**Group:** 14-6

**Team Name:** Voyagers

#### **Team Members:**

Andrew Johnston, github: AndrewJ0508, email: anjo6131@colorado.edu Noah Pritchard, github: noahpritch, email: nopr1200@colorado.edu Hana Burroughs, github: hhburroughs, email: habu2663@colorado.edu Audra Mcdermott, github: aumc9149, email: aumc9149@colorado.edu) Zac Bailey, github: zacbailey23, email: zaba2966@colorado.edu Joshua Sun: gihub: JoshSun777, email: xisu1060@colorado.edu

**Application Name:** ezTravels

# **Application Description:**

Our plan is to create a simple yet useful travel planner for a variety of users. Through this application, the user can book flights, hotels, destinations, etc for their desired trip. We will have a login and register page for new and existing users. The home page will show top rated destinations. In the home page we will include some kind of filter or search function that will update the page with options that suit the user's input. We also want to create a trip planner where the user can make a layout of what they have planned with an add to cart and checkout feature.

In the backend, the project will utilize a pre-existing travel sights API that we can use to find and filter options, like in lab9. The users information will be stored in a user database that can be referenced and added to through login and register. The planner will be used to organize and visualize the travel plan the user has built. From there the user can add elements to the cart. You can view the cart from a separate page and give the user an option to remove elements from the cart. From there the user can checkout their cart where it will redirect back to the planner.

### **Vision Statement:**

**For** [travelers], **Who** [need a simplified way to plan vacations and view/book hotels and flights]. **The** [ezTravels planner] **is a** [website] **that** [allows users to build an itinerary as well as book flights and hotels for upcoming trips]. **Unlike** [Kayak], **our product** [will incorporate a planner aspect where users can build a specific itinerary for each trip, where they can view their flights, hotels, and any other trip information such as tours, daily plans, etc.].

#### **Version Control:**

Repo Link: <a href="https://github.com/zacbailey23/Software-Project-Team-6">https://github.com/zacbailey23/Software-Project-Team-6</a>

**Development Methodology:** We will follow a structure similar to lab2. Everyone has access to the projects board. We will divide work between each member. Their contributions will be added to the project board with what they are contributing and their expectation of when they

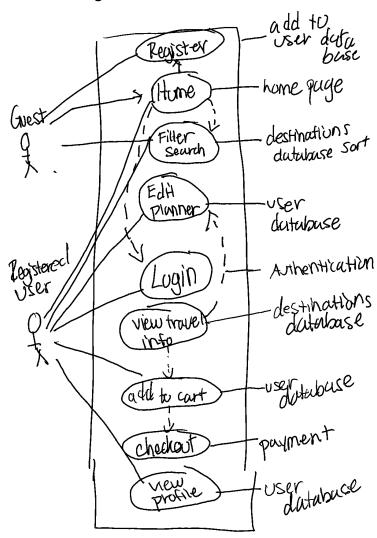
think they will be able to get it done. During meetings we can look back at the project board and reassess and rearrange work as needed.

Project Board Link: <a href="https://github.com/users/zacbailey23/projects/1">https://github.com/users/zacbailey23/projects/1</a>

**Communication Plan:** We have created a group text chat to communicate for meetings, concerns/comments, etc. We plan to use google calendar to set up meetings and plan out expectations for the project.

**Meeting Plan:** Our group meeting will be around 12:30 on Thursdays in the engineering building. We will meet with the TA at 12:30 on Tuesdays on Zoom.

# **Use Case Diagram:**



### Wireframes:

| Log In  Ucername  Password  Rio account? Register  Home Plumer Search  Suggestions  inally \$1000 France \$249  contact Terms Security Status About  Planner  France Take Security  Planner  France Take Security  France Take |   |
|--|---|
| Username   password   Rio account? Register     Hume Plunner   Search   Cart     Suggestions   Italy Floor   France   1209     Italy Floor   France   1209     Contact   Terms   Security   Status   About     Limbur extravel com   Hume Plunner   Search   Cart     Planner   Plunner   Search   Cart     Plunner   Plunner   Plunner   Plunner   Plunner     Plunner   Plunner   Plunner   Plunner   Plunner     Plunner   Plunne     | www.extravel.com  |
| Home Planner Search  Suggestions  With the Hawaii italy Floor France #269  Contract Terms Security Status About  Library Planner Search  Planner Search  Planner Search  Planner Search  Planner Search  Sodyday  Wedneday thursday friday Sodyday   | Username Dassword Dassword                                    |
| Home Planner Search  Suggestions  Whos Hawaii italy \$1000 France \$269  Contract Terms Security Status About  Livery extravel-com  Home Planner Search  Planner  Monclay Tuesday Wedneday thursday finday Sodyday   |   |
| Suggestions  Sing From #269  Contract Terms Security Status About  Contract Terms Security Status About  Whome Planner Search  Planner  Planner  Thornal Tuesday Wedneday thursday friday Saturday  Thornal Tuesday Wedneday thursday friday Saturday  |   |
| thos Hawaii italy \$1000 France \$269  contact Terms Security Status About  Cusum extravel-com  [Home Planner search = Cart]  Planner  monclay Tuesday Wedneday thursday friday Subgray  | Home Planner Search = [cart]                                  |
| Home Planner Search = [cart]  Planner  monday Tuesday Loedneday thursday friday Schurday   | thos Hawaii rially \$1000 France \$269                        |
| Home Planner Search = [cart]  Planner  monday Tuesday Loedneday thursday friday Schurday   | contact Terms Security Status About                           |
| Home Planner Search (Cart)  Planner  Morclay Tuesday Loedneday thursday friday Schurday  |   |
| Planner  Thompson Tuesday Loedneday thursday friday Scolyday   | WIWW. Extravel-com  |
| monday Tuesday Wedneday thursday find ay Schurday  | Home Plumer (search) = [cart]                                 |
| monday Tuesday Wedneday thursday find ay Schurday  | Planner   |
|  | I monday   Tuesday   Wedneday   thursday   Striday   Saturday |
| contact Terms Security Status About  |   |
|  | contact Terms Security Status About                           |

