

Service Providing Online Platform Near to Me

Anagha Sunil¹ and Dr. T. Mahalakshmi²

Student, IV Semester, MCA¹

Professor and Principal, Department of Computer Applications²

Sree Narayana Institute of Technology, Kollam, Kerala, India

Abstract: *This research paper presents a comprehensive study on the implementation and impact of the "Service Providing Online Platform Near to Me" project, which aims to simplify the process of finding local service providers by utilizing location-based services. The project's objective is to enhance user experience, increase the visibility of service providers, foster trust through reviews and ratings, and improve access to essential services. Through an in-depth literature survey, the paper examines related work in location-based service discovery, service quality evaluation, and geographic information systems. The proposed methodology outlines the key steps involved in database design, geographic information systems utilization, web development, and data analysis. The proposed system demonstrates advantages such as increased convenience for clients and enhanced opportunities for service providers.*

Keywords: Admin, Service Provider, Client

I. INTRODUCTION

In an increasingly interconnected world, the need for efficient and convenient access to local service providers is essential. The "Service Providing Online Platform Near to Me" project endeavors to address this need by establishing a centralized database that enables users to effortlessly locate and engage various service professionals. This research delves into the project's objectives, methodologies, and advantages.

The project's foundation lies in the domain of location-based services and service quality evaluation. Noteworthy works include "Location-Based Service Discovery for Mobile Devices" by C. Borcea and K. Schwan, which discusses the application of location-based services for mobile devices' service discovery. Similarly, "Evaluating Service Quality of Local Service Providers: The Role of Online Reviews and Word-of-Mouth Recommendations" by J.

H. Han and S. K. Kim underscores the significance of online reviews in assessing service quality. These studies collectively provide insights into relevant strategies and technologies.

There are mainly three modules:

- Admin
- Service Provider
- User

The admin module of the "NEAR TO ME" project enables the administrator to log insecurely and perform tasks like adding service providers and clients, as well as managing services and locations. The client module allows users to search for service providers based on services and location, providing features like distance calculation, call options, and chat. Clients can also leave reviews. For service providers, the module offers profile creation forms to input details, services, working hours, and more. Overall, the input design aims to provide user-friendly interfaces, secure logins, and efficient data entry for a streamlined experience in the system [5].

II. METHODOLOGY

The proposed system encompasses a multifaceted approach, encompassing database design, geographic information systems, location-based services, web development, user experience design, and data analysis. Database design involves structuring information about service providers, including their offerings, contact details, reviews, and pricing. Geographic information systems contribute to visualizing service providers' locations and coverage areas [1]. The utilization of location-based services ensures users can identify nearby service professionals. The web application

provides a user-friendly interface to access the information, emphasizing user experience. Data analysis and machine learning refine search results and recommendations based on user interactions.

III. EXISTING AND PROPOSED SYSTEMS

The existing system provides users with a range of geographical and navigational services through a platform that includes satellite imagery, aerial photography, street maps, 360° interactive panoramic views of streets (Street View), real-time traffic conditions, and route planning. This system enables users to access a variety of map-related data and tools for their navigation needs, whether they are traveling by foot, car, bike, public transportation, or even exploring aerial routes (in beta) [2].

The proposed system provides an integrated solution for minimizing the demerits of the existing system. In this, two mobile applications are maintained for the client and service providers separately along with the website. The proposed system helps the users to search service providers at various locations. The service providers can store their work-related data to their accounts which are provided to the clients at the time of searching. The details include the services they provide, their working hours, work gallery, current status, office location, service locations etc. The users are provided a map with the route and distance to the service providers. Near To Me makes the task of searching service providers easy for clients while it provides more job opportunities to the service providers.

A. Advantages of proposed system

- Easy for the clients to find service providers.
- Service providers get more job opportunities.
- Clients get the option to choose the service providers from multiple choices.

IV. BACKGROUND

Technologies Used:

In the "NEAR TO ME" project, PHP serves as a scripting language, enabling dynamic content generation and seamless interaction with databases. React, a JavaScript library, is utilized for creating dynamic user interfaces with reusable components and server-side rendering for improved performance. The web application framework Laravel empowers the project with scalability and development efficiency, supported by its modular packaging system and active community [2].

V. RESULTS AND DISCUSSIONS

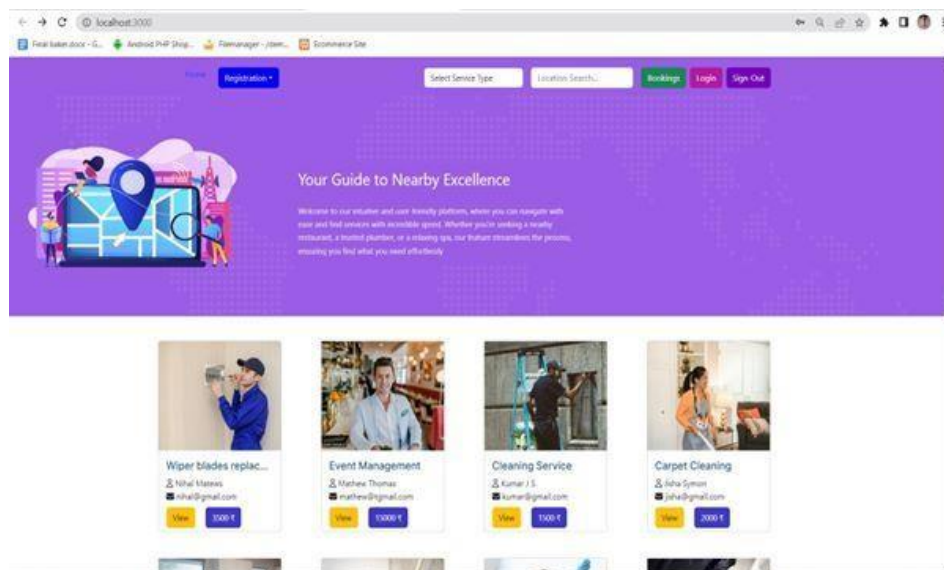


Figure 1: Home Page

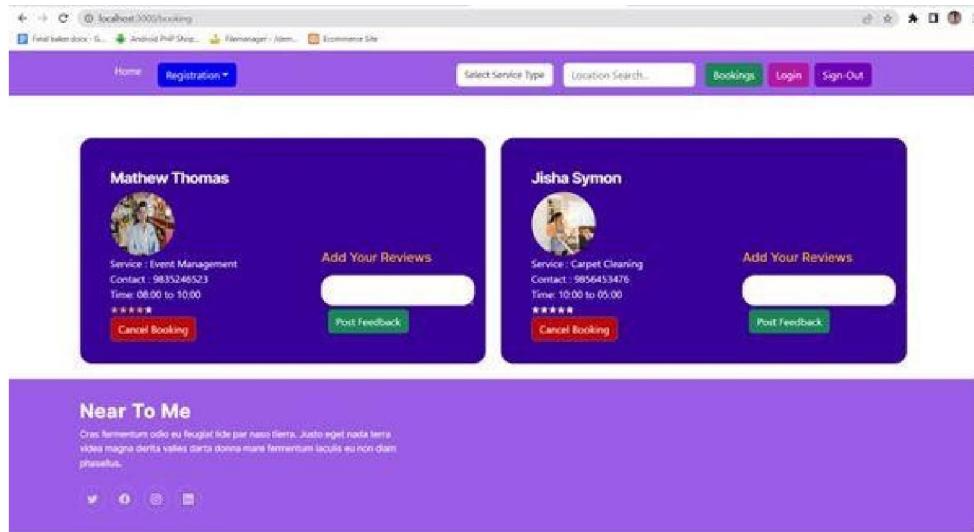


Figure 1: Booking Details

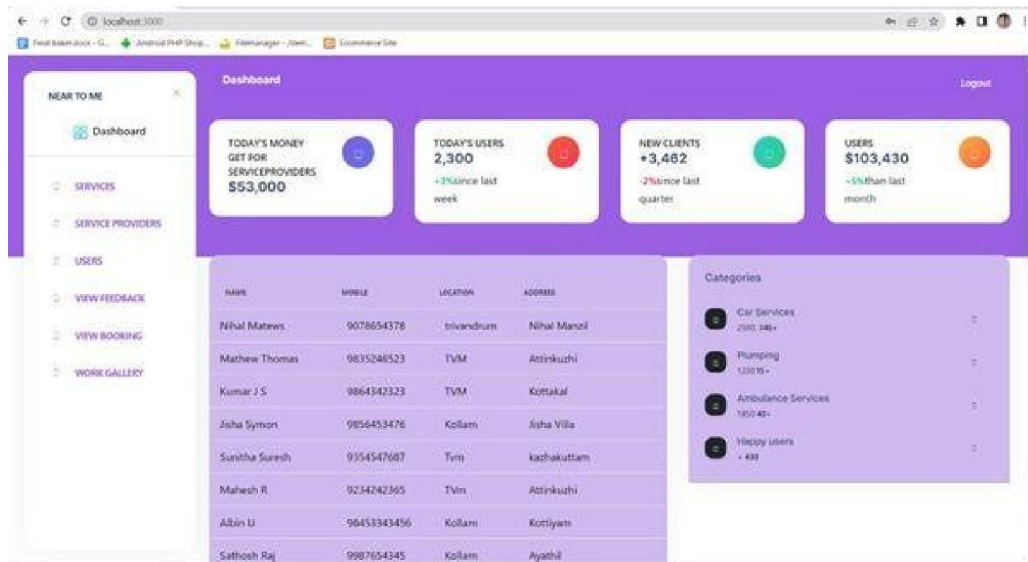


Figure 1: Admin Dashboard

VI. CONCLUSION

The "Service Providing Online Platform Near to Me" project emerges as a promising solution for simplifying the process of locating nearby service providers. By leveraging location-based services and advanced technologies, the project aims to bridge the gap between service seekers and providers, fostering a mutually beneficial ecosystem. Integration with social media: Integrating with social media platforms can allow users to share their experiences with friends and family, providing additional exposure for the services listed on the website. Integration with loyalty programs: Allow users to earn loyalty points or rewards for using the services listed on the website, which can incentivize repeat business and encourage users to choose the listed services over competitors.

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