User Manual for the Restaurant Recommendation App

User manual for the Restaurant Recommendation App is essential to help users navigate and utilize its features effectively. Below is a structured user manual based on the app's functionalities.

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1. Introduction

- **Purpose**: The Restaurant Recommendation App helps users find restaurant recommendations based on their preferred cuisines, locations, and ratings. It also provides a map view of restaurant locations and a chatbot for cooking-related queries.

2. System Requirements

- **Operating System**: Windows, macOS, or Linux

- **Browser**: Latest version of Chrome, Firefox, or Safari

- **Internet Connection**: Required for accessing online features and the chatbot.

3. Installation Instructions

- **Step 1**: Download the app from the repository.

- **Step 2**: Unzip the downloaded file and navigate to the app directory.

- **Step 3**: Run the app using a Python environment with the required libraries installed (e.g., Streamlit, Pandas, Google Generative AI).

4. User Interface Overview

- **Main Title**: Displays the app name and theme.

- **Sidebar**: Contains navigation options for different pages: Recommendations, Map, and Chatbot.

- **Content Area**: Displays the main features and information based on the selected page.

5. Features and Functions

Recommendations

- **Search Options**: Users can input their preferred cuisines, select a location, and set a rating range.

- **Get Recommendations Button**: After entering the search criteria, users can click this button to view restaurant recommendations.

- **Display**: Recommendations are shown with details such as restaurant name, cuisines, rating, location, and average cost.

Map

- **Restaurant Locations**: Users can view the locations of restaurants on a map based on the selected city.

- **Details**: Selecting a restaurant from the dropdown will display its details, including cuisines and ratings.

Chatbot

- **Ask a Question**: Users can enter cooking-related questions in the input field.

- **Response**: The chatbot provides answers based on the user's query using Google Generative AI.

6. Troubleshooting

- **No Recommendations Found**: If no recommendations appear, try adjusting the cuisine or rating filters.

- **Map Not Displaying**: Ensure that the dataset includes latitude and longitude information.

- **Chatbot Not Responding**: Check your API key and ensure it is entered correctly.

7. FAQs

- **Q: How do I reset my search?**

  - A: Simply clear the input fields in the Recommendations section and re-enter your criteria.

- **Q: Can I use the app offline?**

  - A: No, an internet connection is required for accessing the chatbot and online features.

Conclusion

This user manual provides a comprehensive guide to using the Restaurant Recommendation App. By following the instructions and utilizing the features, users can enhance their dining experience and make informed decisions about where to eat.