
Project Plan

Wanderlust

Project Overview

The development of this project aims to cover the programmatic demands of the disciplines of Object Oriented Modeling and Programming and Software Engineering Fundamentals, as well as providing the designated niche with a software service. The team, made up of five components, at first splits to establish and refine the idea and scope of the application, as well as the study of the tools and language to be applied. To this end, it is proposed a mobile application software on the Android platform that has as its motto personalized and interactive help to individuals adept to know new places. As a differentiator, this aid will come embodied in an AI bot that, through data mining based computing, seeks to be assertive in its propositions and responses.

Wanderlust, a German word meaning “I wish to travel,” has become a term used to impersonate those who are always willing to know new places and live new experiences, which is why they choose the name. The Wanderlust aims to guide travelers on social, cultural aspects of the places visited, as well as important information and directions. In addition, the user will be offered a survey of the cultural circuit (music, art, history) of the region visited, as well as typical gastronomic indications. Wanderlust will also be a travel help desk, providing tourist help desk locations, embassies, hospitals, bus stations.

1.1 Scope of the project

Wanderlust aims to be a complete, interactive and personalized guide within easy reach. Therefore, after identification (registration), the user is offered a search field for the region of interest. Following, from a recommendation logic, a list of typical dishes, traditional / historical places, sights is suggested. In addition, through interaction with the BOT, codes of social conduct, local customs, behavioral and relationship aspects of the researched region would be informed, as well as local cultural circuit. Another aspect covered by the application will be a tourist information center, with emergency numbers and location support centers (embassy, tourist support center, hospitals).

1.2 Main Functions

The Wnaderlust App can be divided into three main functions:

Search

Suggestions

Interactivity

1.2.1 Search

Every system engine starts with the information of the place the user wants to receive the information. The search, then, will be the input base to structure the information offered to the user.

1.2.2 Suggestions

After the search, the recommendations trigger is activated and the software generates a value for the user. If search is the foundation, recommendations are what characterizes the app.

1.2.3 Interaction

The BOT can be considered the differential in this travel guide system configuration. The intention, therefore, is for them to be able to interact in an assertive manner and to add the desired information to the user.

