

# **Team A**

Project Presentation On

## **Quick-Serve Localized Service Discovery and Booking App**

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# Introduction

QuickServe is an on-demand platform that connects customers with service providers for easy service booking and management. It provides a centralized system with real-time communication, booking tracking, and role-based access.



# Problem

1. Trust & Verification Gaps: Newcomers struggle to verify provider quality, relying on unreliable sources.
2. Fragmented Workflow: Discovery, price negotiation, communication, and booking are scattered across multiple platforms.

# Solution

- Develop a location-aware service marketplace
- Enable easy discovery and booking of nearby services
- Ensure transparency through verified reviews and ratings
- User-friendly interface for customers and providers
- Build trust using genuine user feedback

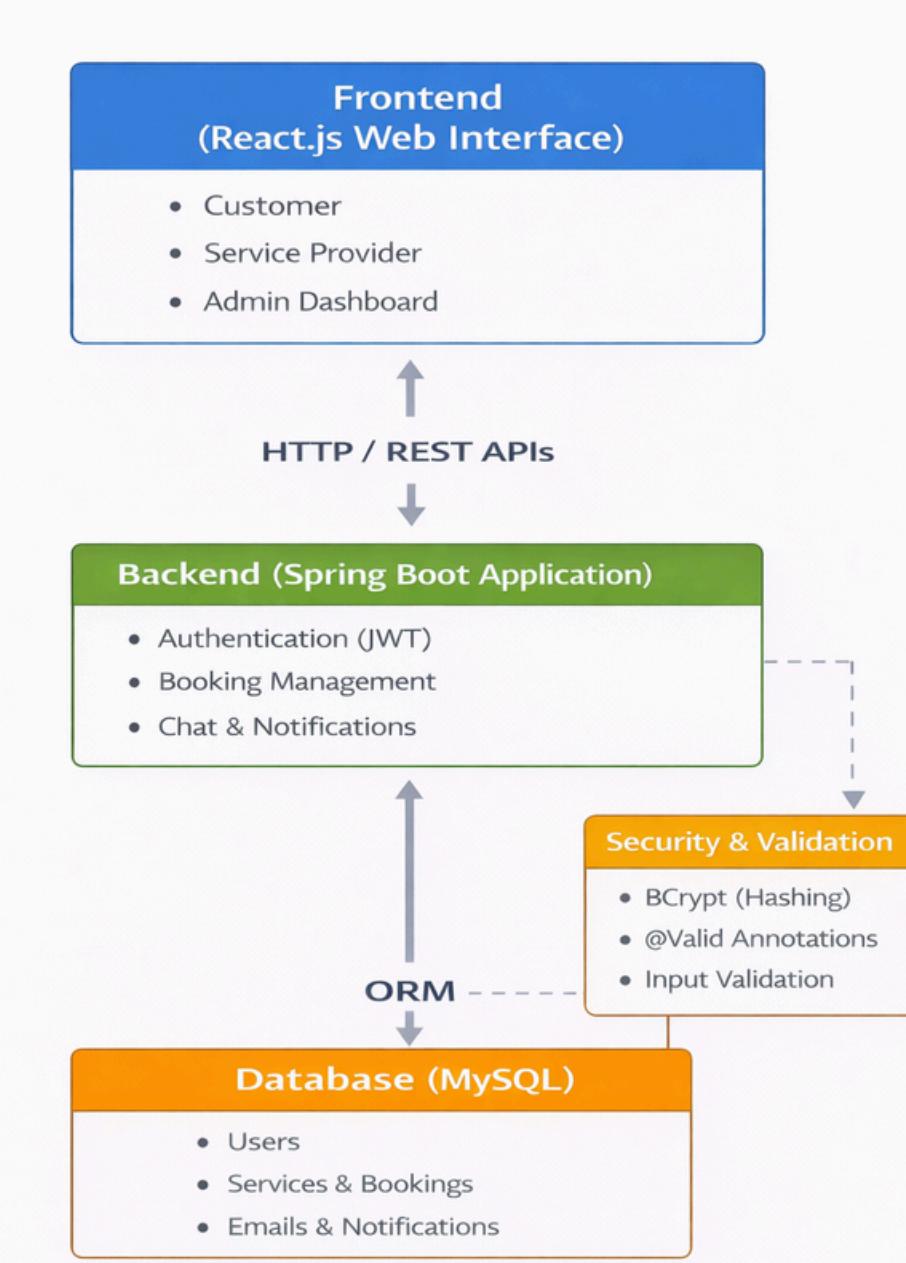
# Objective

- To provide on-demand home and professional services through a single digital platform.
- To connect customers with verified and skilled service providers efficiently.
- To ensure a simple, fast, and user-friendly booking process.
- To improve service quality, reliability, and customer satisfaction.



# Architecture

QuickServe follows a three-tier architecture where the React frontend communicates with a Spring Boot backend through REST APIs, and data is stored in a MySQL database.

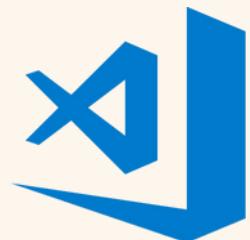


# Key Features

- Secure user authentication with role-based access  
(Customer, Provider, Admin)
- Service booking and real-time status tracking
- Real-time chat and notification system
- Admin dashboard for user and service management

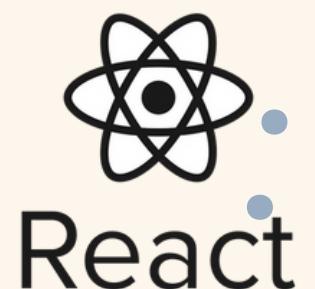
# Tech Stack

- Core Backend: Spring Boot, Spring Data JPA, Spring Security
- External Services: Leaflet with react-leaflet
- Database: MySQL
- Frontend: React.js
- Development Tools: VS Code.



Visual Studio Code

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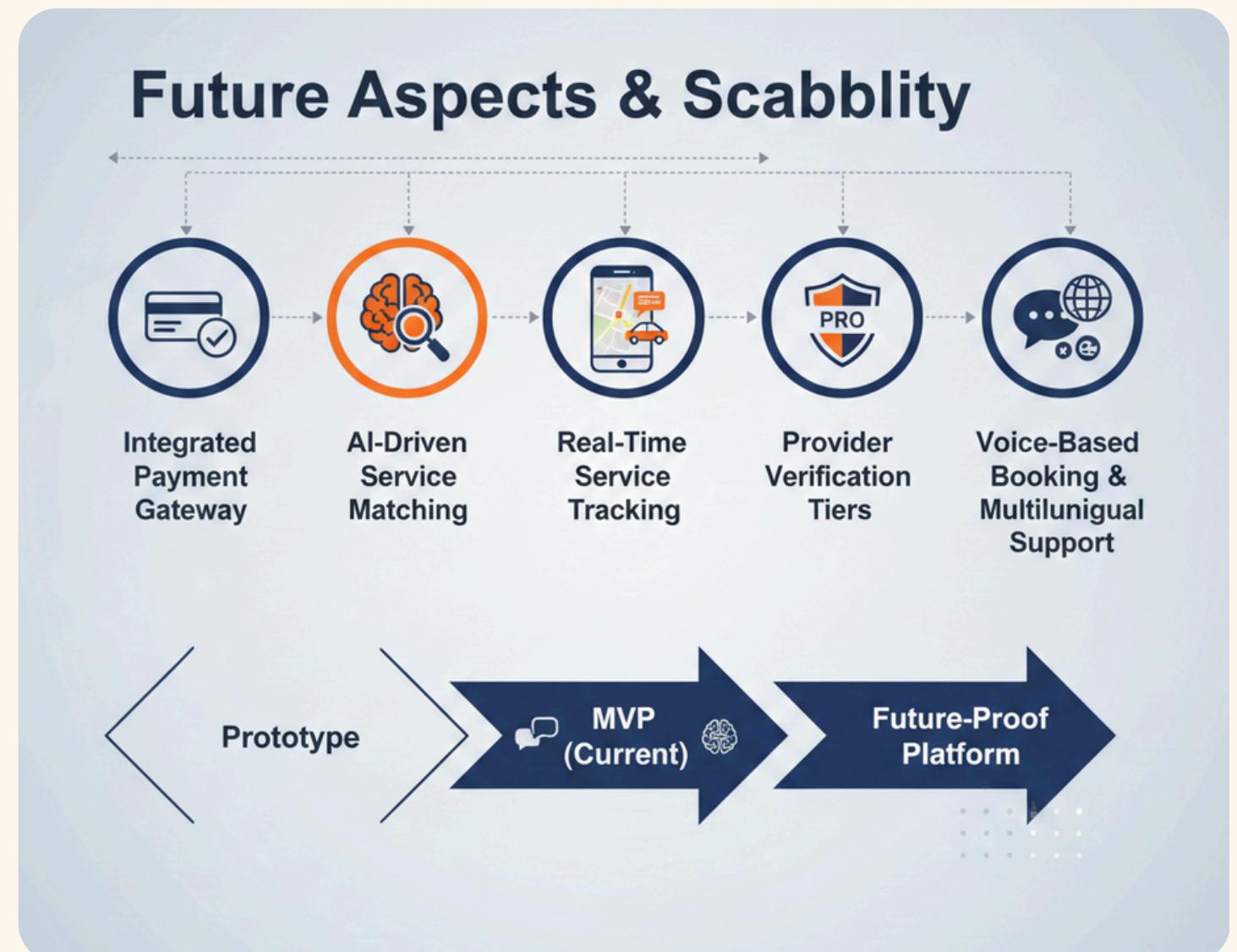


# Implementation

- Developed a React.js frontend for user interaction
- Implemented Spring Boot RESTAPIs for business logic
- Used JWT for secure authentication and authorization
- Stored and managed data using MySQL database

# Future Aspects & Scalability

- **Secure In-App Payments:** Integration of Razorpay/Stripe for seamless, direct transactional processing.
- **AI-Driven Matching:** Implementing machine learning to suggest top-rated providers based on user history.
- **Multilingual Support:** Expanding accessibility by adding local language interfaces for diverse urban areas.



# Conclusion

QuickServe is a centralized platform that connects customers with service providers, enabling secure access, real-time communication, and efficient booking management. The project applies full-stack development skills using React.js, Spring Boot, and MySQL. Overall, it provides a reliable, scalable, and user-friendly solution for digital service management.

**Thank you**