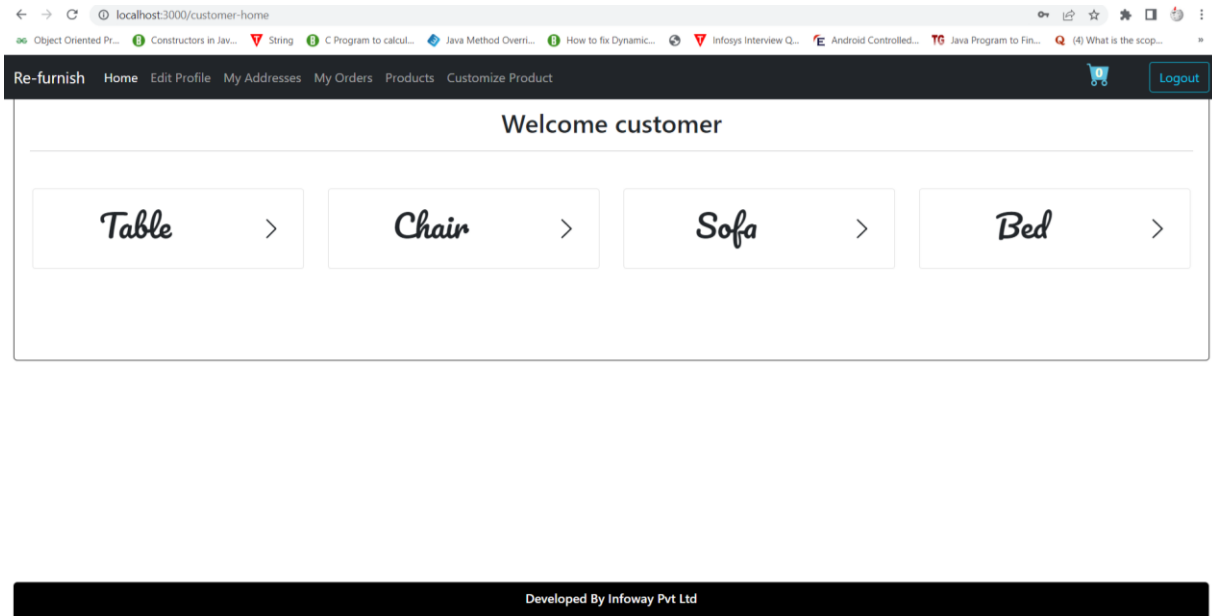
DELIVERY-PERSON



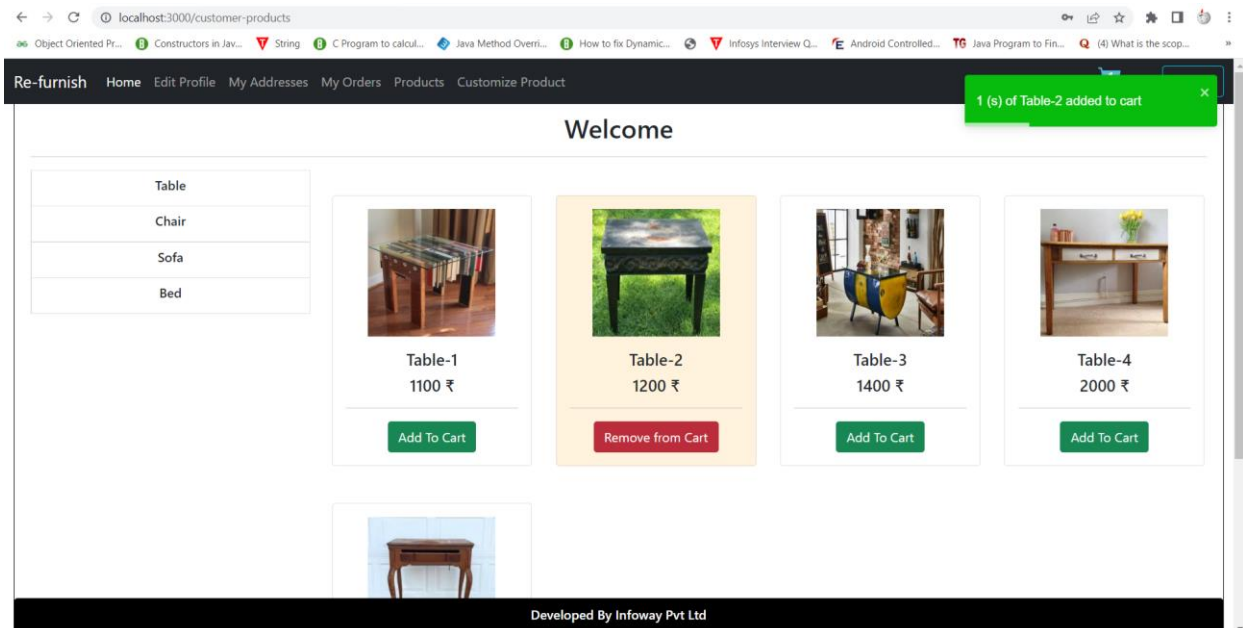
PICKED-ORDERS



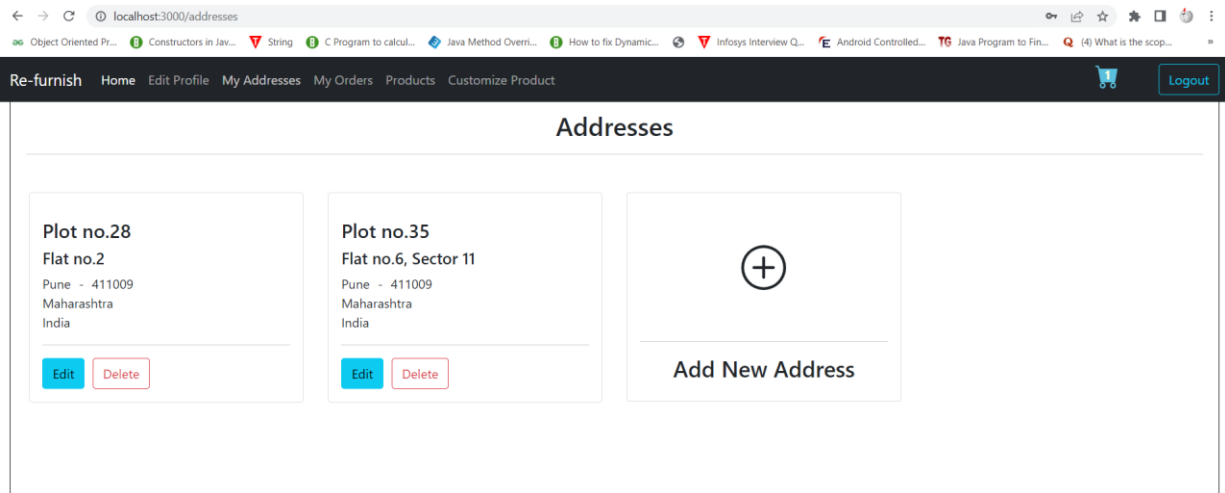
CUSTOMER



ADD-TO-CART

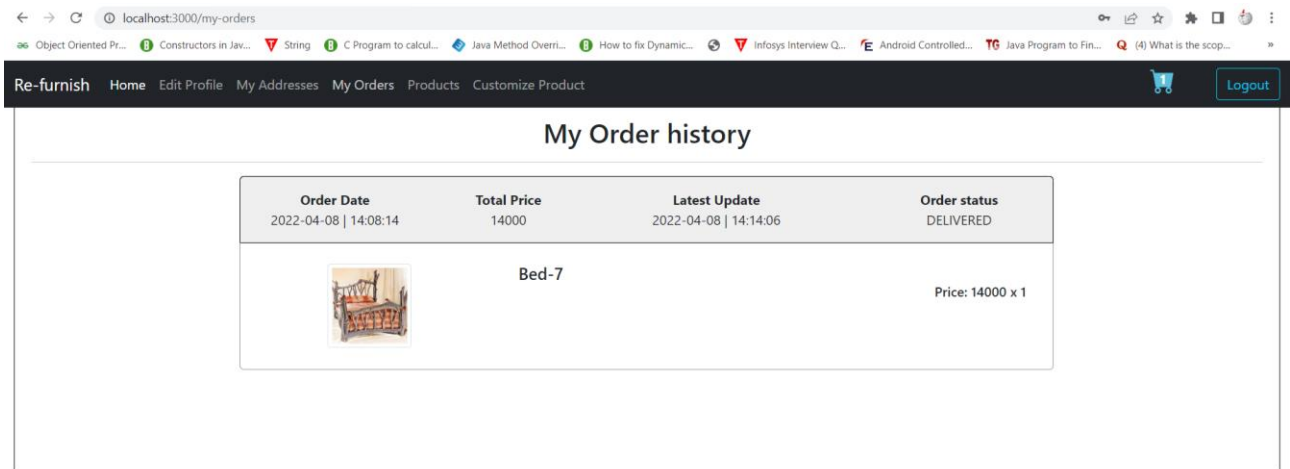


ADDRESS



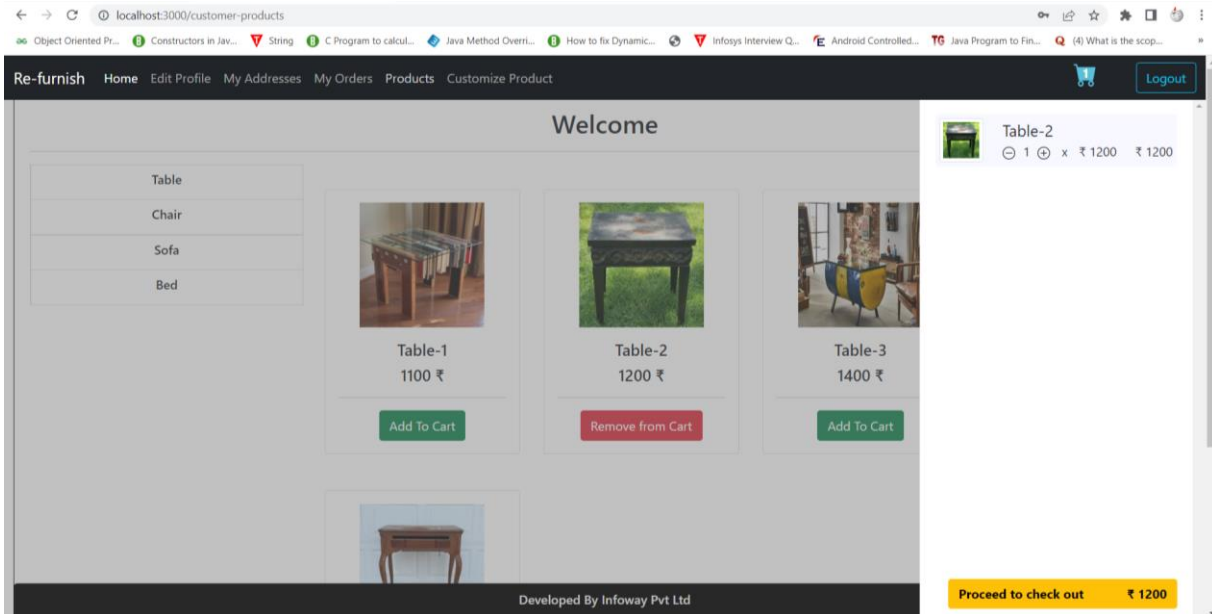
Developed By Infoway Pvt Ltd

ORDER-HISTORY

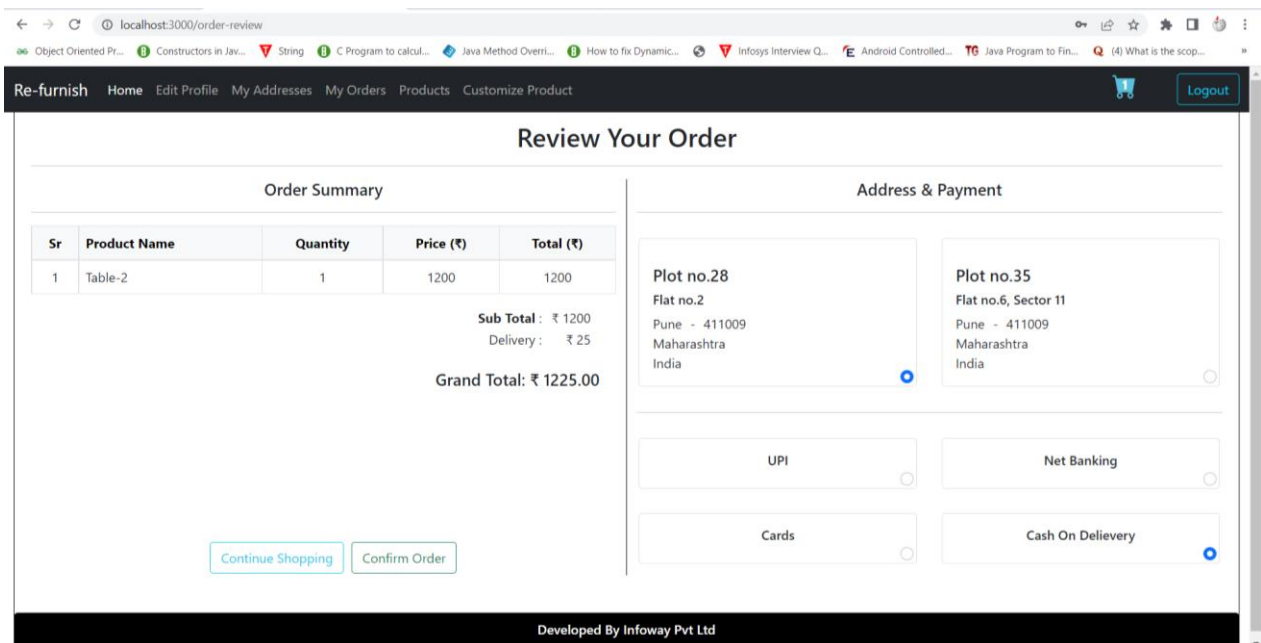


Developed By Infoway Pvt Ltd

CART



REVIEW-ORDER



CONCLUSION

By making Re-furnish - Online Upcycled Store we have solved the problem from furniture store and customer end and more convenience is added to the existing system.

In future scope this system will be available with large scale database and can accommodate many customers and stores.

This system can also be developed on mobile application so that it can be access remotely.