

Team 9 Project Charter

Virtual Trip Scrapbook iOS Application

Team Members:

Kristin Beese, Janka Gal, Rajalakshmy Iyer, Joyce Kao

Problem Statement:

It can be challenging keeping track of and remembering a trip: photos, videos, hotels, restaurants, landmarks, etc. Currently, there is no well-known app that allows users to log trips with corresponding photo memories, see trip itineraries, locations traveled and to provide users with a comprehensive map overview of their entire trip(s) to show family and friends. Although there currently are some travel blogging and trip GPS tracking applications, there is no application that provides a cohesive overview of the trip by organizing the different locations and media, as well as the ability to view past trips.

Project Objectives:

1. Create an iOS mobile application that will track road trips/vacations using GPS locations, timestamps, and personal media/data entries.
2. Develop a list view of past and current vacations that can be expanded to show a chronological catalog of entries (photos, restaurants, notes, etc.) from a specific trip as well as an interactive map showing pinpoints of locations traveled.
3. Implement the ability to add an entry to a trip with data including a title, photos, travelers, notes, GPS location (using the CoreLocation API), and timestamps.
4. Retain data/history about previous trips for users to view.
5. Develop a travel map for each trip that will show the travel journey on a map with where each entry has been entered (using the CoreLocation API and the Google Maps API)
6. Time Permitting: Have recommendations page where scenic spots, gas stations, hotels, and other suggestions pop up in a 5 mile radius of the current location using Instagram and Yelp APIs.

Stakeholders:

Users: The users would be individuals who use an iOS device and travel.

Developers: Kristin Beese, Janka Gal, Rajalakshmy Iyer, Joyce Kao

Project Owner: Kristin Beese, Janka Gal, Rajalakshmy Iyer, Joyce Kao

Deliverables:

- An iOS mobile application using Swift, Google Maps API, and CoreLocation API that allows users to document their current and past trips.
- If time permits, we will use the Instagram API and Yelp API to provide trip recommendations.