

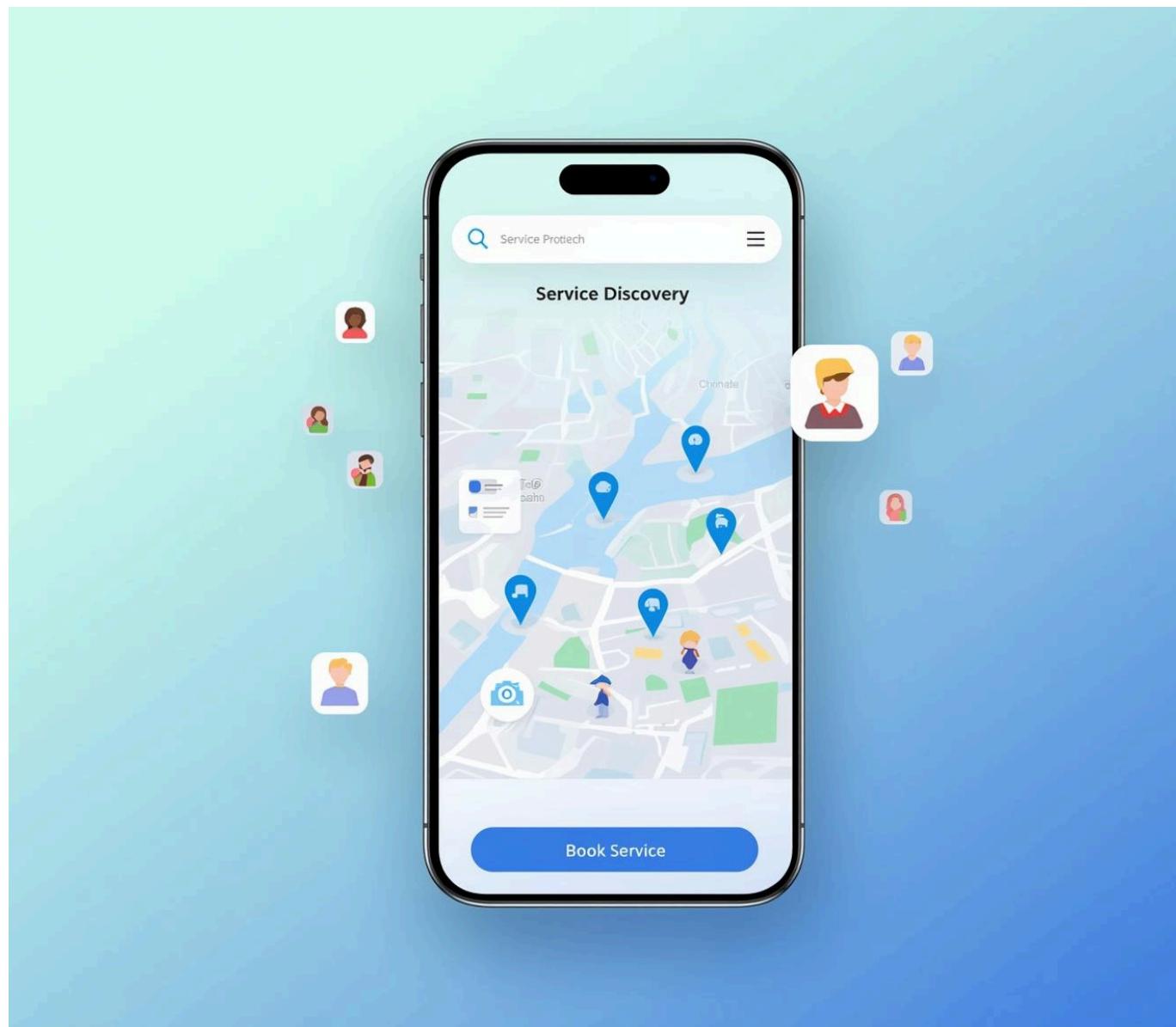
# ServiceFinder

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Infosys Springboard Virtual Internship 6.0

Batch 4

*A.Martina Roselin*

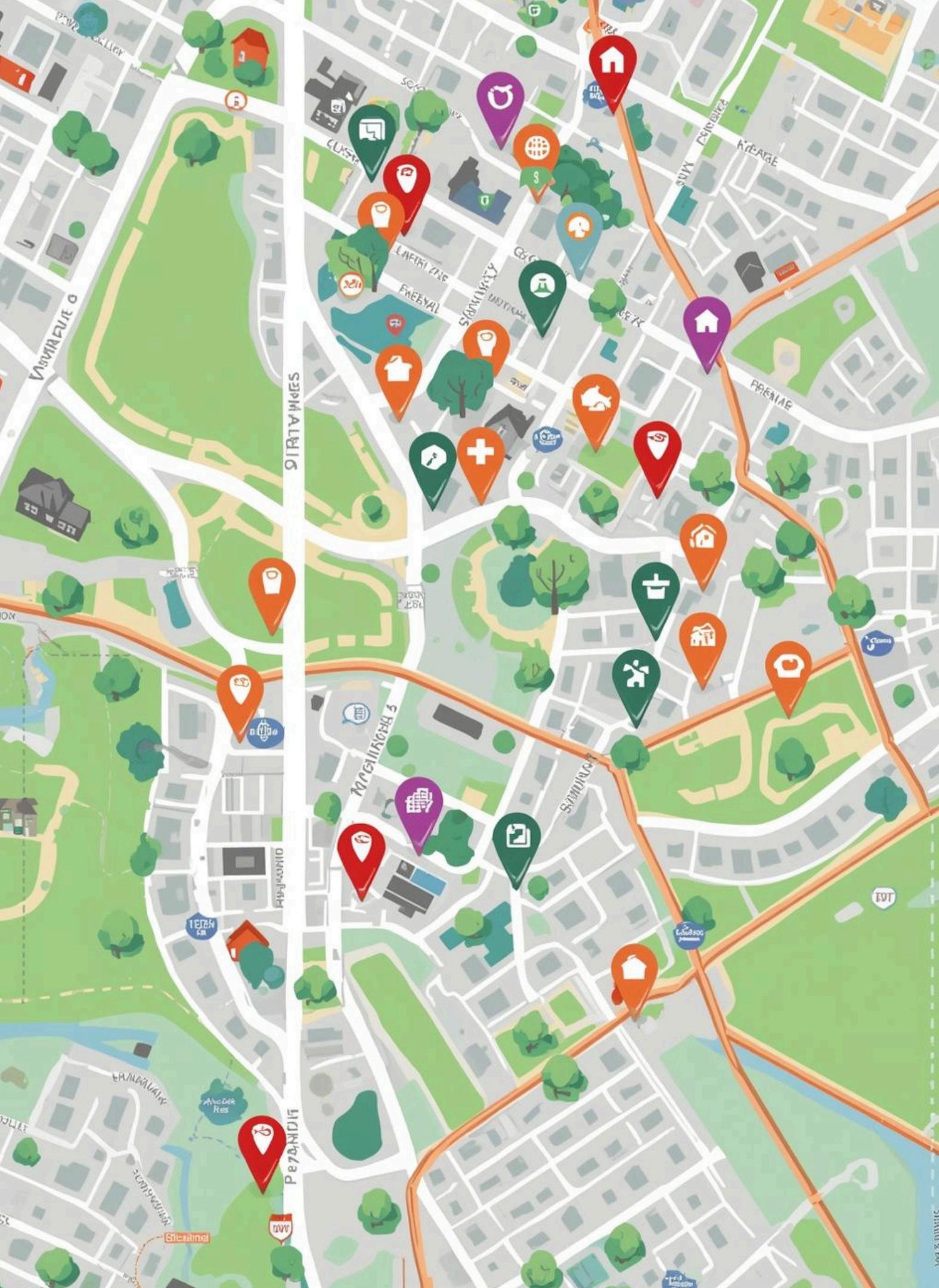


# Project Overview

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Connecting customers with verified local service providers effortlessly

The ServiceFinder platform addresses the **growing challenges** faced by consumers in identifying trustworthy local professionals. By offering a centralized solution, we enable users to quickly discover verified service providers in their vicinity, ensuring a seamless booking experience through real-time service discovery and secure payments.



# Technology Stack

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## Frontend:

- React.js (Vite) with TypeScript
- Tailwind CSS (Styling)

## Backend:

- Java Spring Boot (REST APIs).
- Spring Security (JWT Authentication).
- Spring Data JPA (Hibernate).
- Maven (Build Tool).

## Database:

- MySQL (Relational Database)



# *Key Integrations (3rd Party APIs)*

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## AI Chatbot

Google Dialogflow (NLP)  
connected via Spring Boot  
Webhook



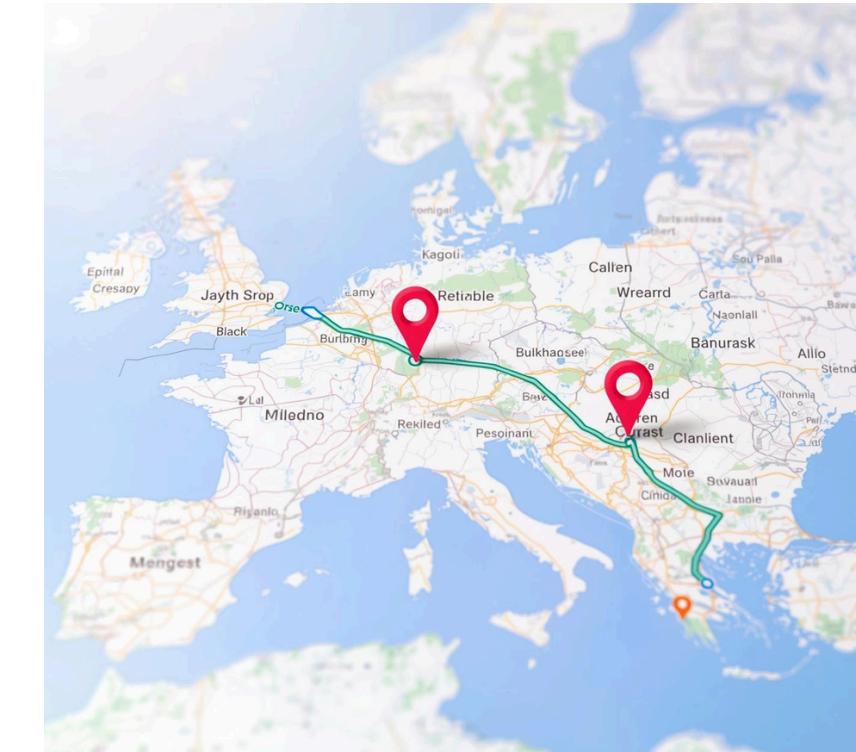
## Payment System

Secure transactions enabled  
through Razorpay API



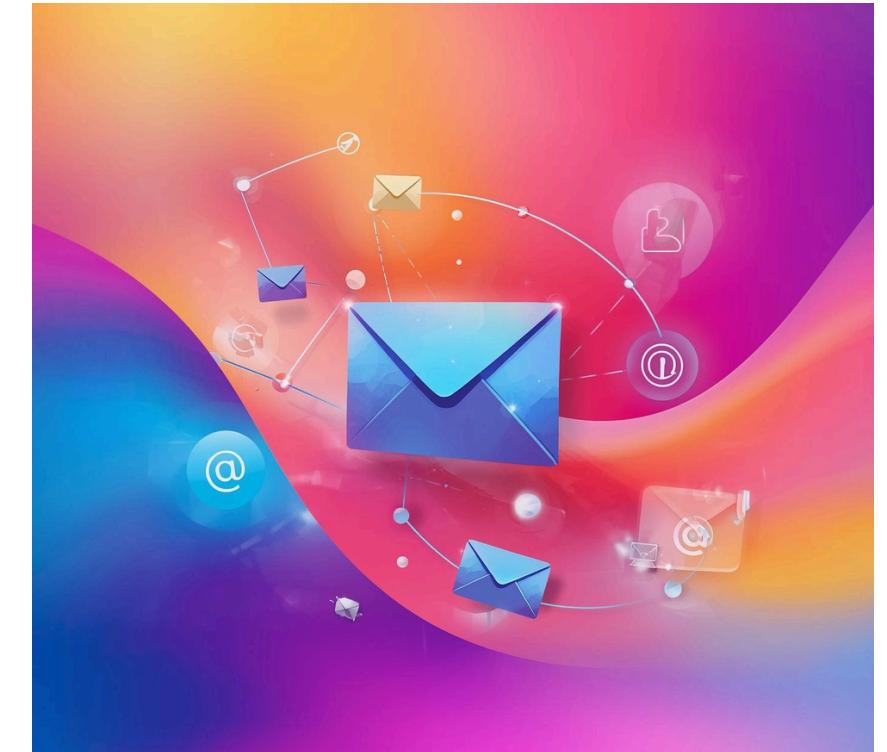
## Maps & Geocoding

OpenCage API (Address to  
Coordinates) &  
OpenStreetMap.



## Notifications

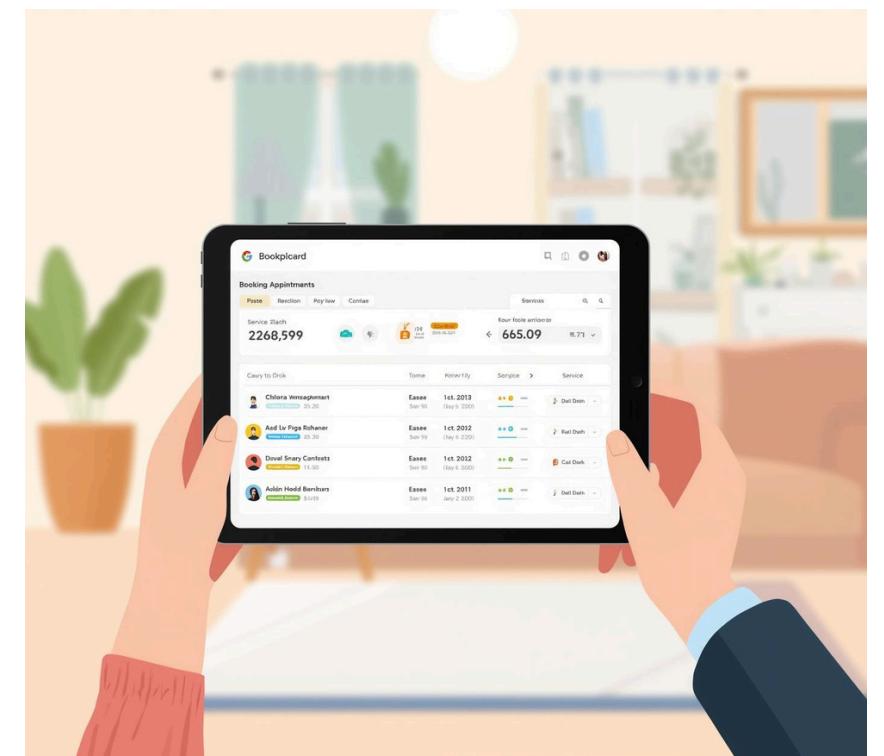
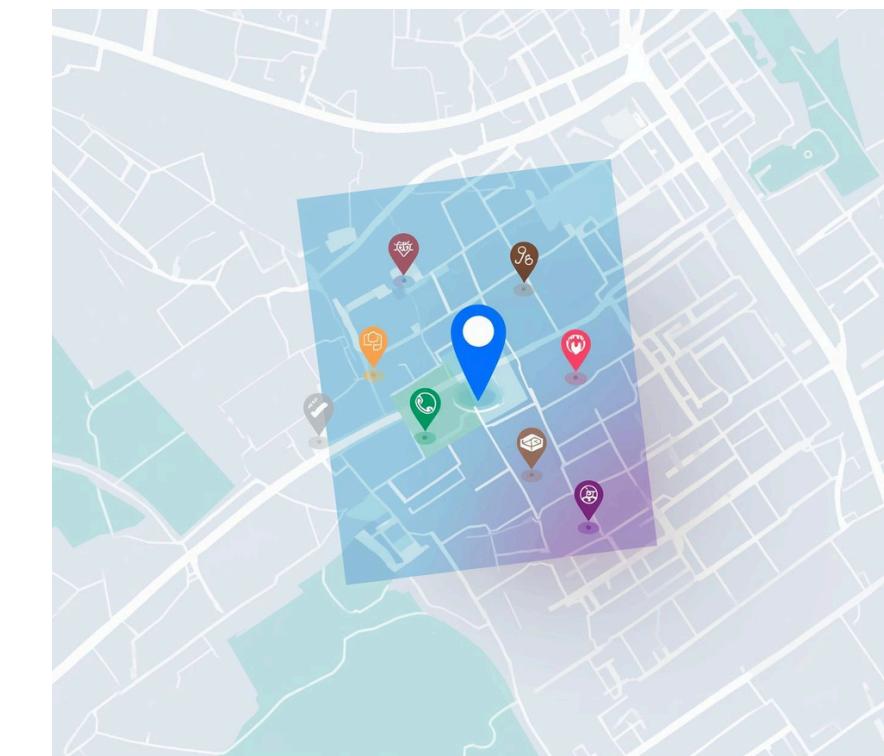
JavaMailSender (Gmail  
SMTP). Secure email delivery  
using Google App Passwords.



# Core Features-User Module

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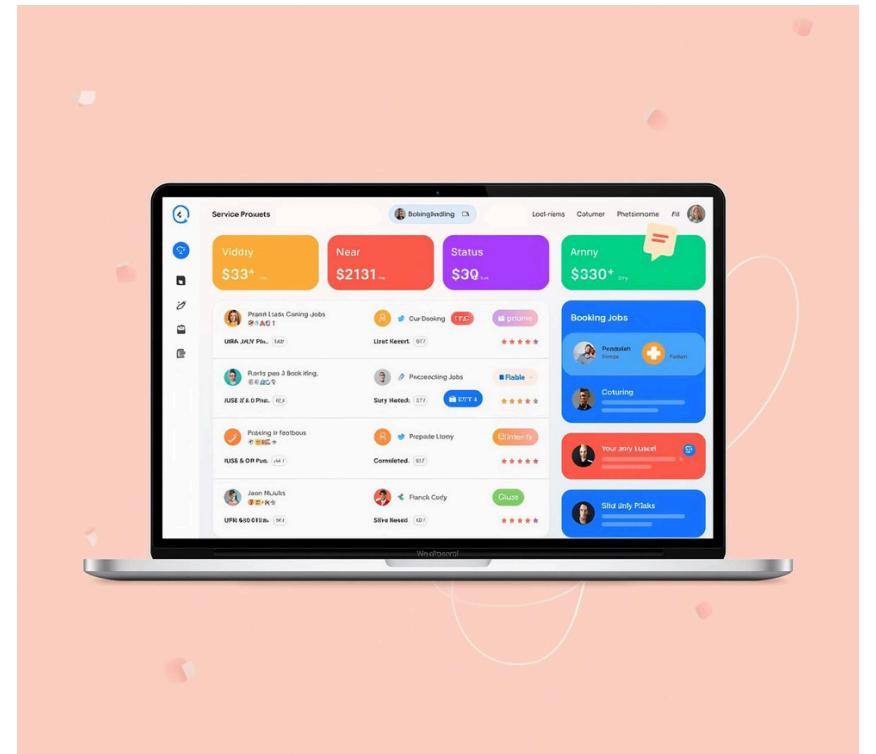
- **Smart Search:** Search providers by Service Type (e.g., "Plumber") and Location
- **Geospatial Map Search:** Auto-detects User GPS location, Shows providers within 5km radius
- **Booking System:** Select Date & Time slots, Pay Online (Razorpay) or Cash After Service
- **Dashboard:** View booking history and status tracking.



# Service Provider Module

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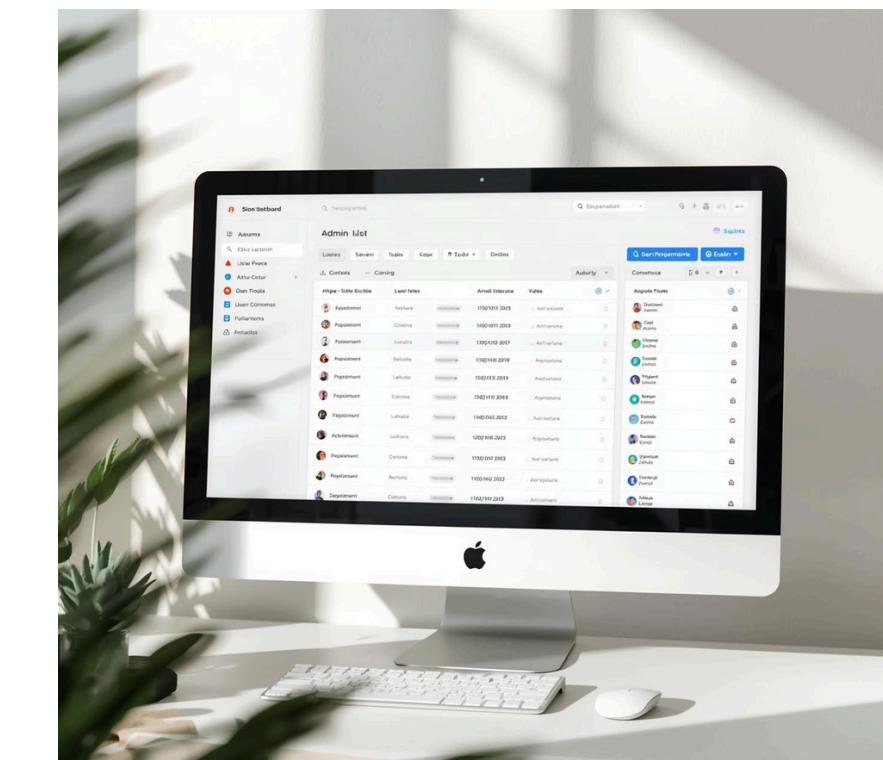
- **Profile Management:** Update service details, cost, and experience.
- **Booking Management:** View incoming requests, Accept or Reject as per their schedule
- **Status Updates:** Mark jobs as "Completed"



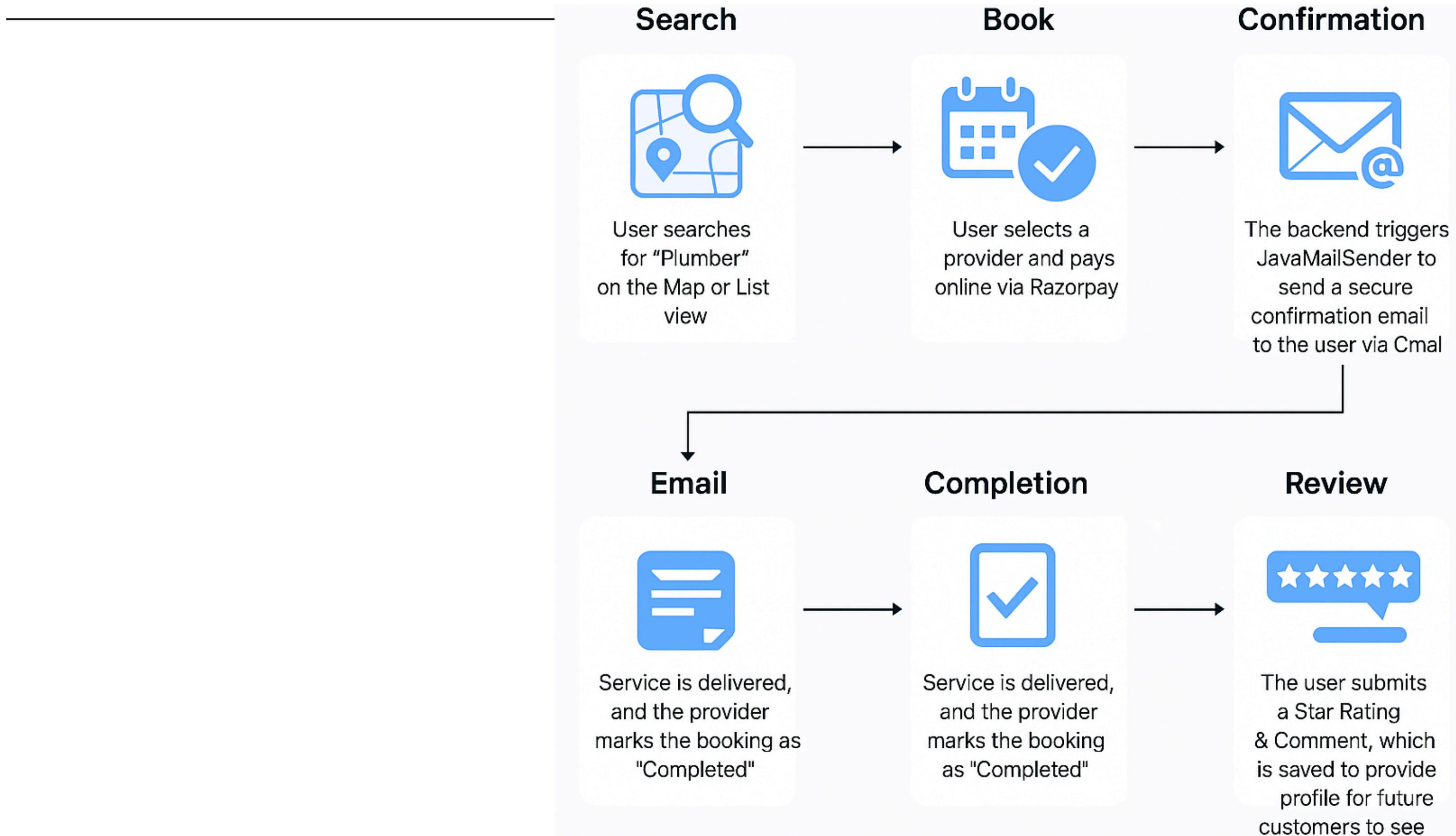
# *Admin Module*

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- **User & Provider Management:** View all registered users and delete/ban accounts if necessary.
- **System Analytics:** View total count of Users, Providers, and Bookings.
- **Global Booking View:** Admin can oversee all booking activities in the system.



# The Workflow



# Output Screenshots

A screenshot of a web browser displaying the homepage of a service directory website. The address bar shows 'localhost:5173'. The page title is 'ServiceFinder' in blue text. In the top right corner, there are links for 'Login', 'Register as User', and 'Register as Provider'. Below the title, a large heading reads 'Find Trusted Local Services Near You'. A subtext below it says, 'From electricians to cleaners, connect with verified professionals in your area and book reliable service appointments with ease.' Two buttons are present: a blue 'Get Started' button with a right-pointing arrow icon, and a grey 'Join as Provider' button with a briefcase icon. To the right of the text, there is a 3D illustration of three service workers: a man in a blue jumpsuit and yellow hard hat, a woman in a blue shirt and dark pants with a blue hard hat and goggles, and another man in an orange jumpsuit and yellow hard hat holding a black device with a screen and a handle. At the bottom right, there is a chatbot interface with a message bubble containing 'Hi! How are you doing?' and a close 'X' button, next to a blue circular icon with a white robot head.



## Welcome Back

Sign in to your account

Email Address

kevin932007@gmail.com

Password

.....|

**Sign In**

Don't have an account? [Register as User](#)

[Register as Service Provider](#)

[Admin Login](#)



^ ENG  
IN 7:23 PM  
12/10/2025

localhost:5173/map-search

SEARCHING FOR  
Gardening near Me

Selvaraj.M \$10

Gardening

★ 4.8 (12 reviews)

View Details & Book

Leaflet | © OpenStreetMap contributors © CARTO

ENG IN 7:25 PM 12/10/2025

← Back

### Book Appointment

Select Date

12/11/2025



Select Time

07:30 AM



Payment Method

Cash After Service

Pay Online Now

Pay & Book

Cancel

Verified Provider



localhost:5173/user/provider/3

Back

S ServiceFinder

Price Summary  
₹10

Using as +91 99999 99999 >

Secured by Razorpay

Cards

Netbanking

Wallet

Pay Later

More options

Payment Options

... X

Search for Banks

Suggested Banks

- Bank of Baroda - Retail Banking For Individuals >
- Canara Bank >
- Punjab National Bank - Retail Banking For Individuals >
- PNB (Erstwhile-United Bank of India) >
- IDBI >

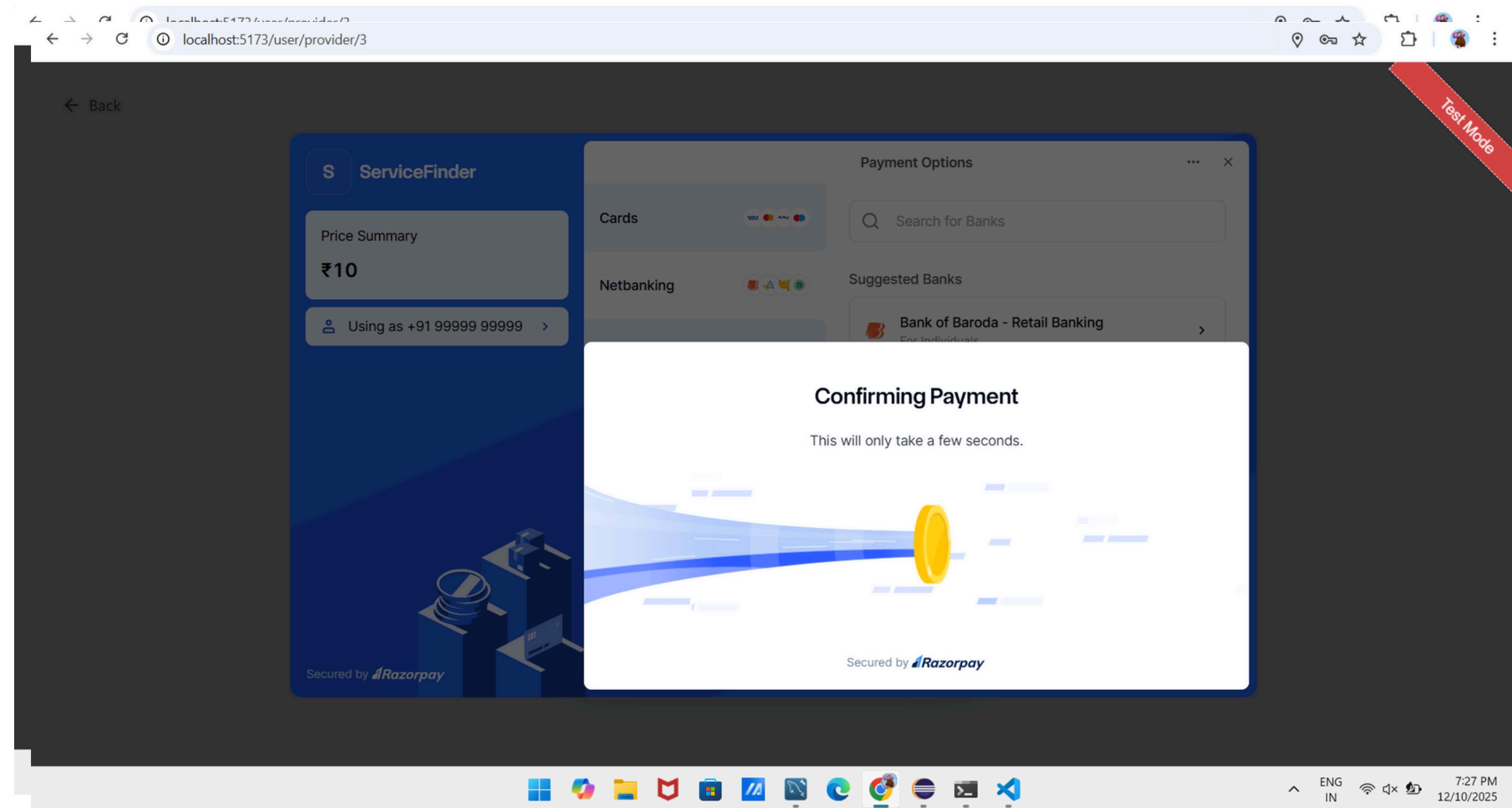
All Banks

- Airtel Payments Bank >

Test Mode

Windows Taskbar icons: File Explorer, Edge, Task View, Google Chrome, Microsoft Edge, File Manager, Taskbar, and others.

System tray: ENG IN, Wi-Fi, Battery, 7:27 PM, 12/10/2025



*Thank You*