

ONLINE FOOD DELIVERY SYSTEM

PRESENTED BY

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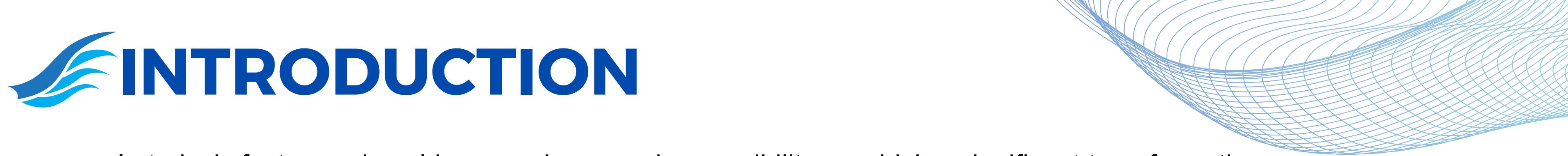
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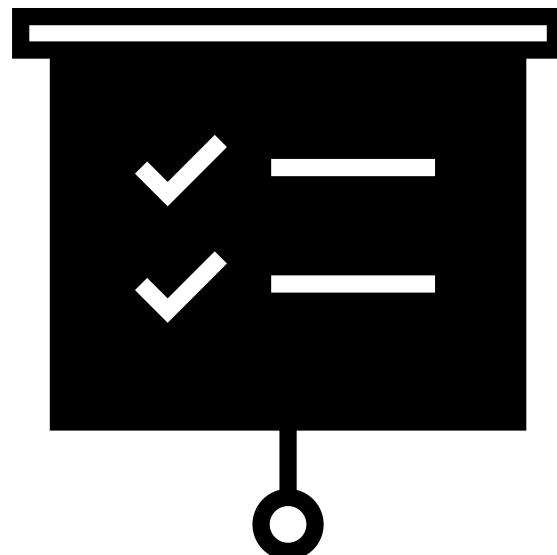
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DATE: 16-08-2023



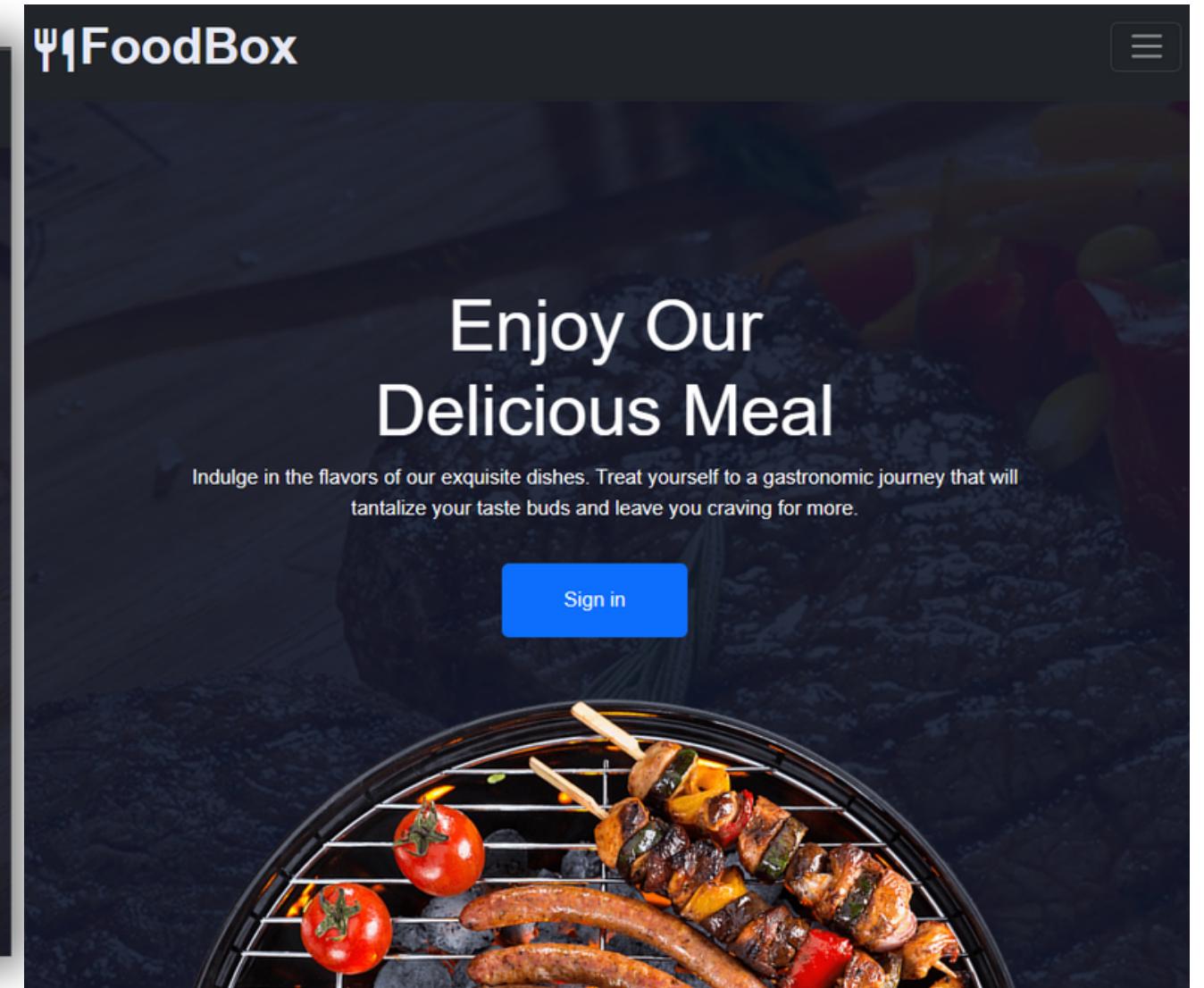
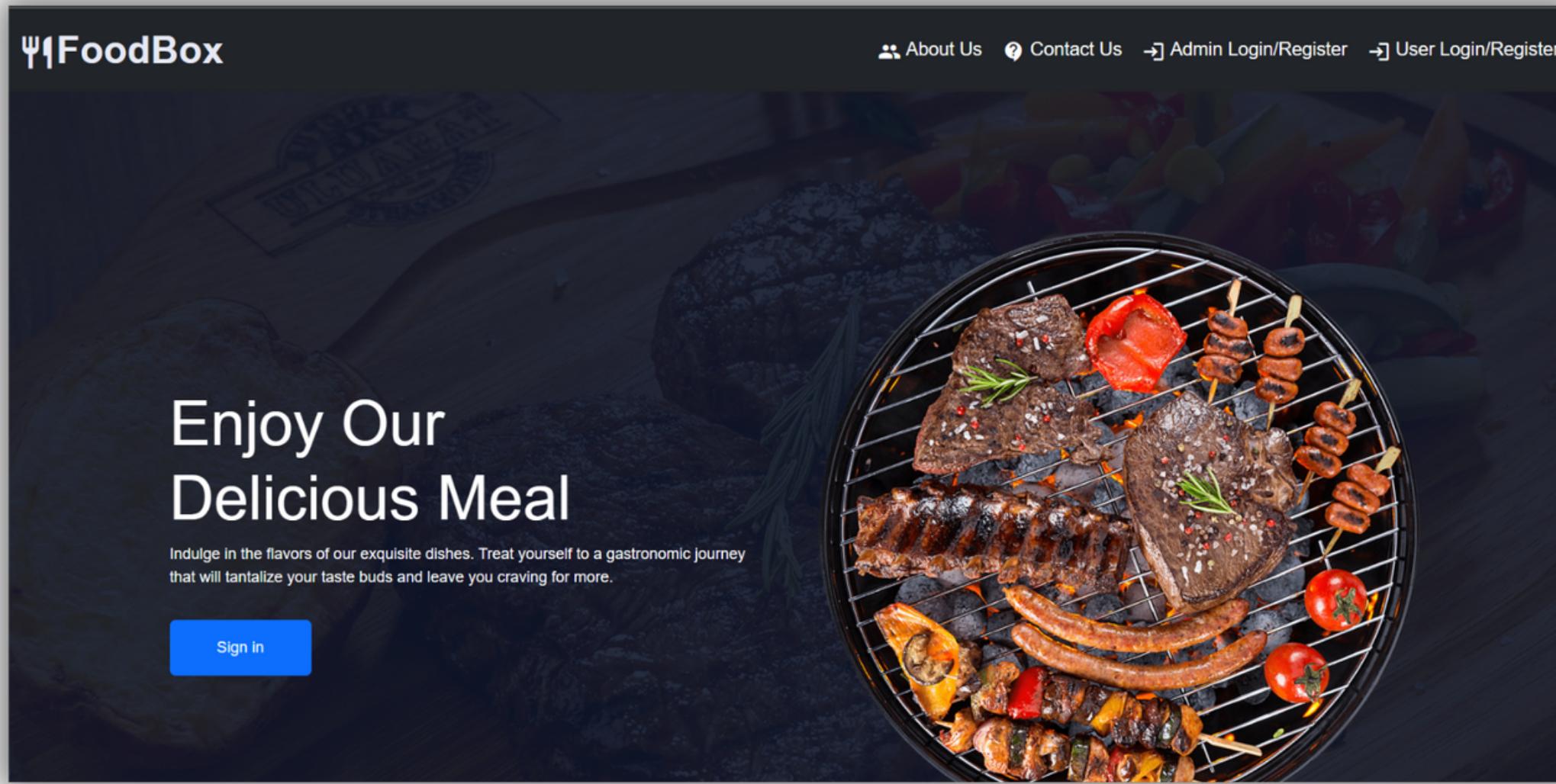
INTRODUCTION

- In today's fast-paced world, convenience and accessibility are driving significant transformations across industries. One such notable evolution is in the way we indulge in our favorite culinary delights.
- The age-old practice of dining out has evolved into a seamless online experience, and FoodBox, a renowned restaurant chain, is at the forefront of this transformation. Welcome to our presentation on "FoodBox"
- As time progressed, the restaurant industry witnessed a significant shift towards online food ordering platforms. Realizing the potential of this trend, FoodBox embarked on a journey to blend tradition with innovation, thus creating an impeccable online food delivery platform.
- Our platform is designed with users in mind, providing a user-friendly experience that makes ordering food easy and enjoyable. From our intuitive search function to our secure payment system, we've thought of everything to ensure satisfaction.





- **Domain:** Food Delivery
- **Project Objective:** Develop a dynamic and responsive online food delivery web application for ordering food items of different cuisines from a restaurant.





TOOLS AND TECHNOLOGIES

FRONT-END DEVELOPMENT:

- Angular
- HTML, CSS, Bootstrap

DATABASE MANAGEMENT:

- MySQL
- MySQL Workbench

BACK-END DEVELOPMENT:

- Spring Boot
- Hibernate (JPA - ORM)
- Java JDK 8

INTEGRATED DEVELOPMENT ENVIRONMENTS (IDE'S):

- Spring STS
- Visual Studio Code (VS Code)

SERVER:

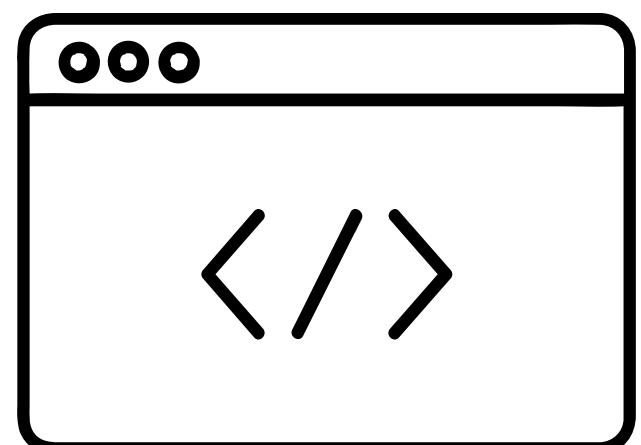
- Tomcat

VERSION CONTROL

- Git

TESTING:

- JUnit Testing
- Postman Testing





FUNCTIONALITY HIGHLIGHTS

Enhanced User Experience:

- Responsive Design
- Contact Us and About Us Sections

User Interaction:

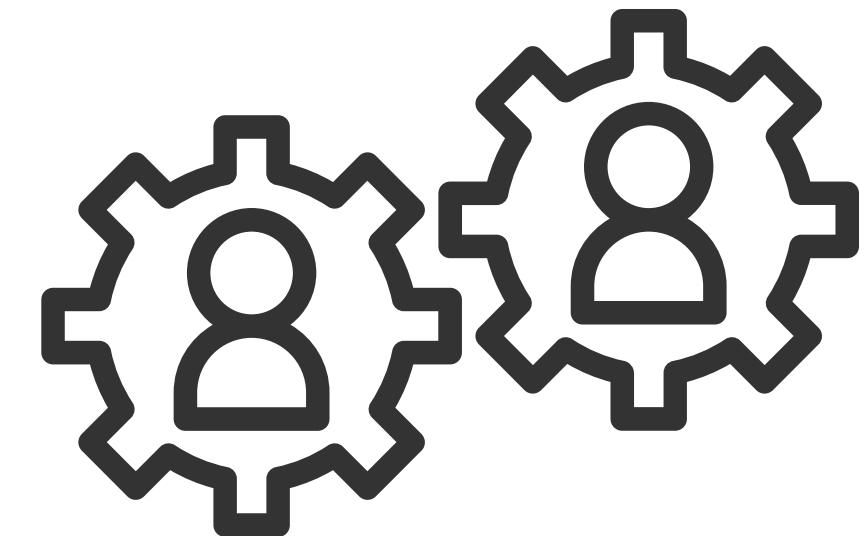
- Raise Queries
- Route Guard - To ensure secure access, we have implemented route guards that regulate user and admin access to different sections of the application.

Admin Portal:

- Efficient Management
- Cuisine and Food Management
- Query Management
- Review Management
- Order Details

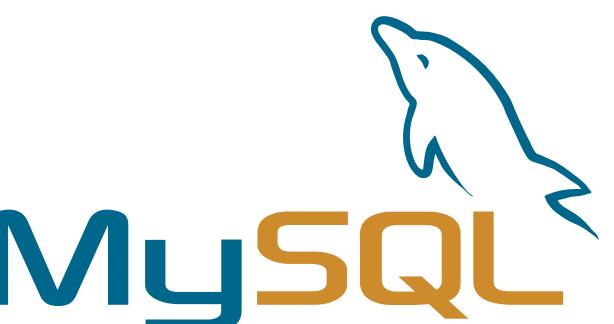
User Portal:

- User Registration
- Smart Search and Filters
- Customized Orders
- Hassle-Free Payment





POJOS & TABLES

**Table: admin****Columns:**

| | |
|--------------------|--------------|
| admin_id | bigint AI PK |
| email | varchar(255) |
| employee_id | varchar(255) |
| name | varchar(255) |
| password | varchar(255) |

Table: user**Columns:**

| | |
|----------------------|--------------|
| user_id | bigint AI PK |
| email | varchar(255) |
| mobile | varchar(255) |
| name | varchar(255) |
| password | varchar(255) |
| mobile_number | varchar(255) |

Table: contact_form**Columns:**

| | |
|------------------------|--------------|
| contact_form_id | bigint AI PK |
| email | varchar(255) |
| message | varchar(255) |
| name | varchar(255) |
| subject | varchar(255) |

Table: review**Columns:**

| | |
|-----------------------|--------------|
| review_id | bigint AI PK |
| review_comment | varchar(255) |
| review_name | varchar(255) |
| review_star | int |

Table: category**Columns:**

| | |
|--------------------|--------------|
| category_id | bigint AI PK |
| name | varchar(255) |

Table: food_item**Columns:**

| | |
|---------------------------|--------------|
| food_item_id | bigint AI PK |
| actual_price | double |
| available_quantity | int |
| description | varchar(255) |
| enabled | bit(1) |
| image_path | varchar(255) |
| name | varchar(255) |
| offer | double |
| category_id | bigint |

Table: cart_item**Columns:**

| | |
|-----------------------------|--------------|
| cart_item_id | bigint AI PK |
| quantity | int |
| total_food_item_cost | double |
| user_id | bigint |
| food_item_id | bigint |

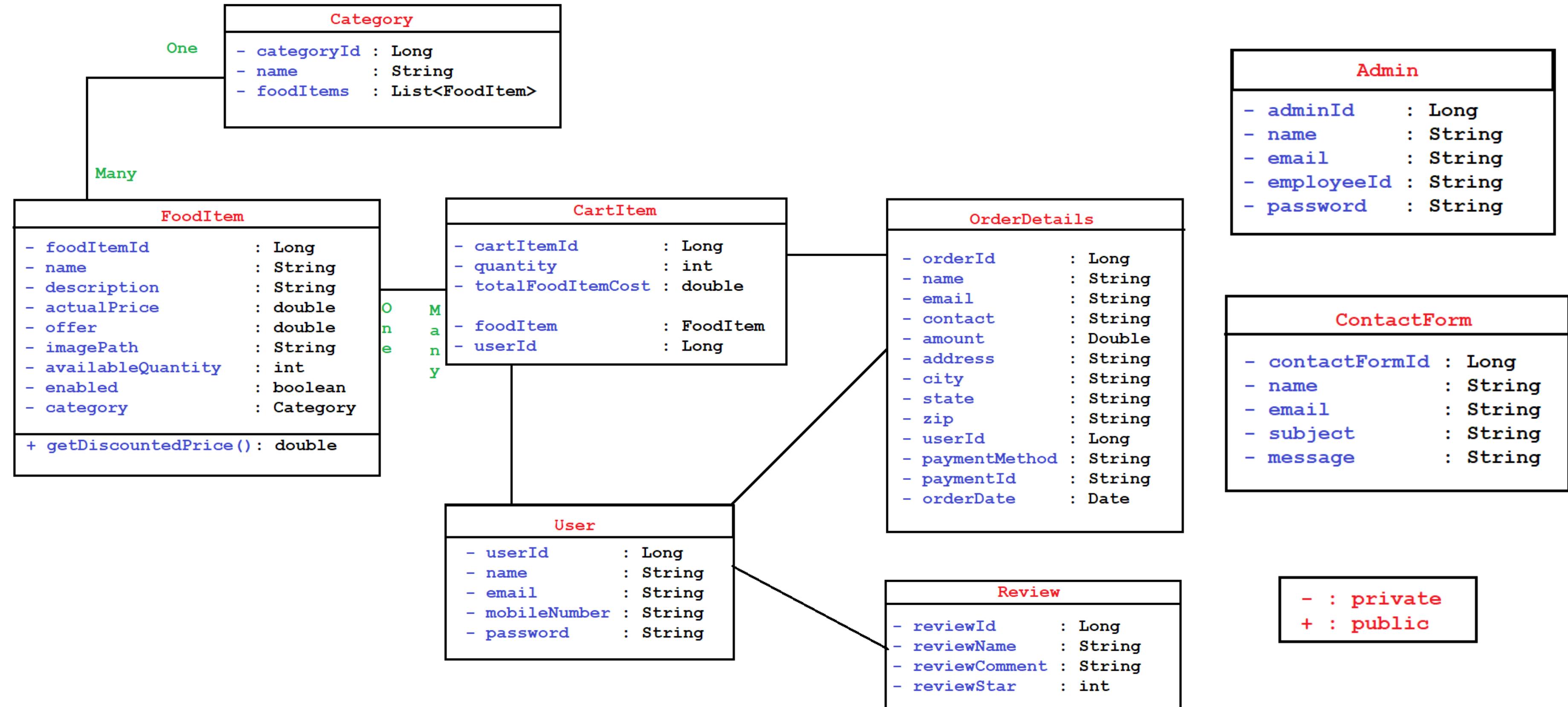
Table: orders**Columns:**

| | |
|-----------------------|--------------|
| order_id | bigint AI PK |
| address | varchar(255) |
| amount | double |
| city | varchar(255) |
| contact | varchar(255) |
| email | varchar(255) |
| name | varchar(255) |
| order_date | date |
| payment_id | varchar(255) |
| payment_method | varchar(255) |
| state | varchar(255) |
| user_id | bigint |
| zip | varchar(255) |





RELATIONSHIP DIAGRAM





DEMONSTRATION

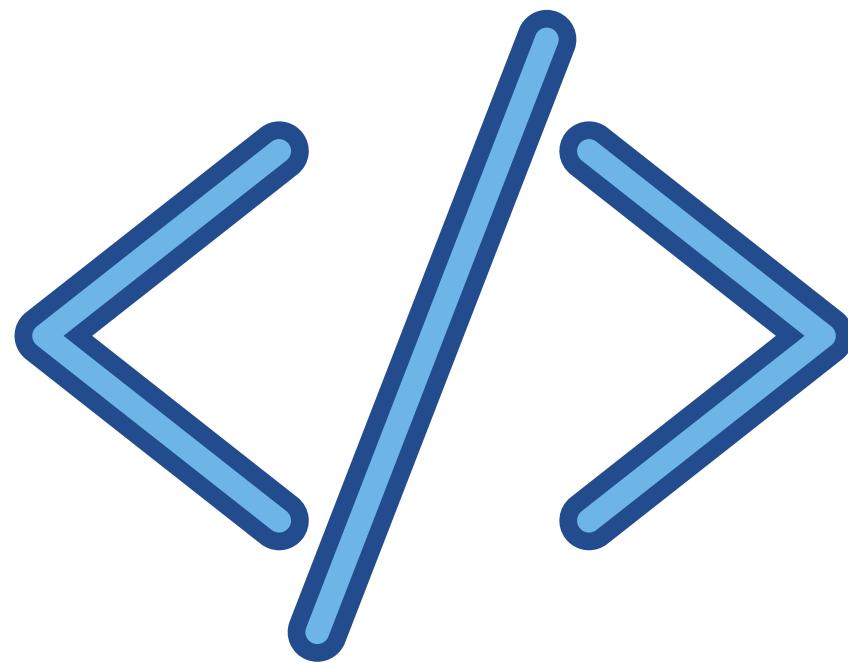




CONCLUSION

- In conclusion, our project "**FoodBox: Online Food Delivery System**" aims to provide a seamless and user-friendly platform for users to order their favorite food items from various cuisines.
- By leveraging technologies such as Angular for the front-end and Spring Boot for the back-end, we've created a dynamic and responsive application that caters to both users and administrators.
- We've highlighted the significance of our application in addressing the changing dynamics of the food industry. The ability to manage cuisines, food items, reviews, and orders through the admin portal showcases the system's robustness.
- Users can easily navigate, search, customize their orders, and proceed with a secure payment process.
- Our project also demonstrates our proficiency in utilizing a range of tools and technologies, including Spring Boot, Hibernate, Angular, HTML, CSS, Bootstrap, MySQL, and more.
- We've ensured that the application is not only functional but also aesthetically pleasing and responsive, offering a seamless experience across devices.





THANK YOU

