A SURVEY PAPER ON ESTIMATION OF APPROXIMATE COST OF TRAVELLING TO THE TOURIST PLACES

Sharda Patil[1], Saurabh Jaiswal[2], Danveer Mandavi[3], Vinay Dewangan[4], Vivek Singh Rathore[5]

[1]Student, Computer Science and Engineering Department, Govt. Engineering College Bilaspur, C.G. India

[2]Student, Computer Science and Engineering Department, Govt. Engineering College Bilaspur, C.G. India

[3]Student, Computer Science and Engineering Department, Govt. Engineering College Bilaspur, C.G. India

[4]Student, Computer Science and Engineering Department, Govt. Engineering College Bilaspur, C.G. India

[5]Assistant Professor, Computer Science and Engineering Department, Govt. Engineering College Bilaspur, C.G. India

Abstract: Tourism app is an android based project which helps the travelers to predict or estimate the approximate cost of travelling as well as searching to the tourist place. Our tourism app revolutionizes the way travelers plan their road map by introducing a powerful and user-friendly tool for estimating travel costs. By simply inputting their vehicle details, users can access precise and personalized calculations for the estimated cost of traveling via roads. This app combines convenience and accuracy to enhance the overall travel experience, empowering users to make informed decision about their journeys and budgets. Whether it's a weekend getaway or an extended adventure, our app ensures that travelers can hit the road with confidence, knowing they have a reliable cost estimation tool at their fingertips.

Keyword: Popular Attraction, Nearby Facilities, Local Custom, Travel tips, Reliable, and Cost Estimate.

I INTRODUCTION

Welcome to our innovative Tourism App, designed to revolutionize the way you experience travel. This app is crafted with a singular goal in mind: to provide you with seamless access to a world of unforgettable adventures and enriching cultural experience. Say goodbye to the hassle of inaccurate cost estimate and the uncertainty of trip planning. Our app employs advanced algorithm to offer precise cost breakdown, ensuring that you can explore destinations without any unexpected financial constraints. Gone are the days of uncertain planning and unexpected expenses. Whether you're a solo traveler seeking hidden gems or a family looking for the perfect getaway, our app caters to all interests and budgets. With curated guides, real-time updates, and personalized itineraries, we're here to make your journey memorable. Embrace a community of fellow travelers, sharing tips and recommendations to enhance your trip. Our user-friendly interface ensures a smooth and enjoyable experience, empowering you to make the most of every adventure. The Tourism App is an Android based app which helps users/ tourists to plan their trip more efficiently. This tourism app specifically to cities makes a lot of sense given the high needs for infrastructure and high concentration of other resource

and users necessary information. The focus on sustainability and the development of smart solution for tourism has to the emergence of many concepts such as smart tourism, smart destinations, smart hotels, and smart application. This app contains various features which helps users or tourists in various ways. The user can use this app and can this app while traveling also.

1.1 OBJECTIVE

The main objective of App is to develop a user-centric tourism app that enables travelers to compute precise estimates of road travel expenses by inputting their vehicle specifications, enhancing their travel planning experience through personalized and cost-effective journey budgeting. To assist travelers in estimating their road trip expenses accurately. To provide users with a one-stop solution for searching and discovering tourist attractions. Improved Travel Experience: To enhance the overall travel experience by offering valuable information and budgeting capabilities. Tourism App's primary objective is to streamline and enhance the travel experience for users by providing accurate and reliable information, facilitating seamless trip planning, and offering valuable insights into destinations. It aims to address common pain points faced by travelers, such as inaccurate cost estimates and lack of comprehensive travel guides.

Facilitate Seamless Travel Planning: Provide users with a platform to plan their trips efficiently, from itinerary creation to cost estimation.

Accurate Cost Estimates: Offer precise cost breakdowns for accommodation, transportation, activities, and more, ensuring users can budget effectively.

Enhance User Experience: Create an intuitive and user-friendly interface to make trip planning and exploration enjoyable and hassle-free. **Promote Cultural Exchange**: Encourage users to explore diverse cultures and experiences, fostering a deeper understanding and appreciation of the world.

Build a Vibrant Travel Community: Establish a platform for users to share insights, tips, and recommendations, creating a supportive and engaged travel community.

Provide Real-Time Information: Deliver up-to-date information on local events, attractions, and activities to keep users informed during their journeys.

Cater to Diverse Interests and Budgets: Offer options and recommendations for a wide range of travelers, accommodating various preferences and financial capacities.

Ensure Data Security and Privacy: Implement robust security measures to safeguard user information and ensure a safe and trustworthy platform.

Drive User Engagement and Retention: Encourage active participation through features like reviews, ratings, and user-generated content, fostering long-term user loyalty.

Stay Ahead of Industry Trends: Continuously adapt and innovate to incorporate emerging technologies and industry best practices, ensuring the app remains relevant and competitive.

II LITERATURE REVIEW

The literature review is one of the important parts of the whole dissertation that provides details knowledge and understanding of the topic. This segment incorporates current information in conjunction with substantive finding as well as hypothetical and methodological commitment to a specific theme. This segment incorporates different statement, views, supposition, and articulation of the distinctive creators with respect to the most subject that considers within the entirety research study.. By this section, a researcher can use a variety of books, journal online articles, and other sources to obtain secondary information on the topic. In the present exploration study, a scholar has the main end is to identify the impact of information technology on the sightseer geste in India along with case evaluation of Cox and lords. To achieving this end, a scholar will consider upon the colorful objects similar as the part of information technology, the impact of information technology on the sightseer geste .

III METHODOLOGY

According to the agile model, each project must be approached uniquely, and current techniques must be modified to best meet the demands of the project. Iterative approach is takes and working software build is delivered after each iteration.

3.1 TECHNOLOGIES USED TO BUILD TRAVEL WITH US APP

Android Studio: Android Studio is the official integrated development environment (IDE) for developing Android app. It provides a comprehensive set of tools and features specifically designed for android app development, including code editors, debugging tool, and an emulator for testing apps. It is IDE which is a software and consist of tools which makes easier for making app apart from it we need to learn any of the given language that is C++, Katlin, Java, JavaScript.

Firebase: Firebase is a database which is real time and cloud-based server. It provides security context and service. Firebase is commonly used in Android app development as it simplifies tasks such as data management, user authentication, and real-time updates.

Java: It is created by "James Gosling and Sun Microsystem in 1991". Java is an object oriented, high level, distributed programming language. It is used for making web Application and Android Application.

XML (Extensible Markup Language): XML is a markup language used for storing and transporting data. It is a simplified and standardized version of SGML that allows for the organization of data element. XML is commonly used for data exchange between system and is human-readable.
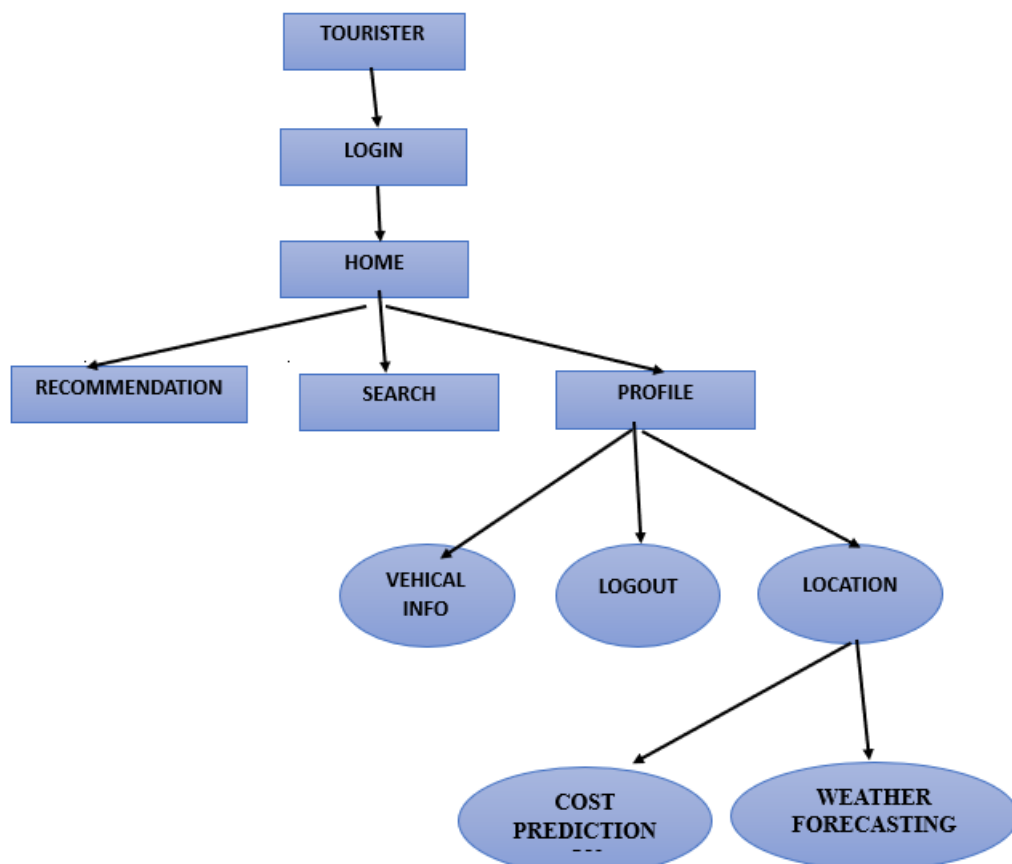
3.2 DATA FLOW DIAGRAM

Fig .3.2.1 Data Flow Diagram

HOW TRAVEL WITH US APP AND ITS FEATURE WORK

- **Signup:** Signup/register Activity in this activity the user enters the user's details like name address etc.

- **Login:** Login activity the user then enters the user credentials to login to the app by entering their credentials which gets authenticated from the backend.

- **Home:** Home Activity after successful login to the tourist's app the user is directed to home page in which several activities are performed.

- **Recommendation:** In this activity several tourism places are recommended to the user. By entering the details like location, the user can get the access to the list of tourism places of the location. After selecting the tourist place user can estimate the cost of travelling by entering the details of vehicle.

- **Search:** In the search activity, the user can search for specific tourism places by entering keywords or filters such as location, category, or rating.

- **Profile:** In the profile activity, the user can view and edit their personal information, including their name, address, contact details, and preferences. They can also upload a profile picture and view their booking history.

- **Vehicle:** In the vehicle activity, the user can enter details like petrol or diesel type and average speed of his vehicle.

- **Location:** In this location activity, the user can explore different destination and view details information about each place, including popular attraction, nearby facilities, local customs, and travel tips.

- **Logout:** Logout after the use of tourism app the user can logout from the user's account.

IV   IMPLEMENTATION AND RESULT

Implementation is the stage in the project where the theoretical design is to be turned into a working system and is giving confidence on the new system for the user that will work efficiently and effectively.
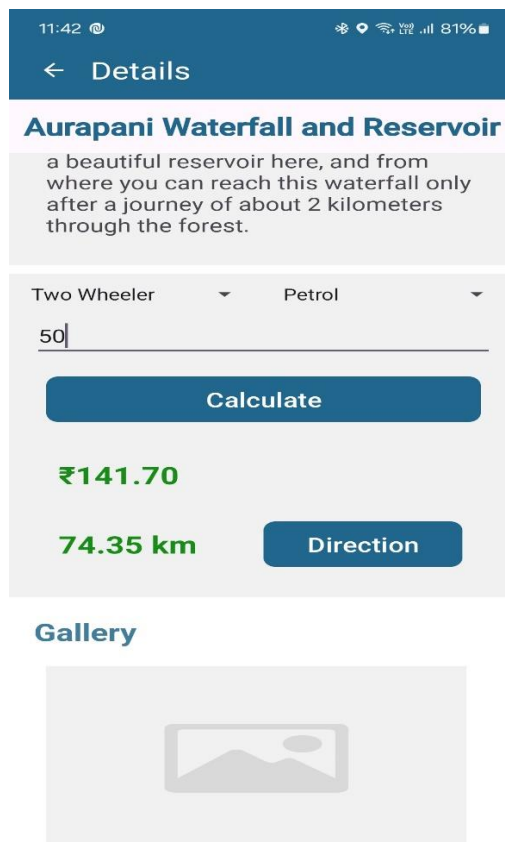

Fig.4.1 DISTANCE CALCULATOR GUI

V CONCLUSION

Our app has all tourism related feature in one place. Overall, it aids in the development of tourism in nations. Because of all these feature this app will increase tourism and also help for countries growth. Smart Tourist application provides reliable, fast and better services to the users. Thus, it facilitates easier and more effective travel planning for travelers. Smart Tourism app has a user-friendly interface and it also provides best services to users so that they can enjoy their trip.

ACKNOWLEDGEMENT

REFERENCES

1. Agnihotri, R., Dingus, R., Hu, M.Y. and Crush, M.T., 2016. Industrial Marketing Management. 53. pp.172-180**.**

2. Ahmad, N.S., Musa, R. and Harun, M.H.M., 2016 Procedia Economics and Finance. 37. pp.331-336.

3. Álvarez, L.S., Martín, A.M.D. and Casillas, R.V., 2007. Journal of Travel Research. 45(4). pp.453-463.

4. Alves, H., Fernandes, C. and Repose, M., 2016. Psychology & Marketing. 33(12). pp.1029-1038.

5. Anwar, S.A. and Soheil, M.S., 2004. First-time versus returning visitor impressions of festival tourism in the United Arab Emirates. Journal of Vacation Marketing. 10(2). pp.161-170.

6. Armstrong, C.G., Delia, E.B. and Giardia, M.D., 2016. Communication & Sport. 4(2). pp.145-165.

7. Dahl, S., 2018.

8. Doolin, B., Burgess, L. and Cooper, J., 2002. Tourism management. 23(5). pp.557-561.

9. Felix, R., Rau Schnabel, P.A. and Hirsch, C., 2017. Journal of Business Research.70. pp.118-126.

10. Frew, A.J., 2000. Journal of Travel Research. 39(2). pp.136-145.