Project Documentation

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Batch Name: Python-Devops
Project Title: Trip Booking Application Using Python
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Project Manager (s): Ramapavan S

a) Business Specification/Requirements:

i) Information about customer that made reservation can be retrieved easily.

ii) It will reduce the workload and time of the staff required for making reservation.

iii) It would be able to transform most of the processes carried out manually into automated

b) Functional Output/Requirements:

i) User should be able to search flights, hotels and destination.

ii) User should be able to login and register to the application.

iii) Select the flights and hotels based on preference.

iv) Enter personal details.

v) Make Payment.

vi) Confirmation notification.

c) Tool Chain/Technical Coverage:

i) Python

ii) Git and GitBash

iii) AWS

d) Risk & issues:

   i) User can only search a flight or hotel ticket after login.

   ii) User can register multiple times using one email address.

   iii) Mangement of seat reservations cannot be done.

e) Conclusion:

It can be observed that reservation applications are very important in every field of human endeavor. Here all the informations about a customer that made reservation can be displayed by clicking a button with which some of the difficulties encountered with the manual system are overcome. It will reduce the workload and reduce time of the staff for making reservation and can increase efficiency. This project as a whole will give a new way in flight and hotel reservations and ticketing process.