SOFTWARE REQUIREMENT SPECIFICATION

HeritageTourService

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UNDER GUIDANCE OF-
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1. INTRODUCTION

1.1 Purpose

Travelling is breathing, learning, and discovering a very beautiful way of life for you feel a new place and learn about life. travelling is to connect the new peoples the religions, culture and make the good relationship with them travelling is to give our new skills to knowing the unknowing and strangers.

People travel to get away from the usual routine of their life and to relax from the work life. Travelling also opens your mind to new experiences and to meet different people from different cultures. The world is a fascinating and beautiful and we should explore and learn from the places we visit to broaden our horizon and to live a fulfilled life. Nowadays people often need a break from their busy lives to spend some time with family and friends or simply travel for their own purpose but never get satisfactory hotels, transport facilities and destination's specifications in a single portal. This motivated us to create a HeritageExploration Service which helps the travelers experience a better and satisfactory journey and joy to explore the sites which they came for.

1.2 Document Conventions

This document is formed using IEEE template for System Requirement Specifications (SRS)documents. Headings are in bold capital letters and wherever necessary, diagrams are provided.

1.3 Intended Audience and Reading Suggestions

The intended audience for this document includes the interested software developers and the travel agents who are going to use this software. This project is being developed under the guidance of Mentor. Shankar Sir and Mentor. Sasirekha. This software is also useful for thecustomers directly accessing the website.

1.4 Product Scope

The HeritageExploration Service can prove to be immensely useful for the travelers with no or little management facilities. There are annually 1652million domestic travelers in our country according to the statistic provided by ministry of tourism. This huge number of travelers who need an affordable and comfortable facilities and don't want to miss the site present nearby, can use this software to find their suitable option.

1. Software Requirement

Jdk-11
Junit
Mockito
STS/IntelliJ
Webserver
Postman

2. Hardware Requirement

PREFERED MINIMUM HARDWARE REQUIREMENTS
Processor Core i3 and above
Hard Disk Drive 100 GB
RAM 4 GB

3. Database Model

MongoDB

4. Existing Service

MakeMyTrip Limited is among the leading firms within its industry, and it needs to retain this position

1. MakeMyTrip Limited has a Strong Distribution network with a large number of outlets.
2. It has a low-cost structure, which provides it with an advantage over the competition.
3. It has a strong financial position with positive profits reported in the past few years. It also has a strong asset base.
4. It has a skilled labour force that is highly qualified, innovative, and diversified.
5. It has a strong presence on social media.

5. Further Enhancement

Among the existing features and Services if some extra efforts and specifications is added this can overcome the limitation of MakeMyTrip Service and will can become milestone for our designed service.

1. A high proportion of property in use by MakeMyTrip Limited is on rent, and rental charges need to be paid. If we follow the case study of D-mart we can also apply its concepts into this project and progress like wise.
2. In MakeMyTrip Service Low amounts of spending on research and development as compared to the competition is made. Advertising more and selecting right ambassadors will improve the Business.
3. Along with high employee turnover rate, with high employee motivation and working morale will boost the working strength and power.

4. Customer satisfaction is always prior to every Business and while improving the customer satisfaction via providing perfect services and after services the business model will be improved.

5. Recently seen MakeMyTrip is lacking in the customer after services like cutting extra charges on cancellations, not making up to the expectations of the customer, so by overturning these limitations of MakeMyTrip we can turn it to the milestone of own services.

6. Overall Description

In this project we tried to provide a portal where all the travelers can explore the destination's sites, hotels and Number of other sites present in that city.

First of all, Login module will be presented where our two different users i.e. Admin and Normal customers can login if visiting first time, the registration is required to be done ,After registration login id and password is hand overed to the user. Using the login id and password an user can be distinguished and different access can be provided respectively.

In the City module we tried display and collect the data of the city to the traveler where he/she is desired to travel. By performing this we try to show the traveler the places he/she can visit during their exploration. Also the sites available in that city is tried to present.
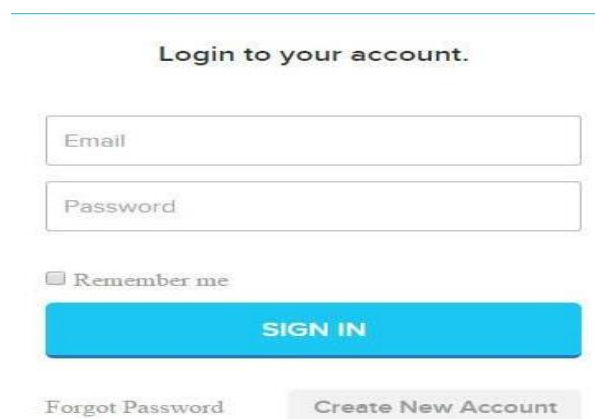
In the Site Module we along with the collection of site details the number of other sites present nearby is shown also the number of Hotel present are shown. City code is used to match whether the same city's sites are shown or not.

In the Hotel Module the Hotel specification is presented also along with the data of rooms available and their per day price. In this module we tried to use Site or City code to implement.

6.1 Product Perspective
Login Module

In this module we will try to get login username and password from the user, and will try to provide services accordingly, if an user hasn't registered then it will be directed to the registration module.

Login to your account.

Email

Password

☐ Remember me

SIGN IN

Forgot Password   Create New Account

Fig: Login Page

Registration Module

In the Registration module user will be asked to fill several details like First name, Last Name, E-mail, Username, Password. These details will be useful to create gateways and in implementing JWT for it.

Fig: Registration Page

USERS
Admin

Admin will be given some special services apart from customer services like to add, delete , update services also to manage database, Admin will be responsible for managing the customer user data.

Customer

Customer will be subjected to login and through this travels details will be asked and travel suggestions will be designed according and also other modules like Airplane Booking module and Hotel Booking module will be presented.

HeritageTourCity Module

In this module we tried to take certain data related to the City like-
City Code   //attribute used as primary key
City Name   //Name of the city
Number of Hotels Available in the city
Number if Sites Available in the city

HeritageTourSite Module

In this module we tried to take certain data related to the Sites like-
Site Code   //attribute used as primary key
Site Name   //Name of the city
City Code   //City code will be used as foreign key
Site's Description

HeritageTourHotel Module
In this module we tried to take certain data related to the Hotels like-
Hotel Code   //attribute used as primary key
Hotel Name   //Name of the city
City Code   //can be used as foreign key
Rooms Available   //Total number of Rooms Available (Not Booked)
Room's Price per Day //per day price(Rent) of the room

7. UML DIAGRAMS
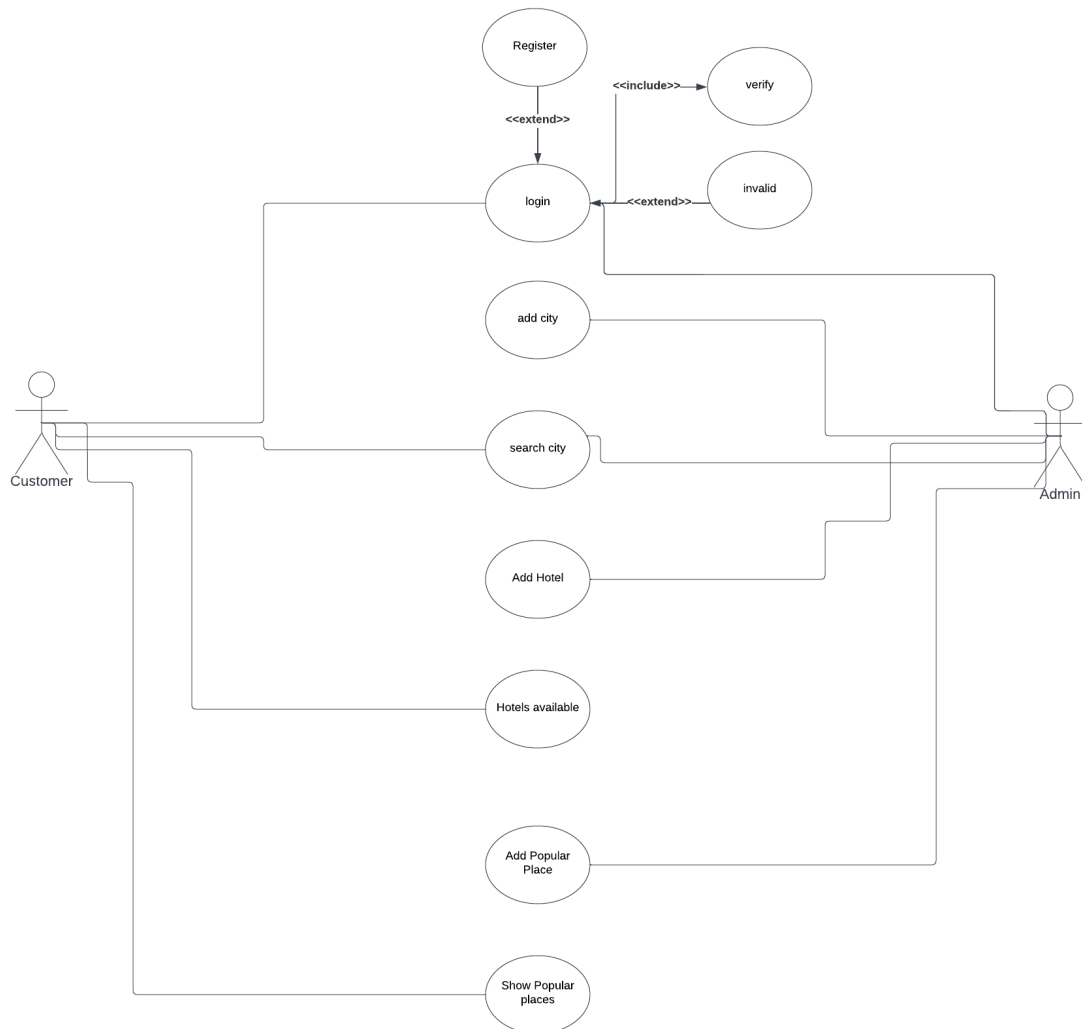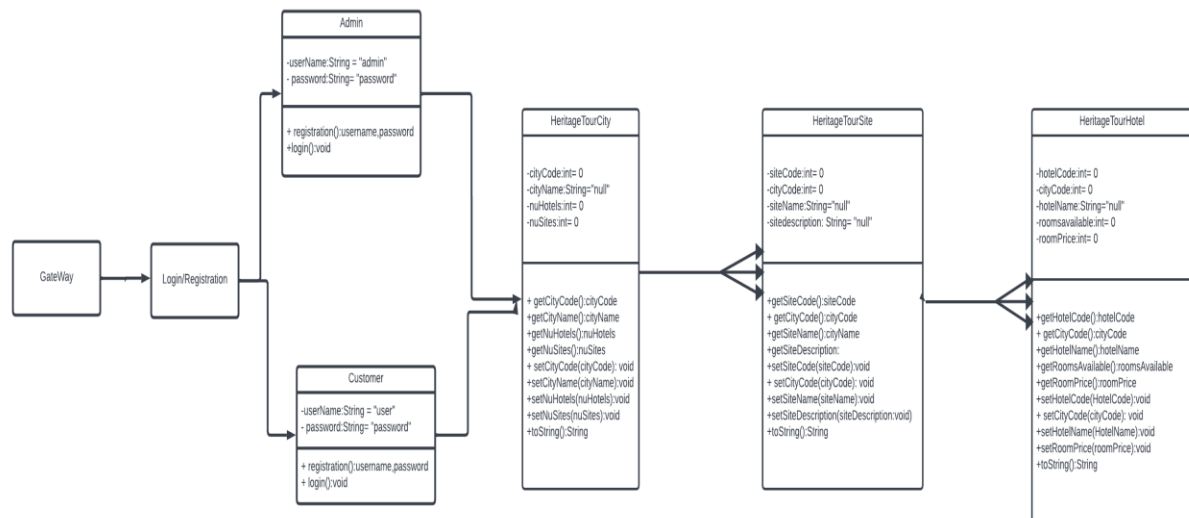
Use case Diagram

Fig: use case diagram

Class Diagram

8. Conclusion

With the continued evolution in technology, people prefer to travel and get away from the usual routine of their life and to relax from the work life. Travelling is opening mind to new experiences and to meet different people from different cultures.

Travel portal is becoming more and more essential now-a-days, where user can freely plan their travels, this is where MakeMyTrip come in picture, which provided a platform for the users to plan their travels. as well as MakeMyTrip portal is created as an online platform which attracts a greater number of customers, developers together and facilitates application development and improvement. MakeMyTrip also solves the Problem of managing every aspect of travel from booking travel tickets to the housing till Events or activity management very precisely and dedicatedly for every user. The design of this portal is very simple and user-friendly too, which make it more efficiently. Thus, we can say that new MakeMyTrip portal has a great scope in future for the travelers and tourism dependent community and countries too.