ABSTRACT

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NearbyNexus

The project is a location-based service providing application that utilises the user's local location to connect them with available services, ranging from small-scale to large-scale providers. The application caters to users who are in a new town or city and need to contact service providers like taxi drivers, tailors, lawyers, labour and more, without having their contact information readily available. The platform accommodates both individual service providers and organizations.

Users
- Admin
  - Manages and moderates the users and services of the application.
- Normal users
  - These are the users who receive the services from the vendors.
- Vendors
  - Provides services.

Functionalities:

Mini project functionalities

1. Service creation and management

- **Authentication with email or mobile number verification.**
  - Users and service providers can securely access the application with individual authentication credentials, ensuring privacy and data security
- **Service Creation.**
  - Service providers can create and register their services within the application.
  - They provide necessary details and descriptions about their services, enabling users to make informed decisions.

- **Payment Integration.**
  - Users can make secure and convenient payments through the application after receiving services.
  - This feature eliminates the need for cash transactions and provides a seamless payment experience.
- **Service searching.**
  - This enable efficient searching of the services that are needed by the users.

- **Rating and Review System & Feedback System**
  - Users can rate and provide feedback's for the vendors after service is complete.

2. Fetching and displaying vendors based on local location

- ◆ This include determining the current location of the normal user and the vendors and displaying the vendors to users.

3. Connecting with the vendors
- ◆ After finding the suitable service provider users can connect with the service providers.

Main project functionalities

4. Service Request Broadcast:
- ◆ Users can broadcast their service needs to service providers in the local area.
- ◆ Interested service providers can directly contact the users to offer their services.

5. Map Integration & live tracking
- ◆ Integrate maps to display the user's location, service provider locations, and provide navigation features to help with navigation.

6. In-App Messaging:
- ◆ Users can communicate directly with service providers through an in-app messaging feature.
- ◆ This enables users to ask questions, clarify details, or discuss service requirements.
- ● **Share location**
  - ➢ Users can share their location with the service provider if needed.

7. Subscriptions
- ◆ Allow users to subscribe to notifications that inform them when their preferred service providers become available. This ensures users are promptly informed of relevant updates.
- ◆ Users receive notifications about promotional offers from service providers within their locality.
- ◆ This helps users stay updated on discounts or special deals and encourages engagement with service providers.

8. Service calender
- ◆ Vendors can add their service calender. This calender shows the days where they are available for work. And their busy days.

9. Bookings
- ◆ Users can book the services based on the calender of the vendors. This will also allow users to early book the service.

10. Offline Mode:
- ◆ Users can save contact information for specific service providers to use later, even when offline. This feature enables access to essential details in areas with limited or no internet connectivity

11. Reporting and referals
- ● **Report**
  - ◆ Users can report about any misbehavior or any other activity performed by the vendors. Which completely hidden from the vendors
  - ◆ This application also enable the service providers to give feedback on the users.
- ● **User Referrals**
  - ◆ This enables the users to refer their favourite vendors to their contacts.

The project aims to create a user-friendly and feature-rich experience, connecting users with service providers based on their geographical location. By incorporating these functionalities, the application facilitates efficient and convenient service provision while enhancing user satisfaction and engagement