PERSONALISED ITINERARY RECOMMENDATION SYSTEM

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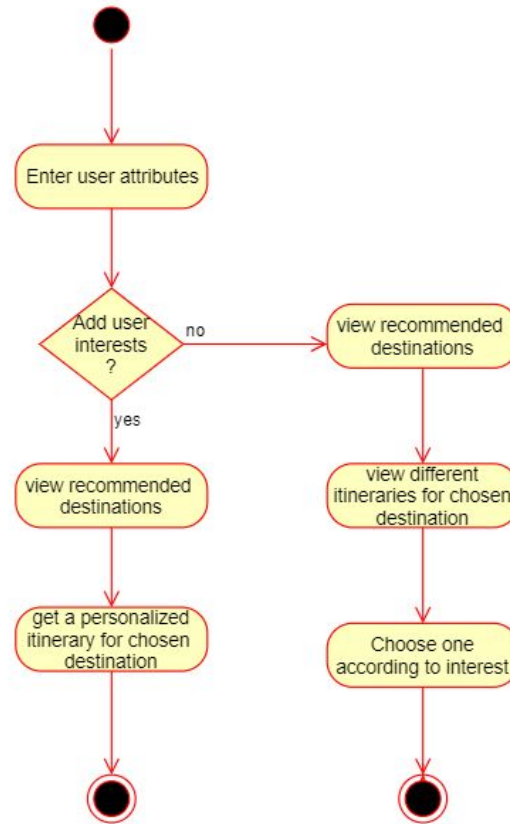Akanksha Koshti   16102011
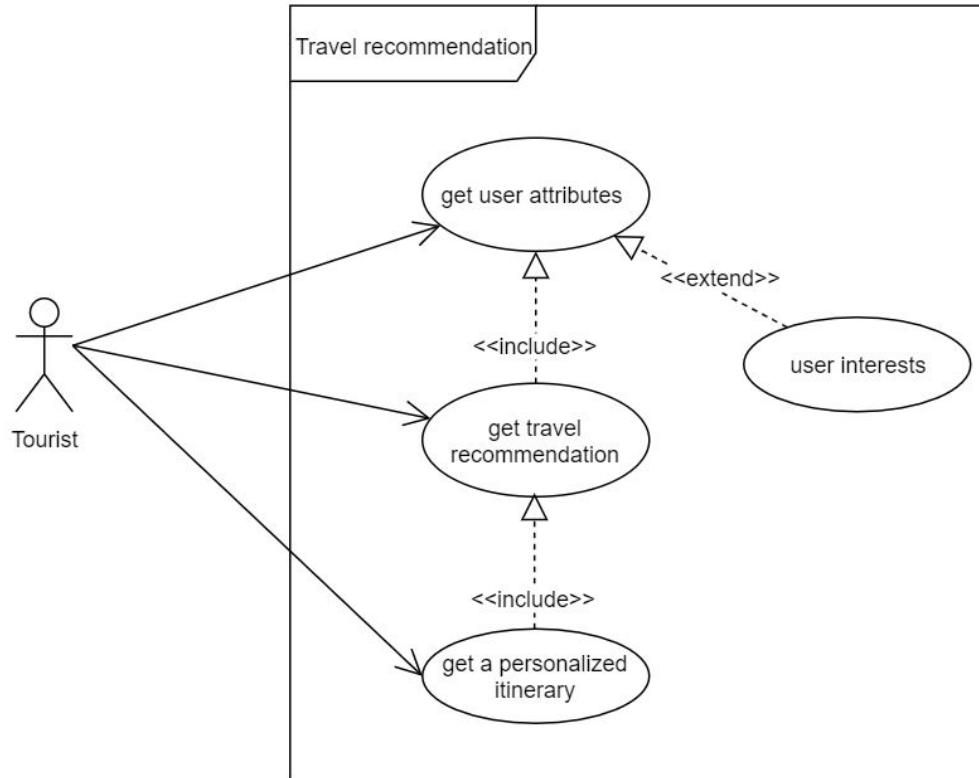
Project Guide: Prof. Sachin Takmare

PROPOSED SYSTEM

- The system reduces the efforts required to plan a trip by recommending a destination to the user along with an array of itineraries.
- The user is expected to provide minimal data on desired trip to the system. The system then outputs a cluster of similar/most suitable destinations for the user to pick one from.
- The system then generates multiple itineraries, each matching a specific purpose.
- The system utilizes a chatbot to interact with a user.

Activity diagram

Use case diagram

Modules

1. Dataset: Collecting and cleaning data required for building the recommendation engine. Use of web-scraping/APIs.
2. Chatbot Interface: System-User Interaction.
3. Destination recommender: Recommend few suitable travel destinations for the user to choose from.
4. Itinerary Generator: Generate different itineraries covering different trip interests for a specific destination.

Flow of Modules