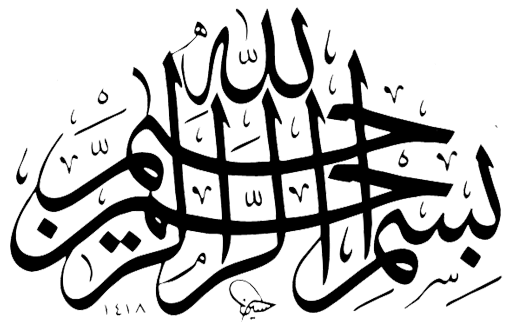


Documentation

Date : 19-Mar-2024



**Fourth Semester (E-Project)**

**The City Guide Mobile App**

# Acknowledgement

*Thanks to Almighty Allah, The most Beneficial and The most merciful, Who gave us mind to think and Heart to feel creativity & creation depends on thinking*

*With His Grace & Mercy for giving us strength and ability to make us complete this Project. I would like to express our gratitude and appreciation to all those who gave us the possibility to complete this project, a special thanks to my teacher.*

*Sir Asad Ali, Who’s help, stimulating suggestions & encouragement, helped us to coordinate in our project. We would also like to express our deepest gratitude to our beloved parents whose well wishes enabled us to transform our dream & thought into a reality.*

*We hereby presenting project in titled* “The City Guide mobile app” *in your hands.*

*We have tried our best to take all relevant and important topics in consideration so that this project May become more effective & a better outlook to come. We earnestly hope that this project will provide all the necessary information required for the user to fulfill their requirement. However, suggestion for improvement of the project will be thankfully acknowledge.*

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### Introduction

The City Guide mobile app is a digital platform designed to provide residents and tourists with valuable information and recommendations for exploring and enjoying a specific city. It serves as a user-friendly, all-in-one solution for discovering local attractions, restaurants, events, accommodations, and more. The app leverages the power of mobile technology to enhance the city exploration experience and make it more accessible to a wide range of users.





### Functional Requirements

**User Registration and Authentication:**

**Functional Requirements-**

**User Registration and Authentication:**

a. Users can create accounts.

b. Users can log in securely to access personalized features and settings.

c. Password reset option should be available.

**City Selection:**

a. Users can browse and select a city from a list of available cities.

b. The app provides information about each city, including descriptions and images.

**Attraction Listings:**

a. The app displays a list of popular attractions, restaurants, hotels, and events in the selected city.

b. Users can filter and sort attraction listings based on categories and ratings.

c. Each listing includes the attraction's name, image, description, contact information, opening hours, and user ratings.

**Detailed Information:**

a. Users can view detailed information about each attraction by tapping on a listing.

b. Detailed information includes additional images, location on the map, user reviews, and a link to the attraction's website.

**Maps and Directions:**

a. The app provides an integrated map with markers for attractions.

b. Users can get directions to an attraction from their current location.

**User Reviews and Ratings:**

a. Users can leave reviews and ratings for attractions they have visited.

b. Reviews should include text comments and star ratings.

c. Users can like helpful reviews.

**Search Functionality:**

a. Users can search for specific attractions, restaurants, or events by name or keywords.

b. The app provides search filters to help users find what they're looking for.

**User Profile and Preferences:**

a. Users can view and edit their profiles, including their name, profile picture, and contact information.

b. Users can set their preferences, including their favorite attractions and notification settings.

**Admin Dashboard:**

a. An admin dashboard should be available to manage attraction listings, reviews, and notifications.

b. Admins can add, edit, or remove attractions, events, and other content.

**Non-Functional Requirements-**

**Responsiveness:** The app should respond to user interactions within 1-2 seconds, ensuring a smooth and lag-free experience.

**Loading Time:** The app's initial loading time should be minimized to ensure users can access it quickly.

**User Interface:** The app's user interface should be intuitive, following best design practices for mobile apps to ensure ease of use.

**Accessible:** The application should have clear and legible fonts, user-interface elements, and navigation elements.

**User-friendly:** The application should be easy to navigate with clear menus and other elements and easy to understand.

**Operability:** The application should operate in a reliably efficient manner.

**Error Handling:** Implement robust error handling to provide clear error messages to users and gracefully handle unexpected situations.

**Scalability:** The application architecture and infrastructure should be designed to handle increasing user traffic, data storage, and feature expansions.

**Security:** The application should implement adequate security measures such as authentication. For example, only registered users can access certain features.

**User Documentation:** Provide user guides, FAQs, and tutorials to help users understand and navigate the application.

**Developer Documentation:** Maintain developer documentation to assist in further development and maintenance.

**Video:** Provide video displaying complete working of the application.

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### Our Team

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|  |  |  |
| *Student Id* | *Name* | *Work* |



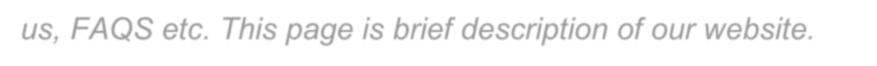
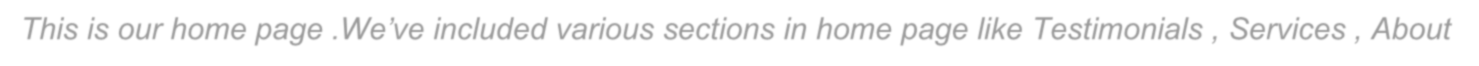
|  |  |  |
| --- | --- | --- |
| Student1342000 | Sidra Amjad | Mobile App Designer /Documentation |
| Student1364078 | Muhammad Jihad Ejaz | Frontend |
| Student1359428 | Muhammad Hussain | Backend |

**FRONT-END SECTION**

**Code Snippets And Screenshots Of Our Website’s UI Are Found In This Section**

#### Home

*This is our home page .We’ve included various sections in home page like Testimonials , Services , About us, FAQS etc. This page is brief description of our website.*



#### Code Snippets



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