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Way Wise

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***Abstract*— CRM can enable the enterprise to enhance greatest the satisfaction degree and loyalty degree of customer through the effective integrating the human resources, the operation flow and the specialized technology. The data mining technology is playing the very essential role in the CRM implementation. This article introduced the CRM and the data mining technology, and constructed the frame of travel agency CRM based on data mining aimed at the travel agency industry, and focused on the using of data mining technology in the travel agency customer relationship management.**

Keywords*— *Track Location , Android .

I. INTRODUCTION

Since reform and opening-up, China's tourism industry has grown significantly. According to National Statistics, there were 13,361 travel agencies at the end of 2003. On a larger scale, the industrial system and market size have expanded quickly, and the industrial space layout has continued to grow. At the micro level, however, profits are declining year after year despite an increase in the number of tourism-related businesses. Many travel agencies have used hostile competition tactics to compete for customers, grow market share, and maintain earnings. They have done this by lowering prices and breaking management rules. The management has responded by lowering food standards, cutting back on tourist attractions, shortening sightseeing times, and increasing the frequency of purchases. That

- Motivation:- Personalization: Travel agencies aim to provide tailored experiences to their customers. Data mining helps in analyzing customer data to understand preferences, behavior, and interests, allowing for personalized recommendations and offers.

- Customer Retention: Acquiring new customers is more expensive than retaining existing ones. Data mining can help identify factors influencing customer churn and implement strategies to retain valuable clients.

II. LITERATURE SURVEY

Paper Name:- Application Research Of Data Mining In Travel Agency's Customer Relationship Management

- Author name:- HaiYingXie
- Description:- CRM can enable the enterprise to enhance greatest the satisfaction degree and loyalty degree of customer through the effective integrating the human resources, the operation flow and the specialized technology. The data mining technology is playing the very essential role in the CRM implementation. This article introduced the CRM and the data mining technology, and constructed the frame of travel agency CRM based on data mining aimed at the travel agency industry, and focused on the using of data mining technology in the travel agency customer relationship management

- 2.Paper name:- Analysis on Human Resource Management of travel agencies
- Author name:- Hongna Li
- Description:- The tourism industry has rapidly rise since China joined into WTO , yet it is not long time from the travel agencies really enter into the large-scale development phase, some existences of deep-rooted and backward managerial system and conception cause the entire travel industry showing a "small, scattered, weak and inferior " situation. Special attention has not been paid to the human resources management of travel agencies because the lack of the mature industry backstopping. This paper analyzes the main problems of Chinese travel agency human resources management at the present stage, and then suggests solution strategies in order to promote the travel industry sound and sustainable development

. 3. Paper name:- Multistage Depressed Collector With Improved Thermal Management for High Efficiency Travelling Wave Tubes

- Author name:- A. Mercy Latha
- Description :- Multistage depressed collectors (MDCs)

are used to enhance the overall efficiency of travelling-wave tubes (TWTs). Thermal management is one of the critical concerns ,

when such TWTs are used for space application. In this paper, authors have presented an innovative technological concept to develop a typical four stage MDC in a single ceramic for better thermal management. Here, multiple brazing joints have been reduced, which, in turn, reduces thermal contact resistances (TCRs) and thereby improves the thermal management better than its conventional counterpart, where brazing joints are more. A 1-D analytical model has been developed for better understanding of the effect of TCRs at various braze joints on heat dissipation from the MDC. Results obtained from this analytical model have been compared with 3-D simulations and validated experimentally

•Proposed work:- we Design Android Application For Travel Management System

Driver Can Add Source Destination and their stope and upload their Current Location On Application User Can See Their Current location in app Send the massage to driver.

III. SYSTEM OVERVIEW AND DESIGN

Personalized Recommendations: Develop recommendation systems that leverage data mining to offer customers tailored travel suggestions, including destinations, accommodations, and activities, leading to a more personalized travel experience.

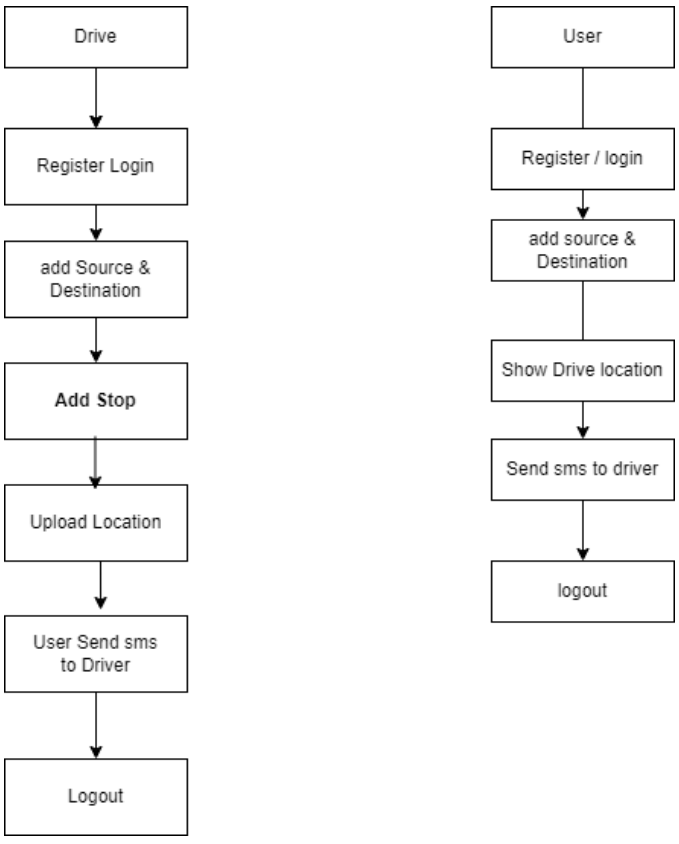

Figure 1: System Architecture

IV. METHODOLOGY

Method 1: The project will be divided into small, manageable iterations, each delivering a set of features.

Method 2: A cross-functional team consisting of developers, designers, testers, and domain experts will collaborate closely, ensuring that various perspectives are considered during development.

Method 3: Regular sprint meetings will be held to review progress, address challenges, and plan the next iteration.

Method 4: Users and stakeholders will be involved throughout the development process, providing feedback on prototypes and new features.

Method 5: The development process will be adaptable, allowing the team to respond to changing requirements and priorities, ensuring that the Travel Management System remains relevant and effective.

Method 6: Tracking someone's live location typically involves a combination of hardware and software components. Here's a high-level methodology for a live location tracking project.

Method 7: Clearly define the goals of your tracking project, such as tracking vehicles, people, or assets.

Method 8: Choose the appropriate tracking devices, such as GPS trackers, RFID tags, or smartphones.
Ensure the selected hardware is reliable and has the necessary connectivity (GPS, GSM, Wi-Fi, etc.).

Method 9: Collect location data from the chosen hardware.
Use GPS coordinates or other location data to pinpoint the target's location.

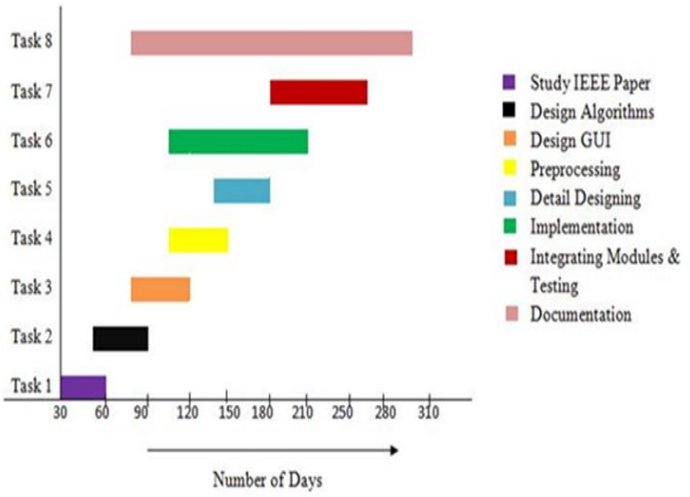

Figure 2: Main Menu

V. RESULTS

Developing a live location tracking Android application, often referred to as a "waywise" application, can provide real-time location information for various purposes.

• **Real-Time Tracking:**
The application should provide real-time location updates, allowing users to see the current location of tracked objects or individuals on a map.

•User-Friendly Interface:
The user interface should be intuitive and easy to navigate.
It should display maps, tracked objects, and relevant information in a clear and organized manner.

•GPS Integration:
The app should utilize the device's GPS functionality to accurately pinpoint locations.
It should work well even in areas with a weak or no network signal.

•Customizable Tracking:
Users should be able to select and customize the objects or individuals they want to track.
Options for tracking frequency and accuracy may be provided.

•Notifications:
Send real-time notifications to users when tracked objects change location or enter/exist geofenced areas.
Notifications can be through push notifications or SMS.

VI. APPLICATION

Multistage depressed collectors (MDCs) are used to enhance the overall efficiency of travelling-wave tubes (TWTs). Thermal management is one of the critical concerns when such TWTs are used for space applica- tion. In this paper, authors have presented an innovative technological concept to develop a typical four stage MDC in a single ceramic for better thermal management. Here, multiple brazing joints have been reduced, which, in turn, reduces thermal contact resistances (TCRs) and thereby improves the thermal management better than its conventional counterpart, where brazing joints are more. A 1-D analytical model has been developed for better understanding of the effect of TCRs at various braze joints on heat dissipation from the MDC. Results obtained from this analytical model have been compared with 3-D simulations and validated experimentally

VII. CONCLUSION

In conclusion, a travel agency app provides a convenient and efficient way for travelers to plan, book, and manage their trips. It offers a wide range of services, from booking flights and accommodations to exploring destinations and accessing important travel information. These apps enhance the overall travel experience, making it easier for users to explore the world and create memorable journeys.

VIII. FUTURE ENHANCEMENT

1.Personalization: Travel agencies can leverage data analytics and AI to offer highly personalized travel recommendations, itineraries, and services tailored to individual preferences.
2.Augmented Reality (AR) and Virtual Reality (VR): Integrating AR and VR technologies can provide immersive travel experiences, allowing users to explore destinations virtually before booking, and enhancing on-trip experiences.
3.Sustainable and Eco-friendly Travel: The growing emphasis on eco-friendly travel presents opportunities for agencies to offer sustainable and responsible travel options, promoting eco-conscious choices to travelers.

IX. REFERENCES

[1] Sarah Aimi Saad , Amirah ‘Aisha Badrul Hisham , Mohamad Hafis Izran Ishak , Mohd Husaini Mohd Fauzi , Muhammad Ariff Baharudin , Nurul Hawani Idris “Real-time on-Campus Public Transportation Monitoring System “ IEEE 14th International Colloquium on Signal Processing & its Applications (CSPA 2018), 9 -10 March 2018.
[2] Darshan Ingle, Dr. A. B. Bagwan ” Real-Time Analysis and Simulation of Efficient Bus Monitoring System” 2nd International conference on Electronics, Communication and Aerospace Technology (ICECA 2018)
[3] Manini Kumbhar, Meghana Survase, Pratibha Mastud, Avdhut Salunke “ Real Time Web Based Bus Tracking System” IRJETInternational Research Journal of Engineering and Technology , Volume: 03| Issue: 02 | Feb-2016
[4] Nusrath Jahan, Kamal Hossen and Muhammad Kamrul, Hossain Patwary “Implementation of a Vehicle Tracking System using Smartphone and SMS service” 2017 4th International Conference on Advances in Electrical Engineering (ICAEE) 28-30 September.
[5] Jerrin George James, Sreekumar Nair “Efficient, Real-time Tracking of Public Transport, Using LoRaWAN and RF Transceivers” Proc. of the 2017 IEEE Region 10 Conference (TENCON), Malaysia, November 5-8, 2017.
[6] Leeza Singla, Dr. Parteek Bhatia “GPS Based Bus Tracking System” IEEE International Conference on Computer, Communication and Control (IC4-2015).
[7] Supriya Sinha, Pooja Sahu, Monika Zade, Roshni Jambhulkar, Prof. Shrikant V. Sonekar “Real-Time Analysis and Simulation of Efficient Bus Monitoring System” 2nd International conference on Electronics, Communication and Aerospace Technology (ICECA 2018)