**Mobile Application Development**

**Project: Personal Restaurant Guide**

**Group #80**

**Group Members**

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**Project Description**

*Personal Restaurant Guide* is a mobile application designed to cater to the needs of food enthusiasts, travelers, and anyone who loves to dine out. The application's primary goal is to help users discover, document, and share their restaurant experiences effortlessly. Targeted at Android users, it's a user-friendly solution that makes exploring and rating restaurants a delightful experience.

**For Whom?**

* Food Lovers: Those who enjoy discovering and savoring new culinary experiences.
* Travelers: People exploring new places and seeking the best local eateries.
* Social Sharers: Users who like to share their food adventures with friends and family.
* Anyone who dines out: For everyone looking to remember and rate their favorite restaurants.

**The Problem it Solves.**

* **Organized Restaurant Tracking:** Our application makes it easy for users to manage their restaurant visits. It provides a structured way to store restaurant details.
* **Ratings and Reviews:** Users can rate their dining experiences using a simple 1–5-star system and leave reviews. This helps them recall and share their favorites.
* **Exploration:** With the ability to search for restaurants by name or tags, users can explore new dining options.
* **Maps and Directions:** The app allows users to locate restaurants on a map and get directions to them.
* **Sharing:** Users can share restaurant information with friends through email and, for those looking for bonuses, Facebook, and Twitter.

**How It's Done**

* **Restaurant Information:** Users can easily add, edit, or remove restaurant details like name, address, phone numbers, description, and tags.
* **Ratings and Reviews:** Restaurants can be rated on a 1–5-star scale.
* **Maps and Directions:** The app integrates Google API to display restaurant locations on the map and provide directions.
* **Sharing:** Users can share restaurant details via email and optionally through social media like Facebook and Twitter.
* **Search and Listing:** The application provides search functionality by name and tags. It maintains a list of stored restaurants.
* **Details Screen:** Selecting a restaurant from the list presents users with a Details screen containing comprehensive information.
* **Team Information:** An About screen lists the names of all team members.
* **Splash Screen:** The app starts with a welcoming Splash screen, featuring its logo.

The *Personal Restaurant Guide* simplifies the way users manage their dining experiences, keeping them organized and easily accessible, while also facilitating sharing with friends. It's the perfect companion for all those who are passionate about food and love to explore new tastes.

Top of Form

Bottom of Form

A screenshot of a menu

Description automatically generated

**Home Page:**

* Introduces the app’s name.
* Welcomes the user.
* Displays two buttons:
  + 1st button takes the user to add restaurant page, where they can add restaurants and be saved in a list.
  + 2nd button takes the user to view added restaurants.

A screenshot of a restaurant menu

Description automatically generated

**Add Restaurant Page:**

* Takes three inputs:
  + Restaurant name
  + Location
  + Description
* Displays two buttons:
  + 1st button allows the user to upload an image of the restaurant.
  + 2nd button allows the user to add the restaurant to their list.
* Displays rating stars allowing user to rate the restaurant.

A screenshot of a phone

Description automatically generated

**List of Restaurant Page:**

* Displays restaurant information:
  + Restaurant picture if available.
  + Restaurant Name.
  + Restaurant Location.
  + Restaurant Rating.
* Displays a Share button allowing user to share restaurant information with friends and family.
* Takes user to details page by clicking on restaurant name.

A screenshot of a phone

Description automatically generated

**Restaurant details Page:**

* Displays restaurant information:
  + Restaurant picture if available.
  + Restaurant Name.
  + Description that was entered by user while adding restaurant.
  + Restaurant Rating.
* Displays reviews from people.