Online Jewellery Shopping

PIECES THAT
TELL A STORY

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Introduction

- Online jewellery shopping project is an e-commerce platform that allows users to browse and purchase a wide range of jewellery products conveniently from their own devices. This project aims to provide customers with a seamless and secure shopping experience while offering a vast selection of high-quality jewellery products.

- The platform provides a user-friendly interface that allows customers to easily navigate through various categories and products. The website offers a variety of jewellery products ranging from gold, silver, diamonds, precious stones, and more. The platform also provides customers with detailed information about each product, including its description, price, and images, to help them make informed purchasing decisions.

Technology Used

► The project is a web application that uses Spring Boot as the backend framework, MySQL as the database system, and React as the frontend framework

► Spring Boot :

  The backend of the application is developed using Spring Boot, which provides a simple and efficient framework to build robust and scalable web applications. Spring Boot enables developers to easily integrate with various technologies and frameworks and helps in building RESTful web services that can be consumed by the frontend.

Technology Used

▶ MySQL :

MySQL is used as the database system to store and manage data related to the application. MySQL is a popular open-source database system that is widely used for web applications due to its ease of use, scalability, and reliability.

▶ React:

React is used as the frontend framework, which is a popular JavaScript library for building user interfaces. React provides developers with a flexible and efficient way to build complex and interactive user interfaces.

Application Functions

▶ **User Authentication and Authorization:** The application should have a user authentication and authorization system to allow only authorized users to access and manage data.

▶ **User Registration and Login :** Users can register and create their account to browse and purchase products. They can also login to access their account, view their order history, and manage their personal information.

▶ **Product Catalog :** The website can display a wide range of jewellery products, including images, descriptions, and pricing. Users can search for products based on their preferences and filter the results by price, material, type, etc

Application Functions

▶ **Product Management :** The application should allow authorized users to manage products, including creating, updating, and deleting products, as well as uploading product images and descriptions.

▶ **Shopping Cart :** Users can add products to their shopping cart while browsing and can view the total cost of their purchases. They can also modify or remove products from their cart before completing the checkout process.

▶ **Checkout :** The application should provide a checkout process that guides users through the payment and delivery process.

Application Functions

- **Staff Management :** The application should allow authorized users to manage staff, including adding, updating, and deleting staffs.

- **Stock View :** the application allow authorized users to view stock availability as per category and subcategory.

Functionality of online jewellery shopping

```
User Management
      |
      |
      v
Product Management <-----+---> Order Management
      |
      |
      v
 Category
Management
      |
      |
      v
Wishlist Management
      |
      |
      v
Staff Management
```
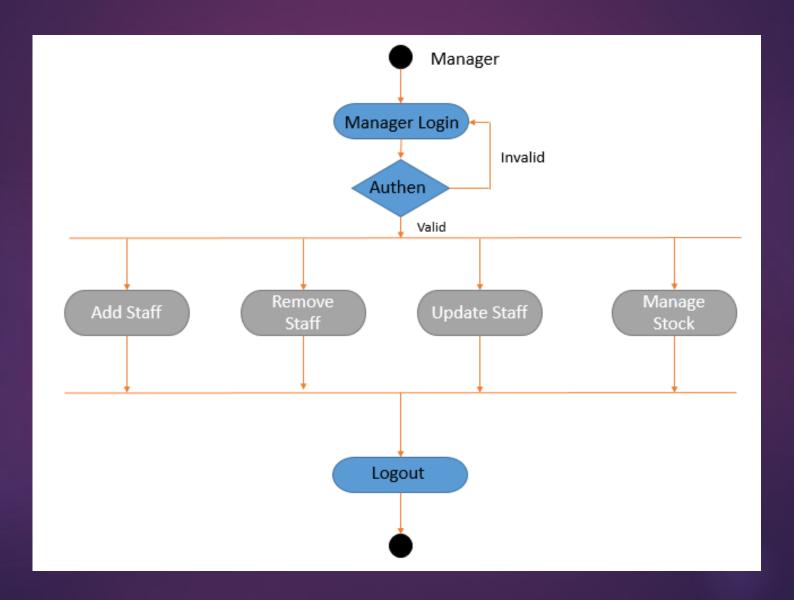
Use case diagram

Manager

- In an online jewellery shopping system, the Manager plays a critical role in managing the overall operations of the business. The Manager has several responsibilities, including:

- **Adding and managing staff:** The Manager is responsible for hiring new staff members and assigning roles and responsibilities. They also manage the performance of the staff and ensure that they are meeting their targets.

- **Managing inventory:** The Manager is responsible for ensuring that the inventory is up-to-date and that there are enough products available to meet customer demand. They also monitor sales trends and adjust inventory levels accordingly

Activity Diagram for manger

Staff

- ▶ Product Management:

    This module manages the product catalogue, including product images, descriptions, and pricing. It allows users to search for products based on their preferences and filter the results by price, material, type, etc.

Activity Diagram for Staff

Customer

- **Visit Product :** Customer can visit all category , subcategory according to there interest

- **Add To Shopping Cart :** Users can add products to their shopping cart while browsing and can view the total cost of their purchases. They can also modify or remove products from their cart before completing the checkout process.

- **Checkout :** The application should provide a checkout process that guides users through the payment and delivery process.

Activity Diagram for Customer

Customer visit home page

Customer search product as per category eg.silver

Inside silver he click on rings

Customer want to add a product in cart
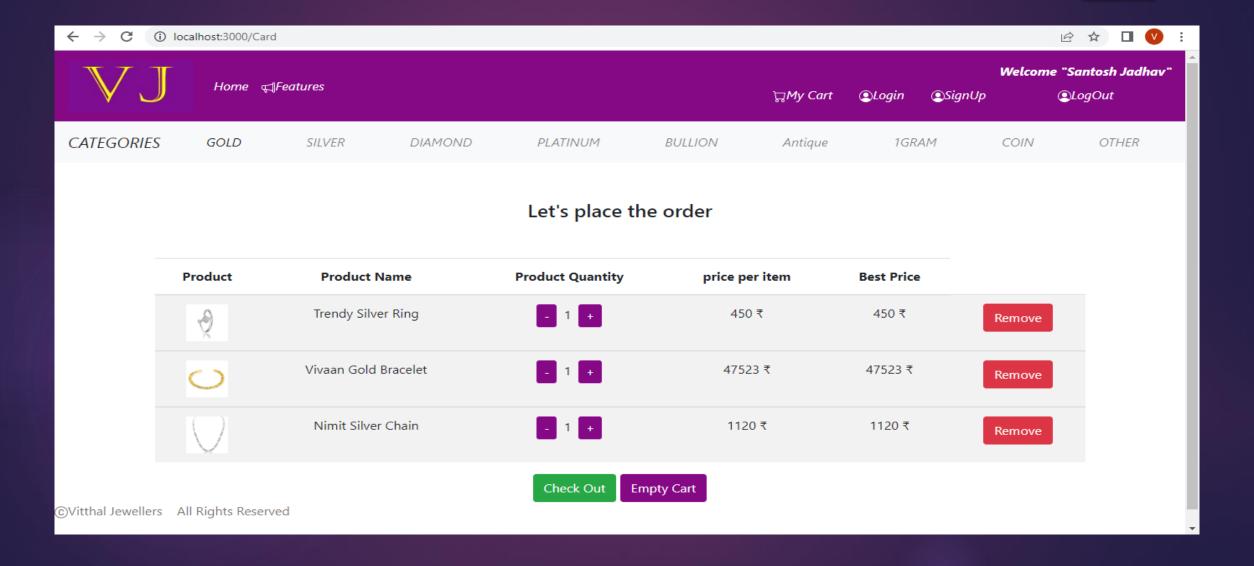he required to login first or if customer is new he required to signup first.

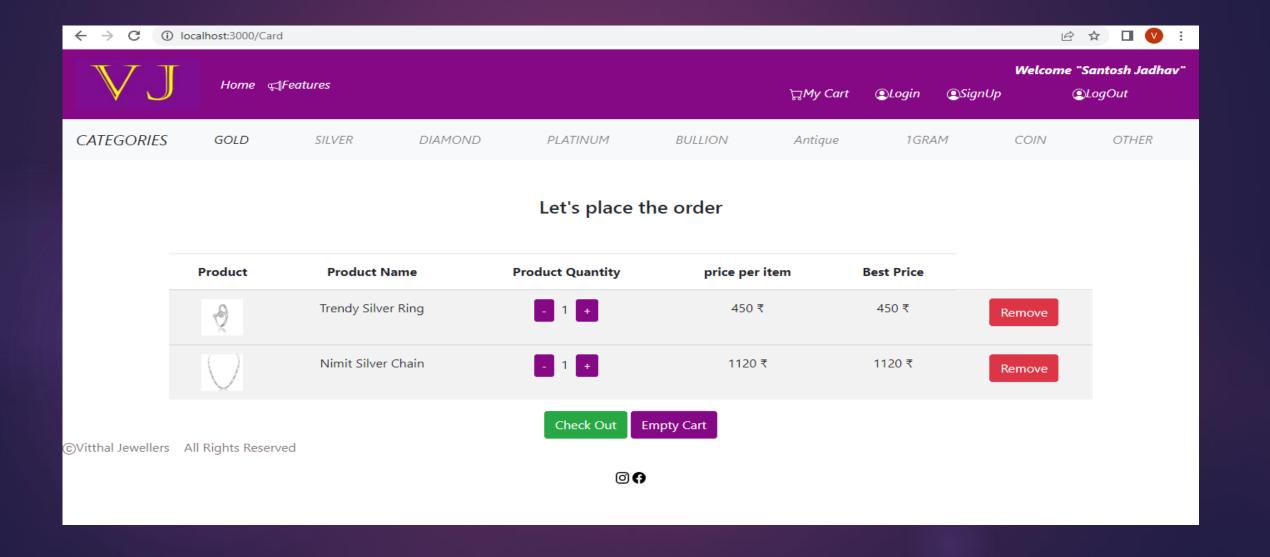# Sign-up page for new customer eg. santosh

localhost:3000/Signup

VJ

Home Features

Welcome

My Cart Login SignUp LogOut

CATEGORIES GOLD SILVER DIAMOND PLATINUM BULLION Antique 1GRAM COIN OTHER

Customer Name

Santosh Jadhav

Email

santosh@gmail

Password

·········

Contact No

254631

City

pune

state

Maharashtra

When Santosh login successfully then he can add product to cart
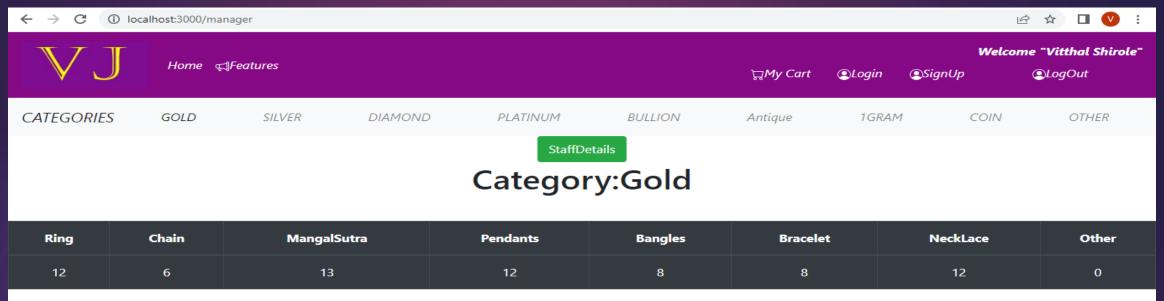
Santosh added Product to cart successfully

Santosh remove gold bracelet for cart

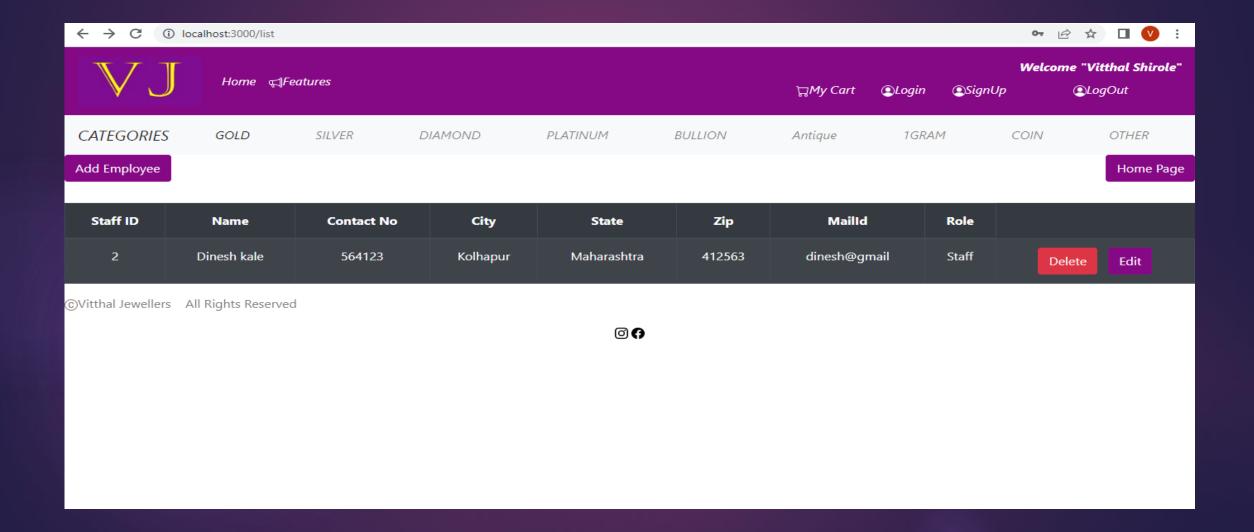# Santosh place order successfully

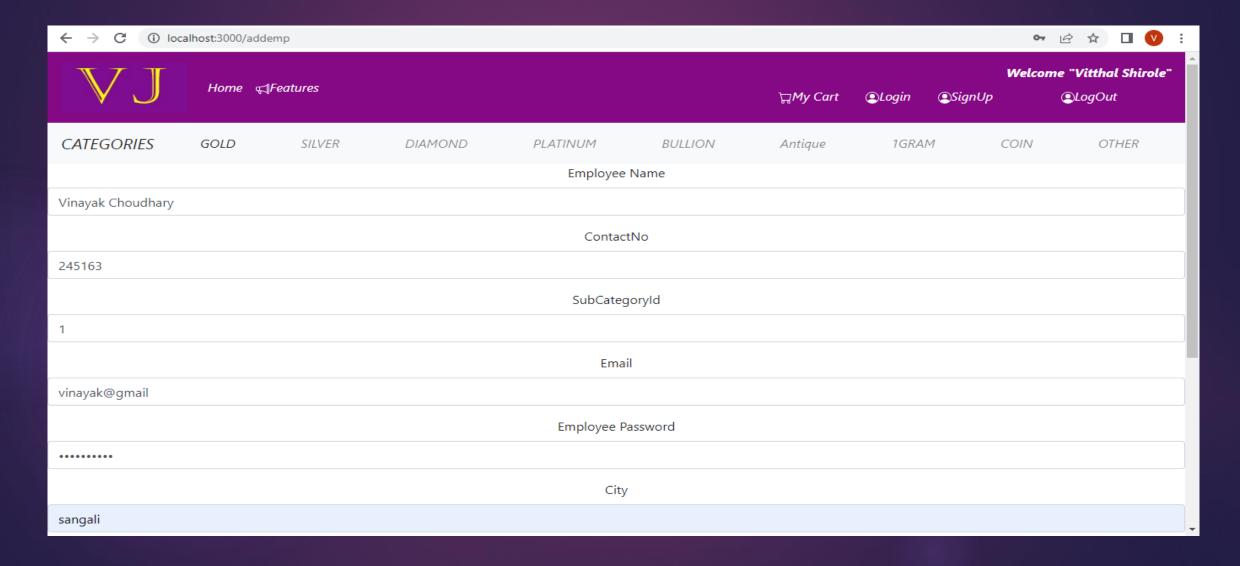# Manager login

Manager view stock of products as per category

Manger can view staff details

Manager add ,delete, edit staff

Manager add staff
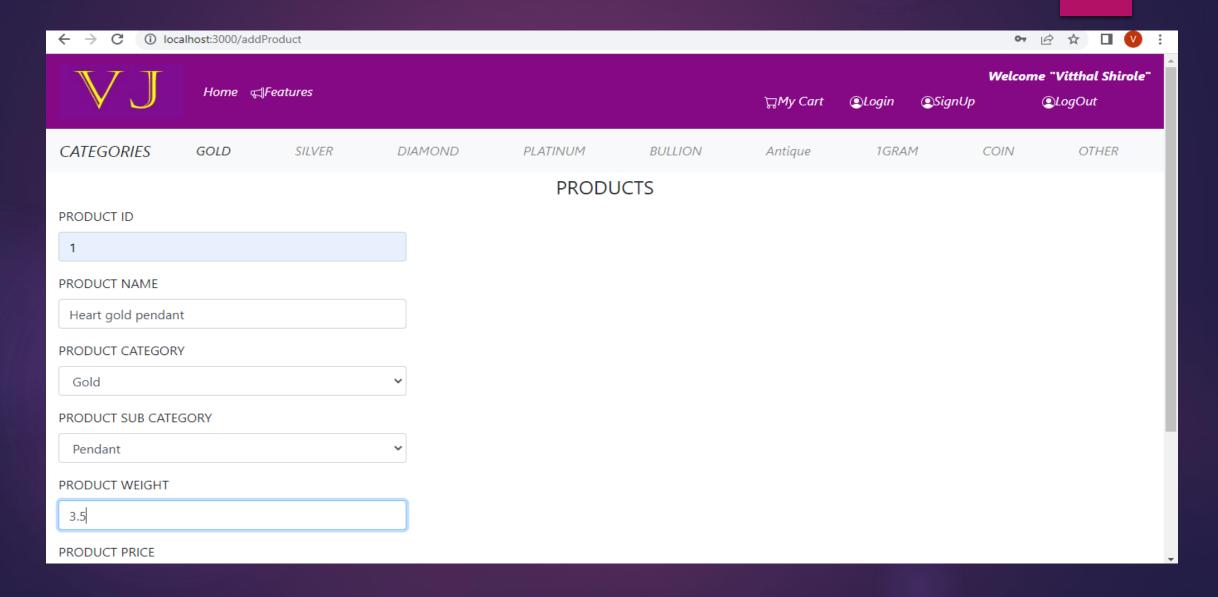
New added Staff can add product as per category, subcategory through successfully login

Product add form

Thank you !!