

## Tours and Travel

Tour and Travel industry is a premium industry for job ,revenue and market growth. A growing tourist crowd is an indicator of good times and robust economic activity. To keep up with pace of ever increasing tour related requirement and queries an system has to be developed that provides all information regarding a location where a tourist wants to visit ,like hotels,cabs and popular places to visit

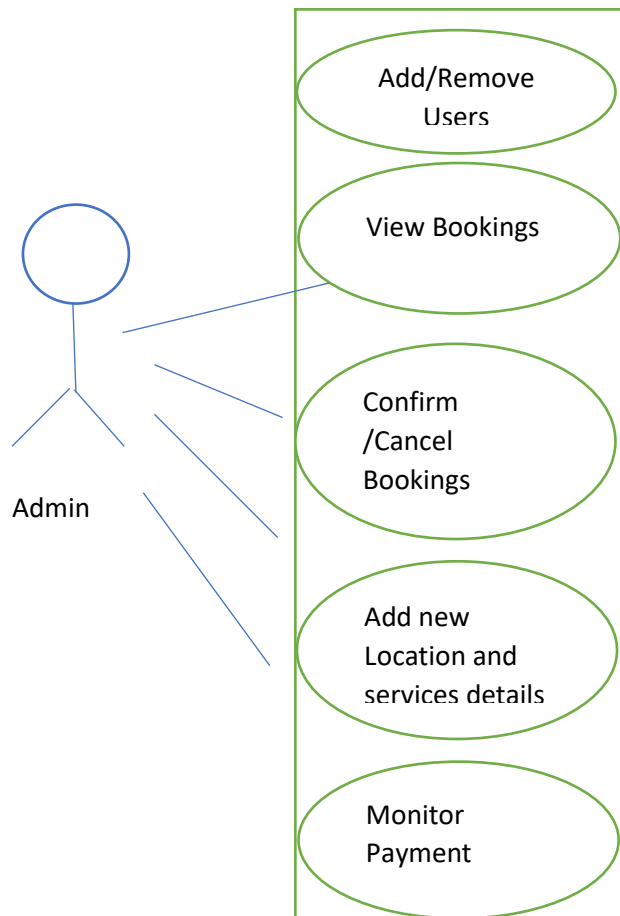
### Problem statement

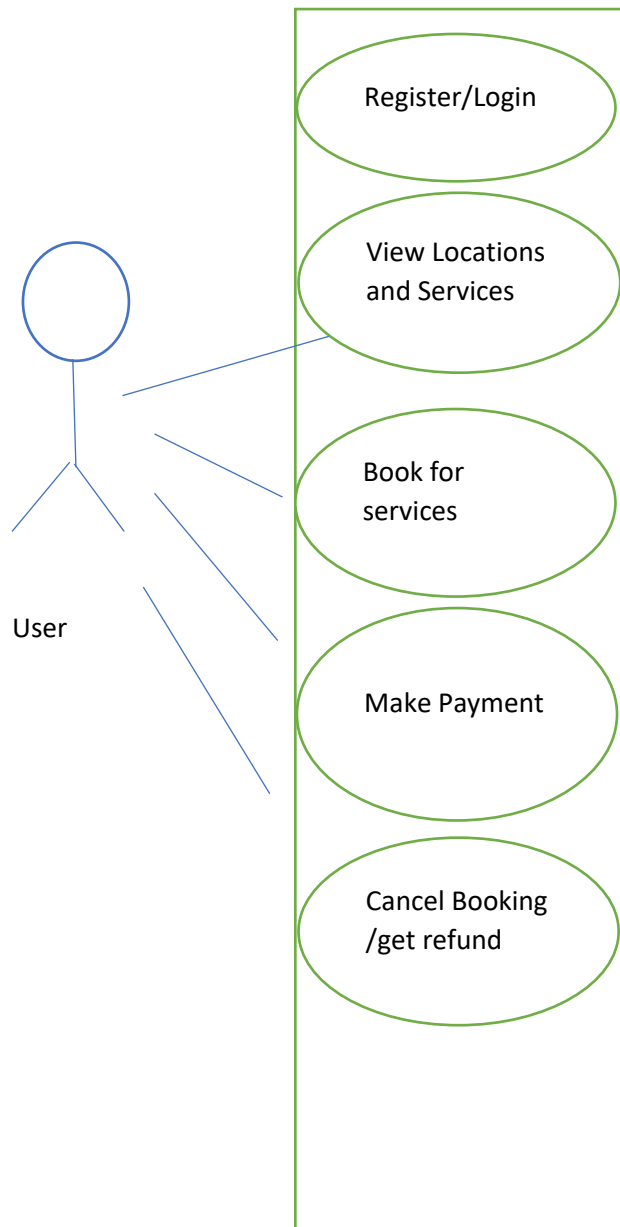
#### Admin Stories

- 1.Admin should be able to add new locations ,along with information regarding hotels ,cabs registered with hotel, tourist locations and other services
- 2.Admin should be able to view request for ticket booking to different locations along with payment status
- 3.Admin should be able to confirm or reject request for ticket bookings
- 4.Admin should be able to monitor payment status
- 5.Admin should have access to feedback entered by customer for services

#### User Stories

- 1.A module for registering and authenticating user should be available
- 2.User should be able to see through application different locations for tour
- 3.User should be able to view facilities provided by tour operator ,like hotel room ,cab service ,food service,t rain and flight tickets etc and charges for each service
- 4.User should get an option to access each service individually or as a package
- 5.User should be able make payment online
- 6.User should be able to view status of booking
- 7.User should also have option to cancel booking and get a refund
- 8.Customer should be able to share feedback/suggestions in a separate module





## Functional Requirements

- 1.Authentication module should be provided for Administrator and User
- 2.User should be registered through a separate module
- 3.Administrator should be able to view ,add and remove users
- 4.Administrator should be able to see booking requests from users
- 5.Administrator should be able to confirm or reject booking requests
- 6.Administrator should be able to add details of new locations ,hotels ,and cab service
- 7.Administrator should be to monitor payment status
- 8.User should be able to view locations ,hotels and cab services provided through application
- 9.User should be able to make a booking request for a particular location ,hotel at that location and cab services(optional)
- 10.User should be view status of his request ,and make payment after booking is confirmed
- 11.A separate module can be created to capture feed back given by user
- 12.Administrator should be able to view feed back given by user
- 13 .User should be allowed to cancel a booking and request for refund in case payment is made

## Devops Requirements

- 1.Build application as maven application
- 2.Build only Model classes required for application with functionalities as told in use case
- 3.Upload complete application to git repository
- 4.Write the code to dockerize the app using a multi-stage docker image
- 5.The dockerized image should pull the app from github ,build the app using mvn clean compile and mvn package command

