

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

“JnanaSangama”, Belgaum -590014, Karnataka.



PROJECT WORK-3 REPORT on

City Guide

Submitted by

P Sai Deekshith (1BM18CS148)

Ankit Kesar(1BM18CS150)

Pramod D Y (1BM19CS405)

Under the Guidance of

Prof. Pooja S

Assistant Professor, BMSCE

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING



B.M.S. COLLEGE OF ENGINEERING

(Autonomous Institution under VTU)

BENGALURU-560019

Sep-2020 to Jan-2021

B. M. S. College of Engineering,
Bull Temple Road, Bengaluru 560019
(Affiliated To Visvesvaraya Technological University, Belgaum)
Department of Computer Science and Engineering



CERTIFICATE

This is to certify that the project work entitled “**City Guide**” carried out by **P Sai Deekshith (1BM18CS148), Ankit Kesar (1BM18CS150), Pramod D Y (1BM19CS405)** arebonafide students of **B. M. S. College of Engineering**. It is in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visveswararajah Technological University, Belgaum during the year 2020-2021. The project report has been approved as it satisfies the academic requirements in respect of **Project Work-3 (20CS5PWPW3)**work prescribed for the said degree.

Signature of the Guide
Prof. Pooja S
Assistant Professor, Dept. of CSE
BMSCE, Bengaluru

Signature of the HOD
Dr. Umadevi V
Associate Prof.& Head, Dept. of CSE
BMSCE, Bengaluru

External Viva

Name of the Examiner

Signature with date

1. _____

2. _____

B.M.S. COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



DECLARATION

We, P Sai Deekshith (1BM18CS148), Ankit Kesar (1BM18CS150), Pramod D Y (1BM19CS405) students of 5th Semester, B.E, Department of Computer Science and Engineering, B. M. S. College of Engineering, Bangalore, hereby declare that, this Project Work-3 entitled "City Guide" has been carried out by us under the guidance of Dr. Umadevi V, Associate Professor, Department of CSE, B. M. S. College of Engineering, Bangalore during the academic semester Sep-2020-Jan-2021

We also declare that to the best of our knowledge and belief, the development reported here is not from part of any other report by any other students.

Signature

P Sai Deekshith (1BM18CS148)

Ankit Kesar (1BM18CS150)

Pramod D Y (1BM19CS405)

1. INTRODUCTION

1.1 Overview

City Guide is a mobile application under android platform that is developed for local and new residents of the city which helps the user to view different places within the city and assists in searching for hotels, restaurants, movie halls and other categories. The application comforts a people in a city by showing information of all the nearby sites that can be used for public access. This application also gives the privilege to the people or owners to add their business locations such as restaurants, shops etc inorder to promote their business. The ratings given by the people helps in deciding the best place of their choice.

This application basically includes two main modules:

- First module is the user module where the user can be a local or new resident of the city and he can view the places within the city such as shops, hotels etc.
- Second module is the owner module where the owner can add his business locations so that it can be viewed by other people inorder which in turn helps him to grow his business.

1.2 Motivation

The main motivation for developing this mobile application is to help local and non local residents of the city to view different categories of places in the city such as hotels, restaurants, shop, movie halls etc and can also view the featured locations of the city.

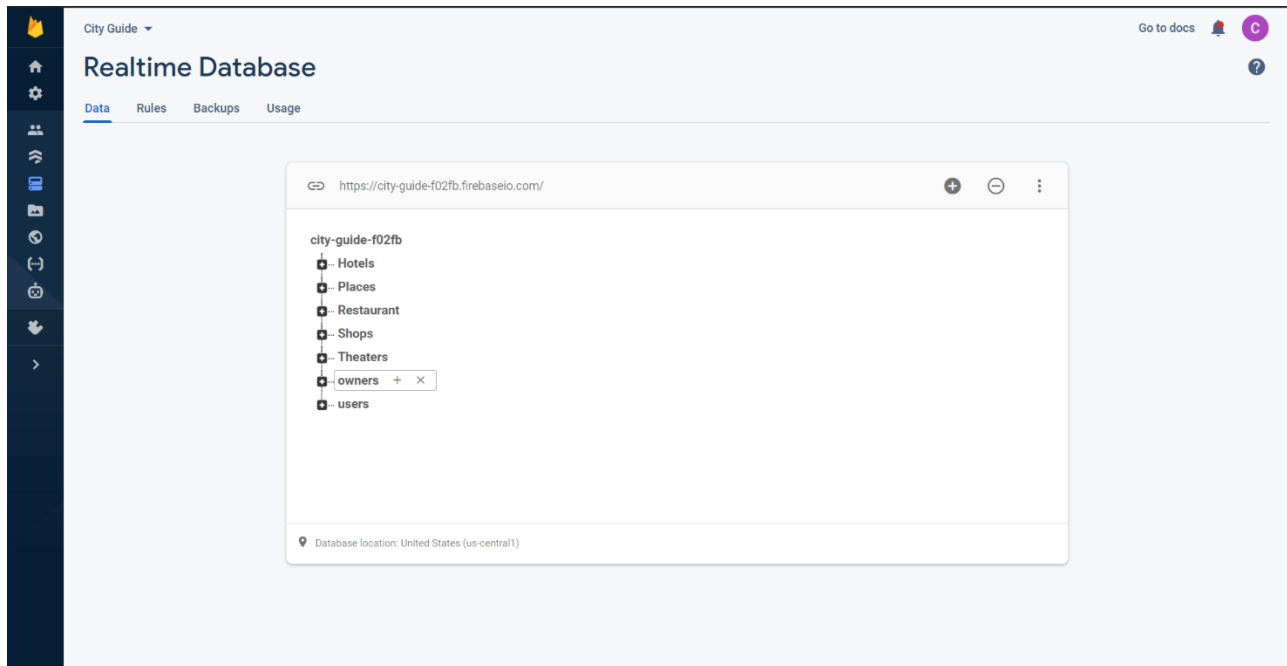
One of the other motivation is to help the owners to add their business locations which can be viewed by the users of the application and this in turn promotes their business. The ratings of the places can help the people mainly the new residents of the city to select the best place under a category of his choice.

2. OBJECTIVES

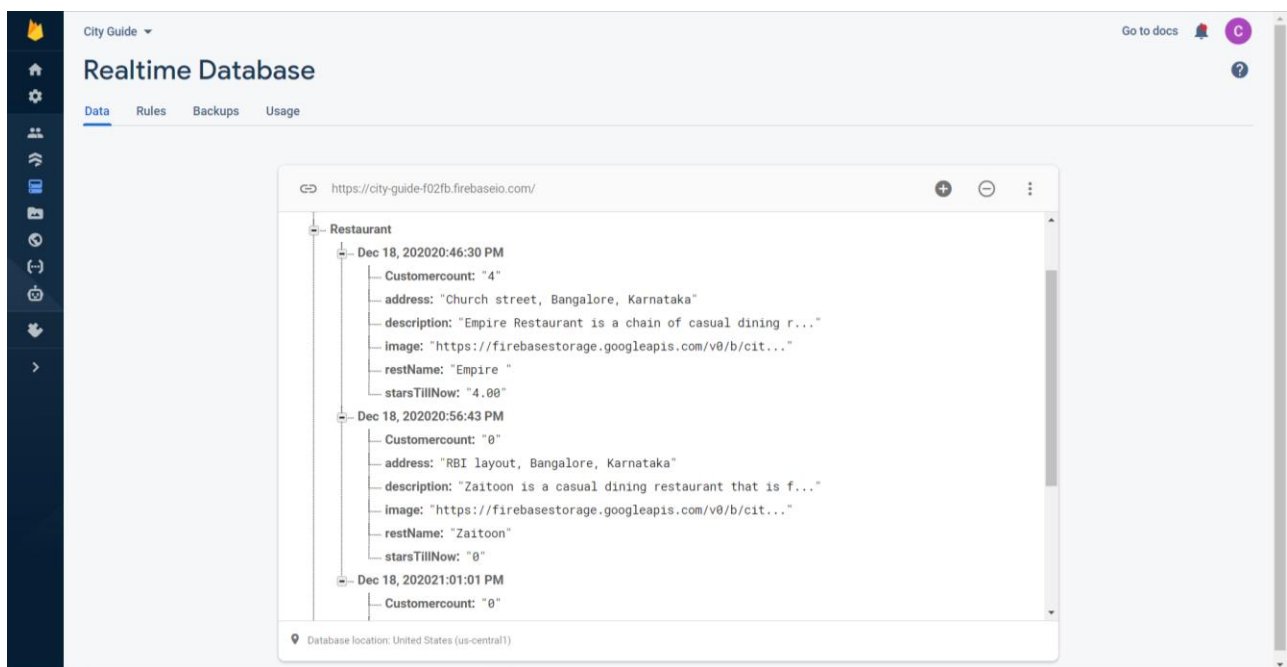
- Enable users to navigate places within the city easily, for example to hotels, tourist sites, banks and shopping places
- Provide list of service providers with their service .In case of hotels, with a short description and the address.
- Enable owners to add their places inorder to promote their business.

3. DATABASE

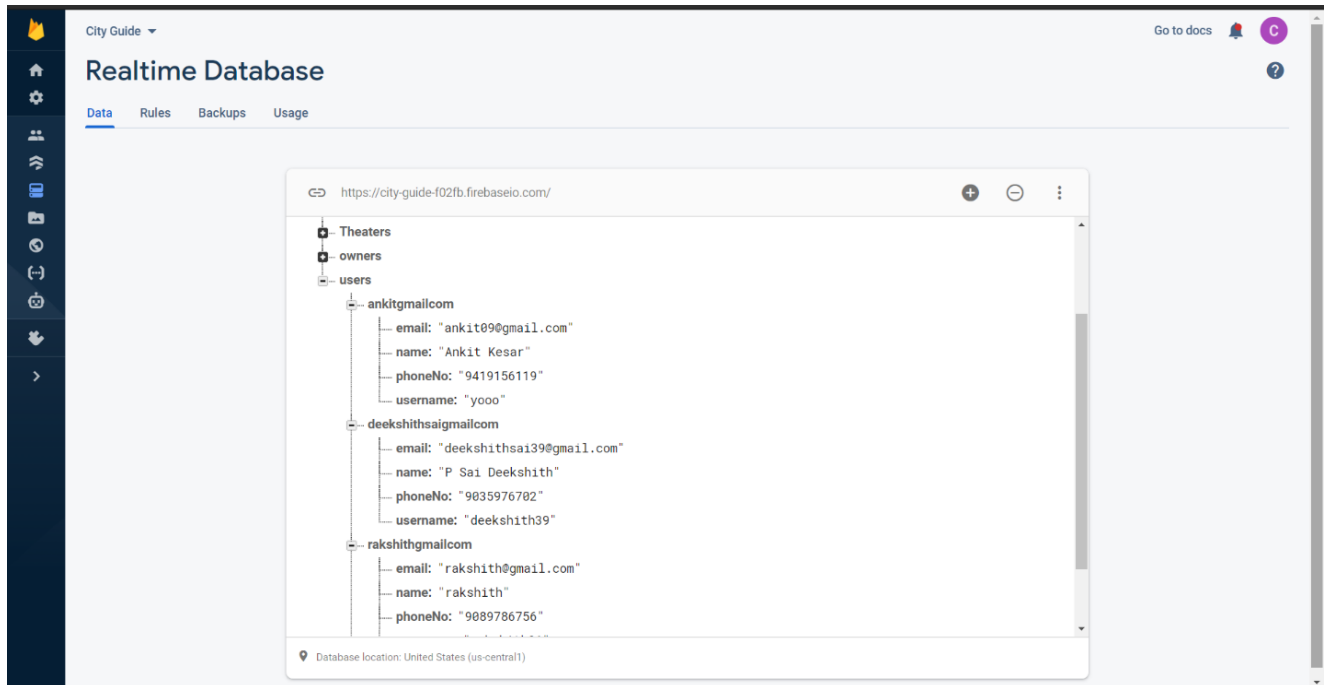
We are using the firebase Real Time database for our application, it has following tables



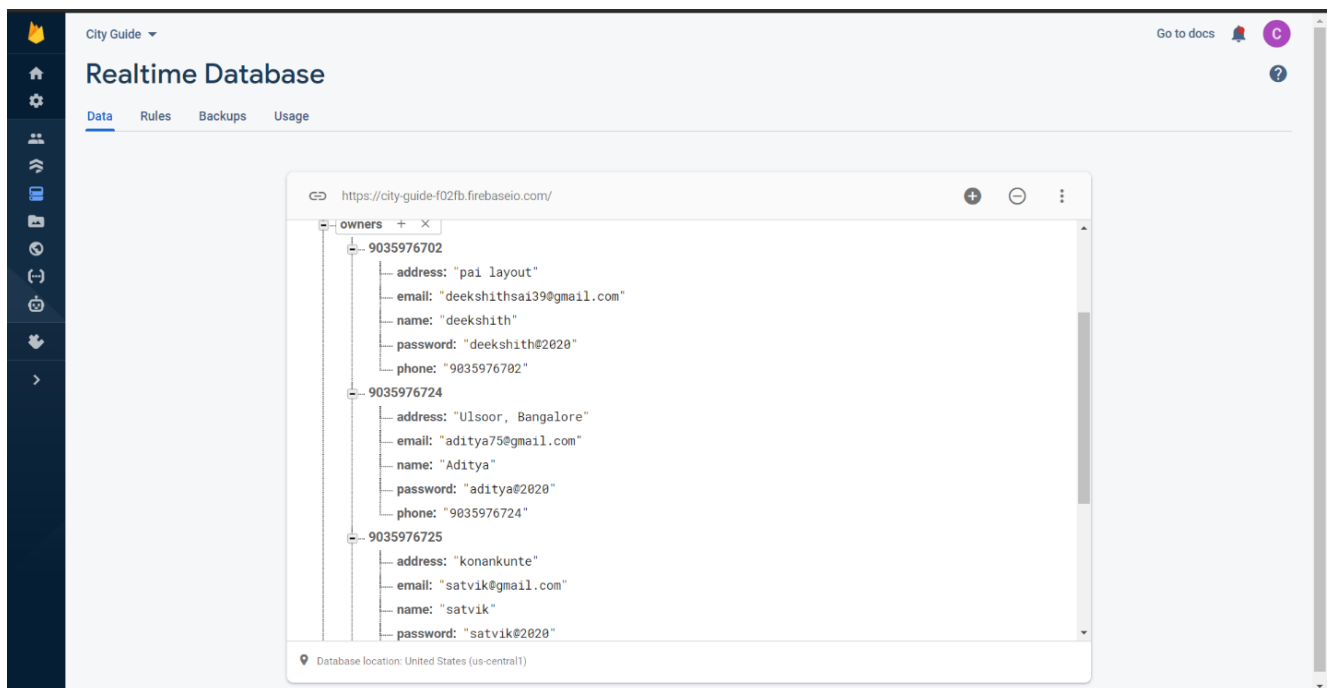
Restaurant Entries



Users table:



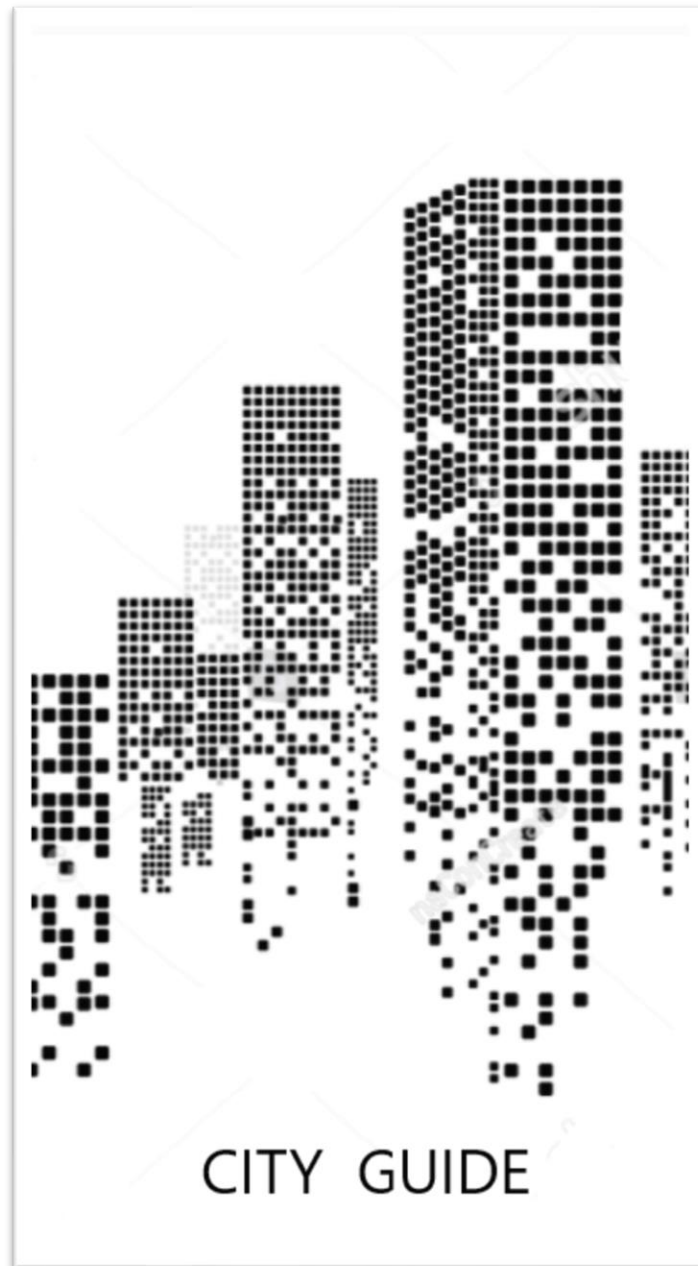
Owners table:



4. Design Layouts: Screen Shots of Mobile App

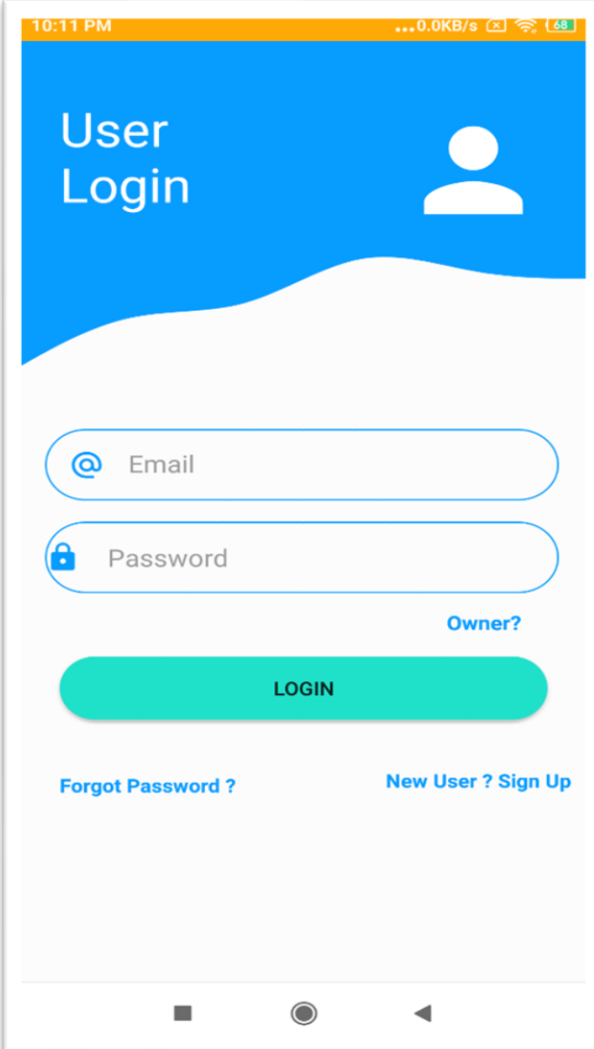
The Splash is opening page of our application.

Splash Screen:



User Login page:

The first page of our application provides the user to either login as a customer, or as a owner

A mobile application login screen. At the top, a blue header contains the text "User Login" and a white user icon. Below the header, there are two input fields: "Email" with an @ icon and "Password" with a lock icon. To the right of the password field is a link "Owner?". Below the input fields is a large green "LOGIN" button. At the bottom, there are two links: "Forgot Password ?" on the left and "New User ? Sign Up" on the right. The screen is framed by a white border with a status bar at the top showing "10:11 PM" and a navigation bar at the bottom with three icons.

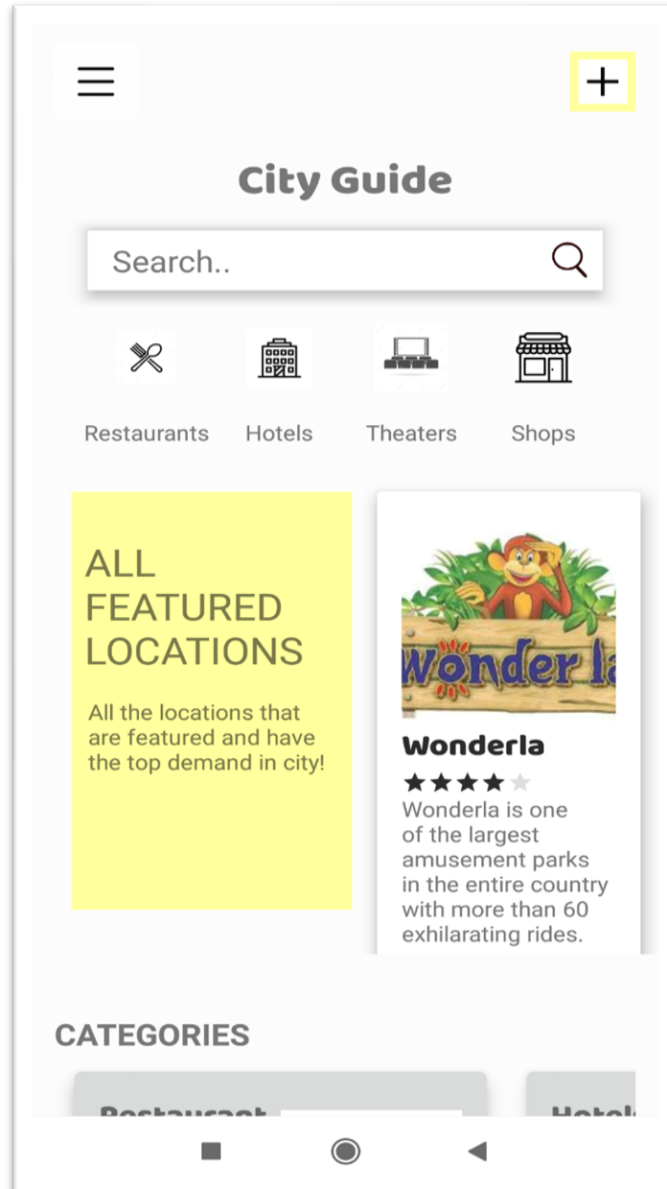
He/she can use Forgot Password Feature incase he don't remember his/ her login info

If anyone is new in our application he can sign up from this page

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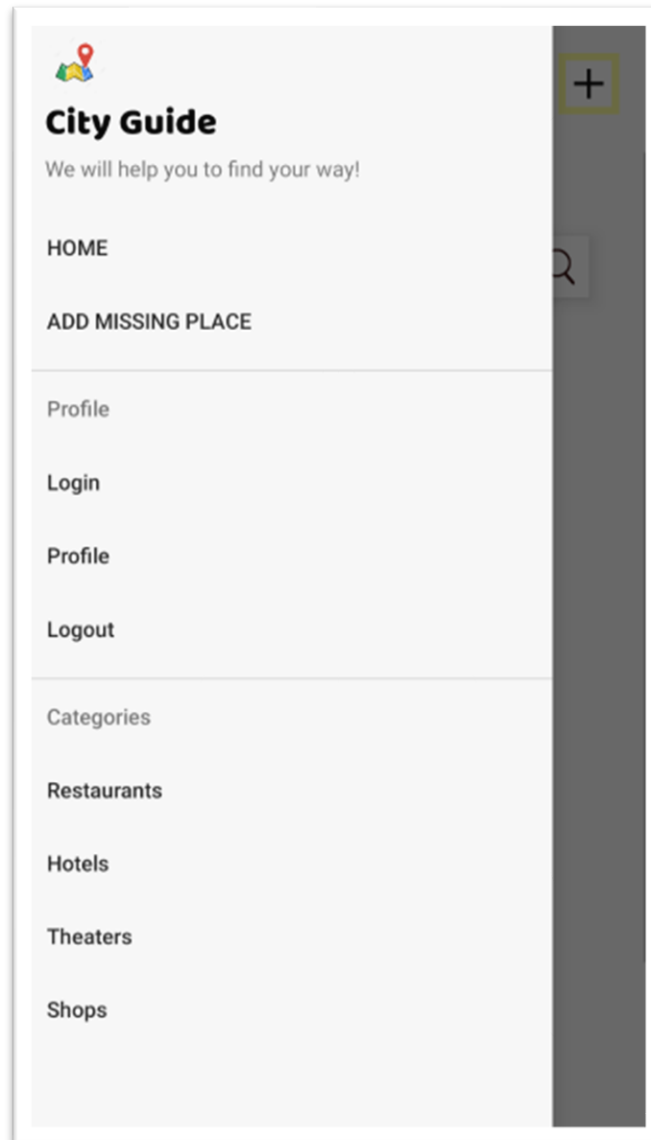
User Dash Board Page:

This is main Page of our application it connects whole application
From here user can navigate the hotels, restaurants , Theater or shops
registered on our application.



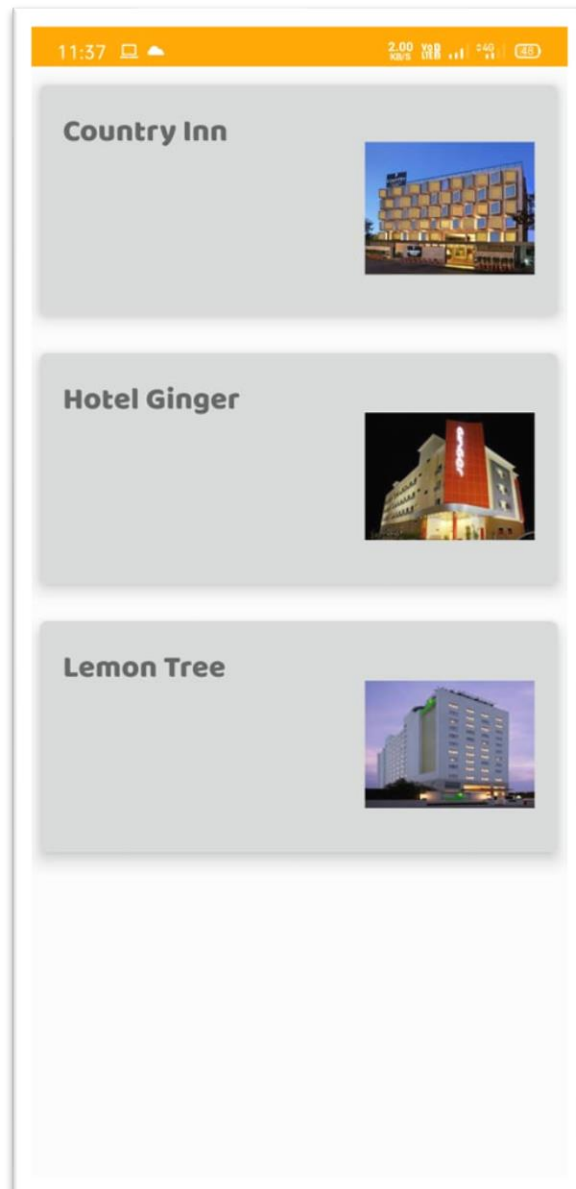
Navigation bar:

This our navigation bar from here he/she can go to desired feature

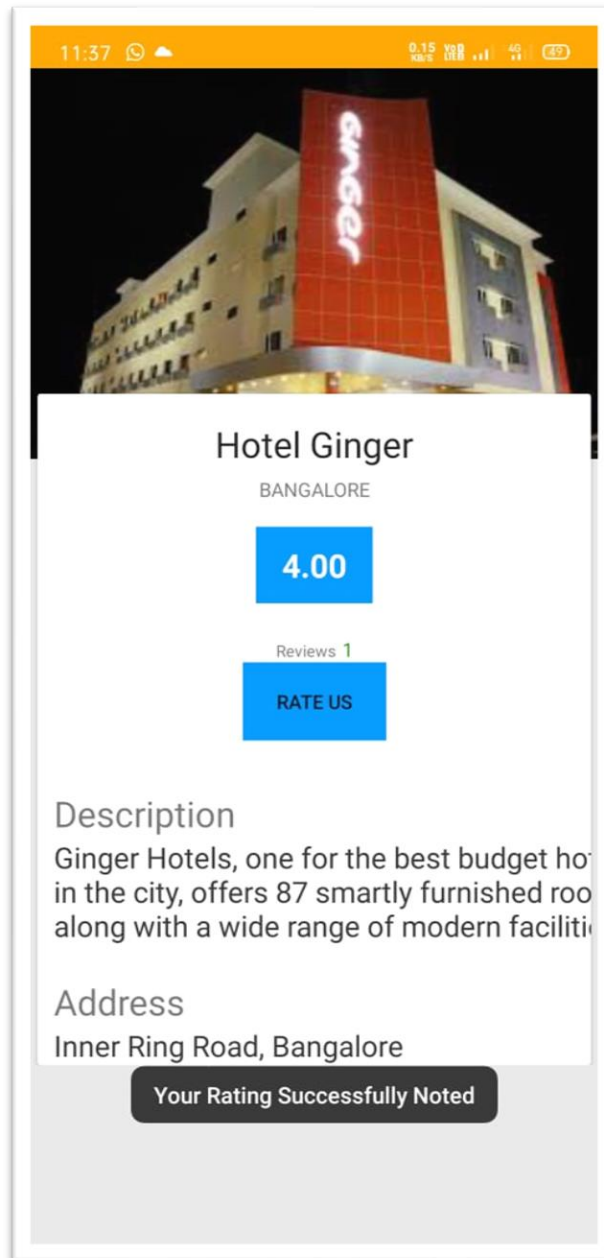


Category List View:

This is the List view of Restaurants available in the city . User can get to know about their services and reviews of other customer



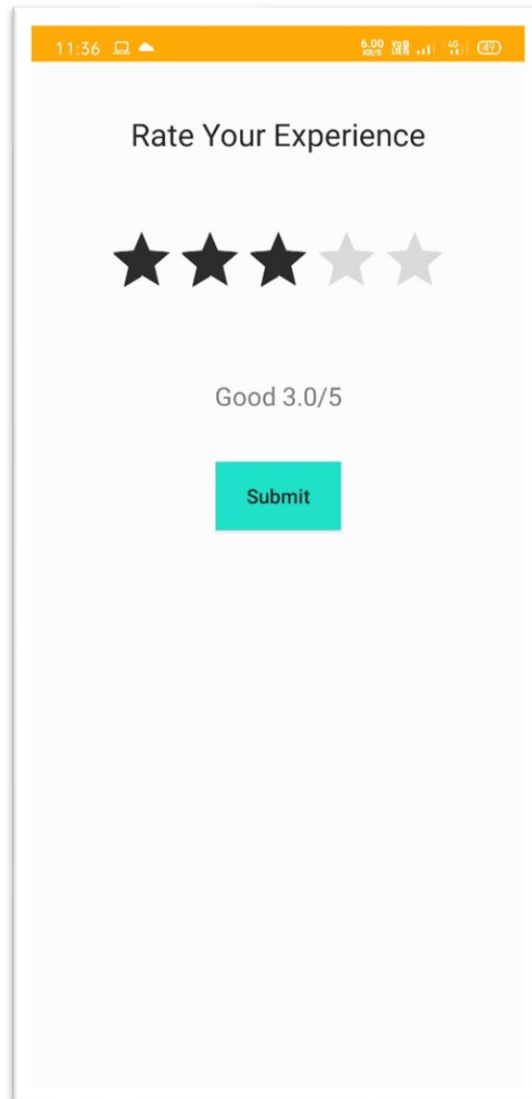
Category Details Page:



Here user can see the reviews of the Hotels, restaurant or shops and select the desired place to spend time. Also after using the services user can give the reviews on this place

Category Review Page:

This is our rating bar system here customer after using there services can give the rating so it would be helpful for other customer to select the place accordingly

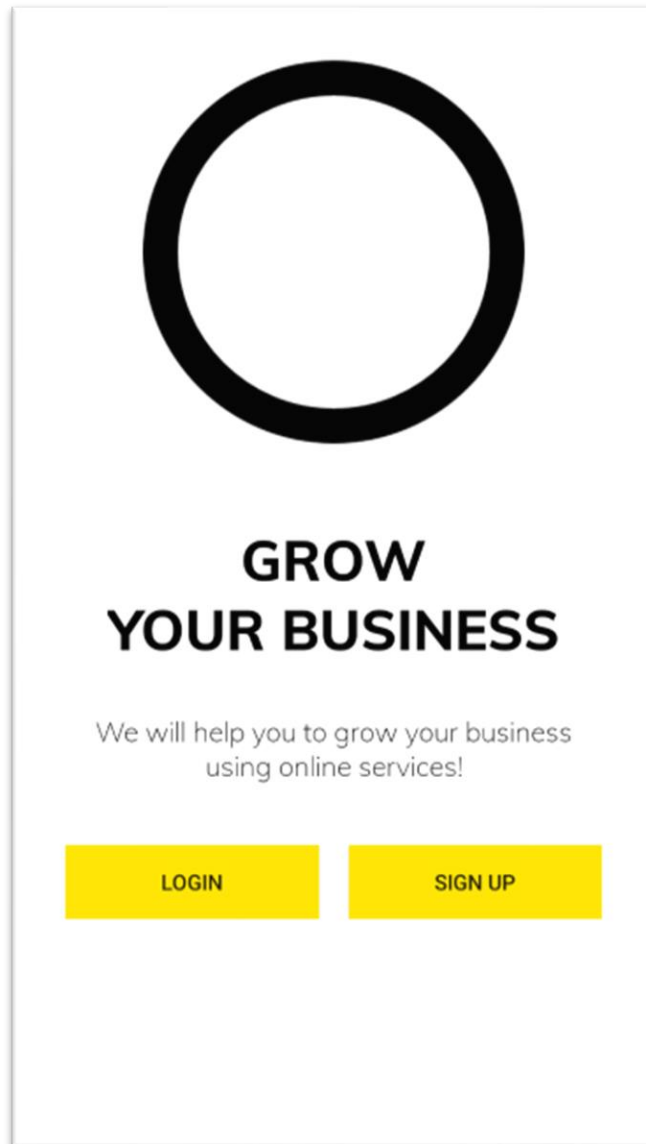


The image shows a mobile application interface for a review system. At the top, there is an orange status bar with the time 11:36, a battery level of 68%, and various connectivity icons. Below the status bar, the title "Rate Your Experience" is centered. Underneath the title, there are five stars; the first three are filled black, and the last two are empty grey. Below the stars, the text "Good 3.0/5" is displayed. At the bottom of the form, there is a teal-colored button with the word "Submit" in white text.

All other categories(Shops, theaters, hotels) will have the same view similar to this.

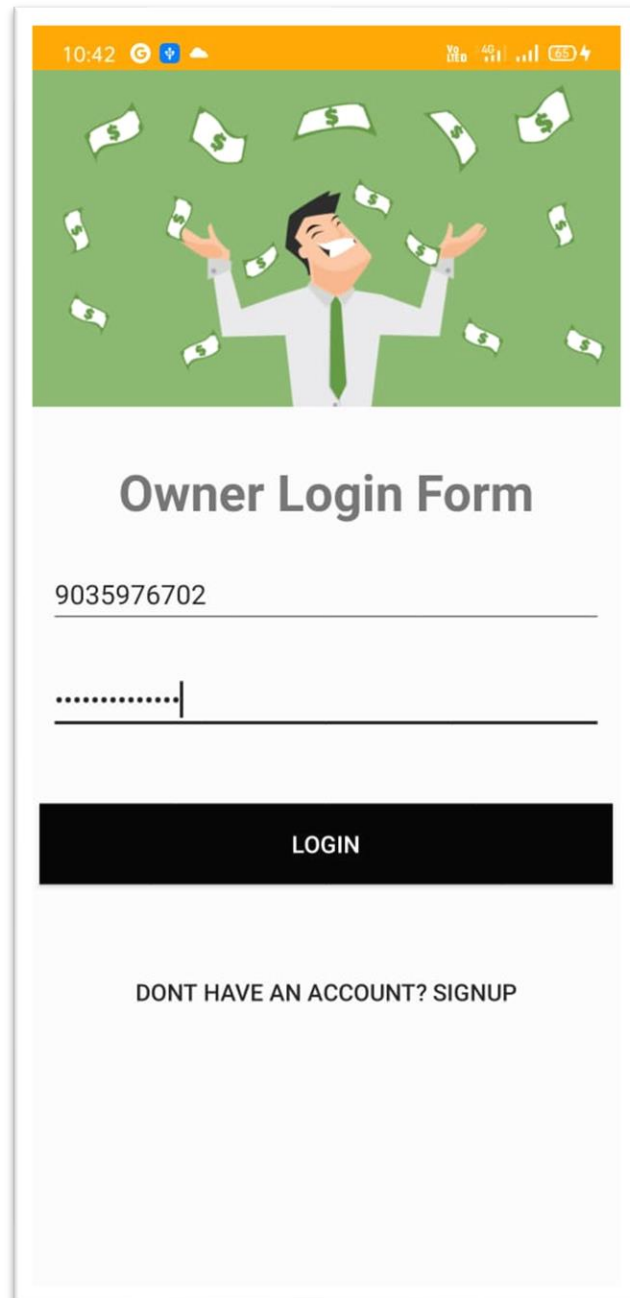
Owner Startup Page:

Also there is one more feature of our app. Here owner can register there place in our applications. For now only Hotels, restaurants ,shops and theater are available



Owner Login Page:

This is owner login page



A mobile app mockup for an owner login page. The top status bar is orange with the time 10:42, a Google logo, a blue 'v' icon, a cloud icon, and signal/battery indicators. Below the status bar is a green banner featuring a cartoon man in a white shirt and green tie, smiling with his arms raised as money bills fall around him. The main content area is white and contains the title 'Owner Login Form' in bold. Below the title is a text input field containing the number '9035976702'. Underneath that is a password input field represented by a series of dots and a cursor. A black rectangular button with the word 'LOGIN' in white capital letters is positioned below the password field. At the bottom of the form, the text 'DONT HAVE AN ACCOUNT? SIGNUP' is displayed in all caps.

10:42 G v cloud 4G LTE

Owner Login Form

9035976702

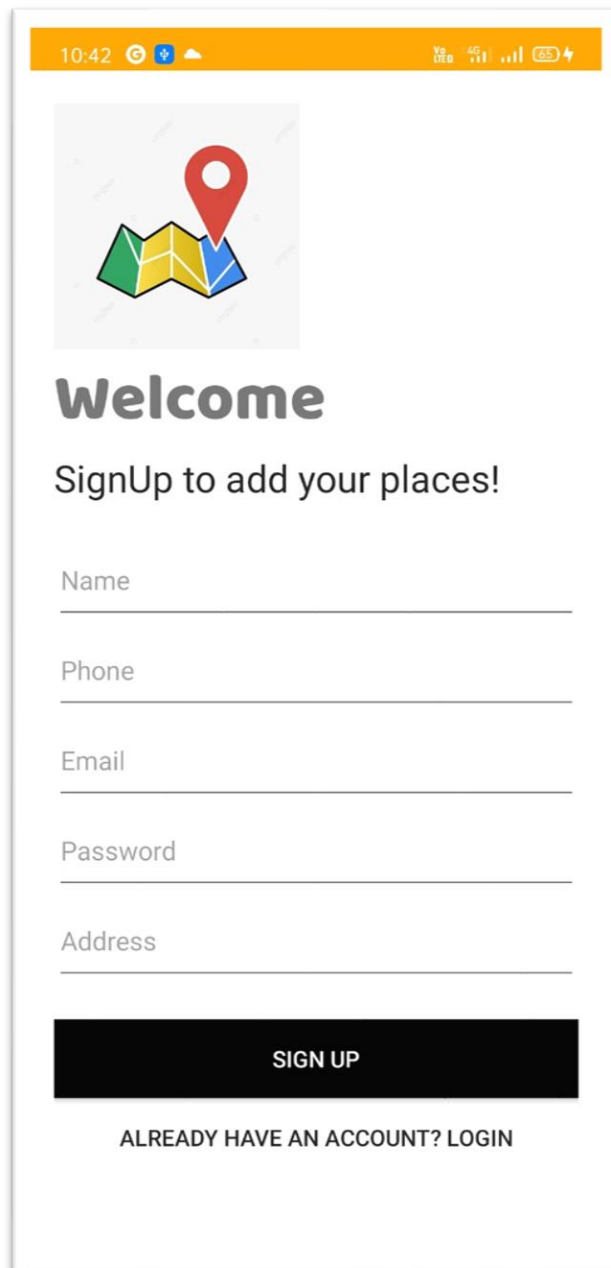
.....|

LOGIN


DONT HAVE AN ACCOUNT? SIGNUP

Owner Signup Page:

If someone is new to our application he can use this page to register.

A mobile application interface for owner signup. At the top is an orange status bar with the time 10:42, a Google logo, a blue plus icon, a cloud icon, and various system icons (signal, 4G, battery). Below the status bar is a square icon featuring a stylized map with green, yellow, and blue sections, and a red location pin. The text "Welcome" is displayed in a large, bold, dark grey font. Below it, the text "SignUp to add your places!" is shown in a smaller, dark grey font. There are five input fields with labels: "Name", "Phone", "Email", "Password", and "Address". Each label is positioned to the left of a horizontal input line. Below the input fields is a large black button with the text "SIGN UP" in white, uppercase letters. At the bottom of the form is a link that says "ALREADY HAVE AN ACCOUNT? LOGIN" in dark grey, uppercase letters.

10:42 G + ☁ 4G 100% 🔋



Welcome

SignUp to add your places!

Name

Phone

Email

Password

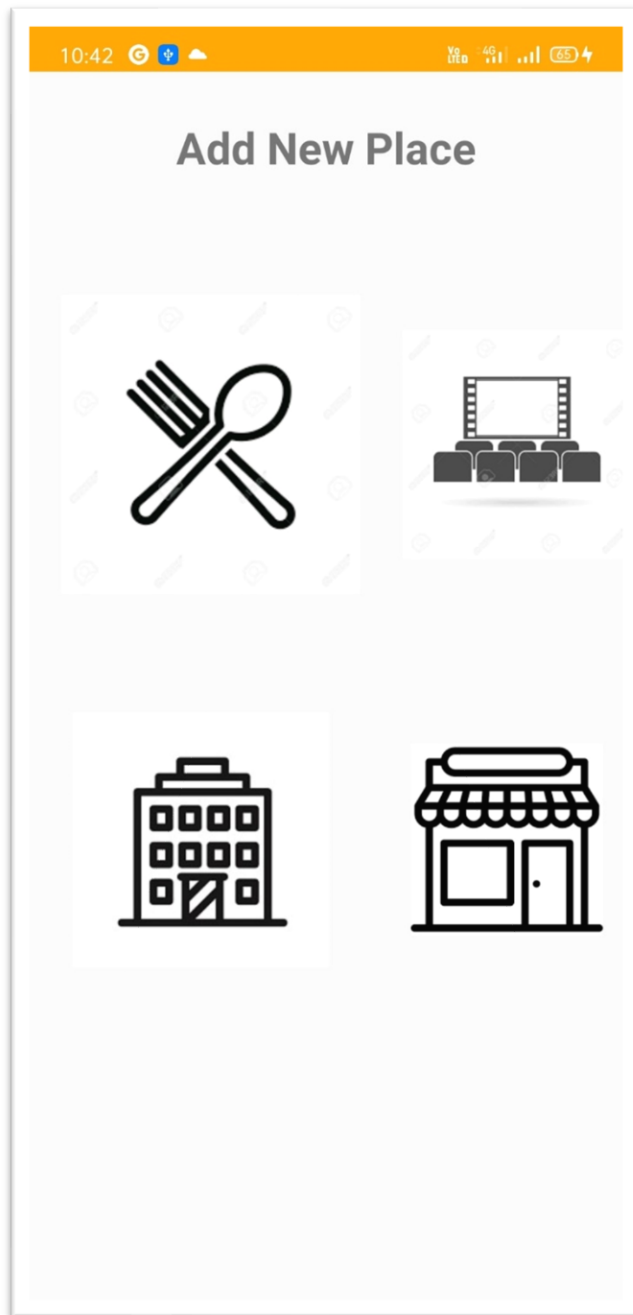
Address

SIGN UP

ALREADY HAVE AN ACCOUNT? LOGIN

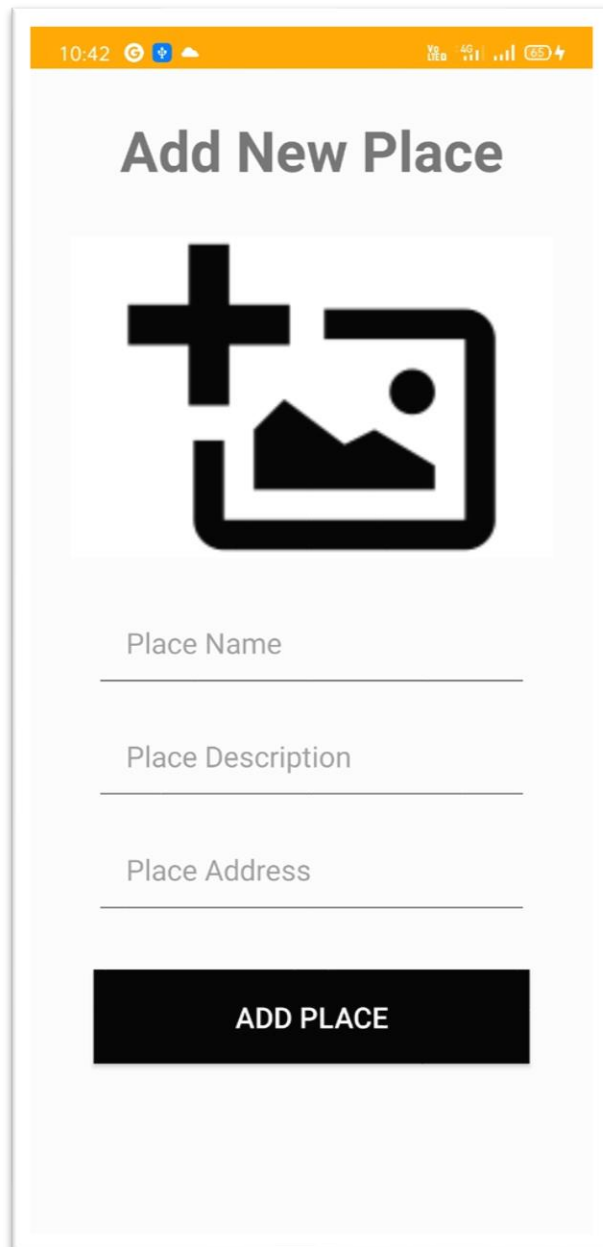
Owner Dashboard:

This is owner dashboard here he can select the type of place and upload his/her place info.



Owner Place Insertion Page:

Here he can add the details about the place ,after adding all the info he/she has successfully inserted their place in our application.



The image shows a mobile application interface for adding a new place. At the top, there is an orange status bar with the time 10:42, a location icon, a battery icon, and a signal strength indicator. Below the status bar, the title "Add New Place" is displayed in a large, bold, black font. Underneath the title is a large, stylized black icon representing a location pin with a plus sign inside a square frame. Below the icon are three text input fields, each with a label and a horizontal line for text entry: "Place Name", "Place Description", and "Place Address". At the bottom of the form is a large, black rectangular button with the text "ADD PLACE" in white, bold, uppercase letters.