

Project Overview

Your application must have a GUI, a database, an API data source (optional), a middle layer connecting your UI to your data.

Github Repo:

<https://github.com/WiltzJevan/MapMosaic.git>

1. Team Number

011-6

2. Team Name

Mosaic Labs

3. Team Members:

Full Name	GitHub Username	Email
Treyanna Brown	TreyannaBrown	trbr3899@colorado.edu
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4. Application name

a. Map Mosaic

5. Application Description

Map Mosaic is an interactive travel tracking application that allows users to visually document their journeys by replacing traditional country and state borders with personal images. Instead of a black-and-white map, users can upload photos associated with each country or state they've visited, transforming the map into a vibrant mosaic of their own travel memories. This unique approach creates a personalized and engaging way to showcase adventures, making the experience more immersive and visually appealing.

With MapMosaic, users can easily mark locations they've visited, add multiple images to each region, and view their travels in a dynamic and visually customized format. The platform will feature an intuitive interface for uploading and managing photos, interactive map navigation, and customization options to enhance the visual storytelling experience. Whether for avid travelers looking to document their journeys or casual explorers wanting to keep track of past trips, MapMosaic provides a creative and meaningful way to capture and relive travel experiences.

6. Audience

MapMosaic is for travelers who want a unique way to document their journeys. From avid explorers to casual vacationers, the app appears to those who enjoy capturing memories through photography and transforming maps into personalized visuals. Whether for digital nomads, backpackers, or families, MapMosaic offers an engaging way to track and relive travel experiences.

7. Vision Statement

To redefine travel tracking by turning maps into personalized mosaics of memories, making every journey visually immersive and meaningful.

8. Version Control

- a. <https://github.com/WiltzJevan/MapMosaic.git>

9. Development Methodology

- a. With the aid of the Figma design and collaboration interface, we will establish a basic plan and rendition of how we envision the app to look like and work through it function at a time (i.e., pulling the API from google maps or AllTrails into view when called for by a button push, etc).

We also have an Asana project management set up in order to keep track of what needs to be done, when, and by who.

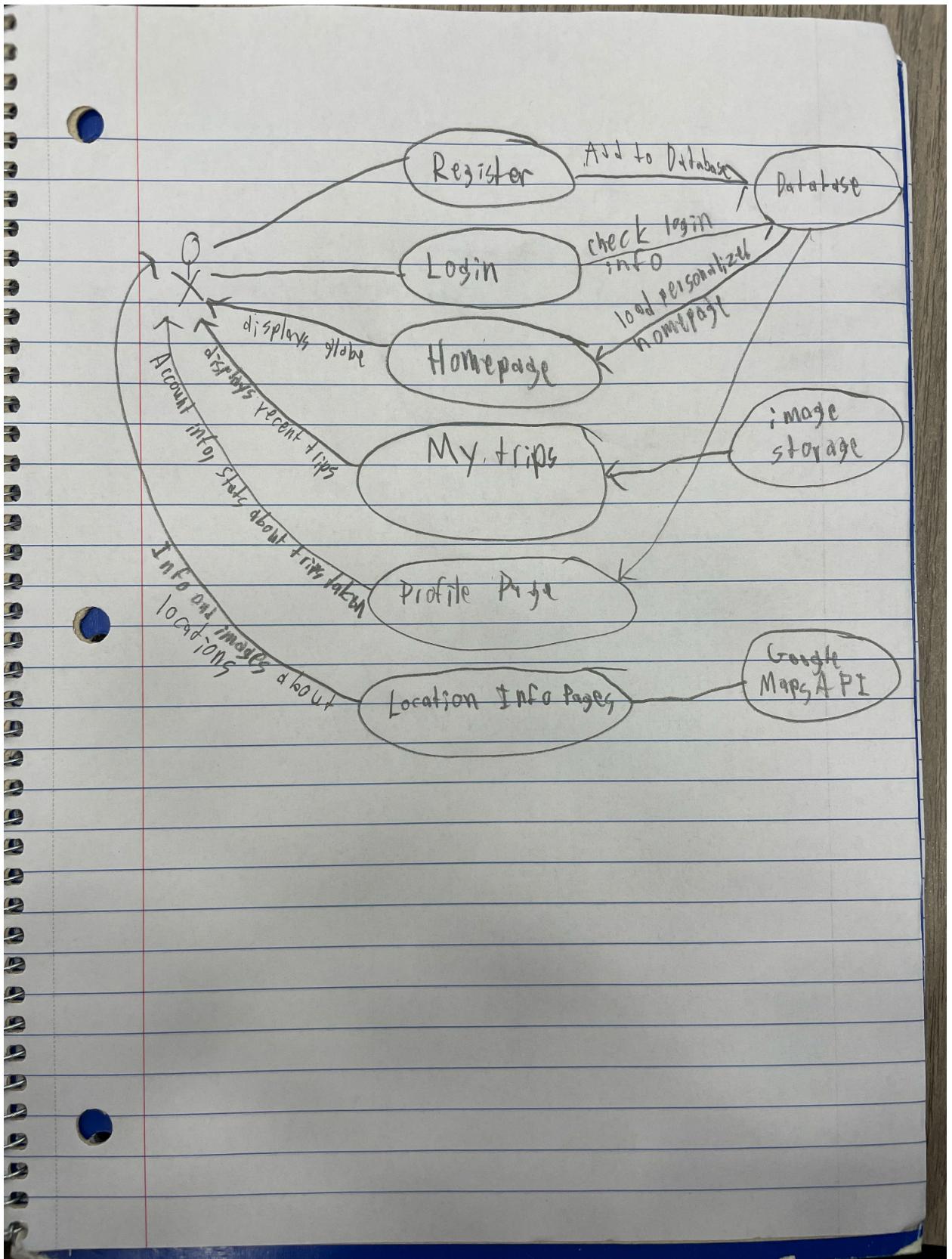
10. Communication Plan

- a. We intend on communicating through zoom meetings and face-to-face interactions on a weekly basis. We additionally have a group chat set up to address any questions from team members more efficiently.

11. Meeting Plan

- a. We plan to meet every Tuesday at 4:15pm on a Zoom meeting call every week for our weekly call with our TA. We meet face-to-face during Lab every Wednesday at 11:15am.

12. Use Case Diagram

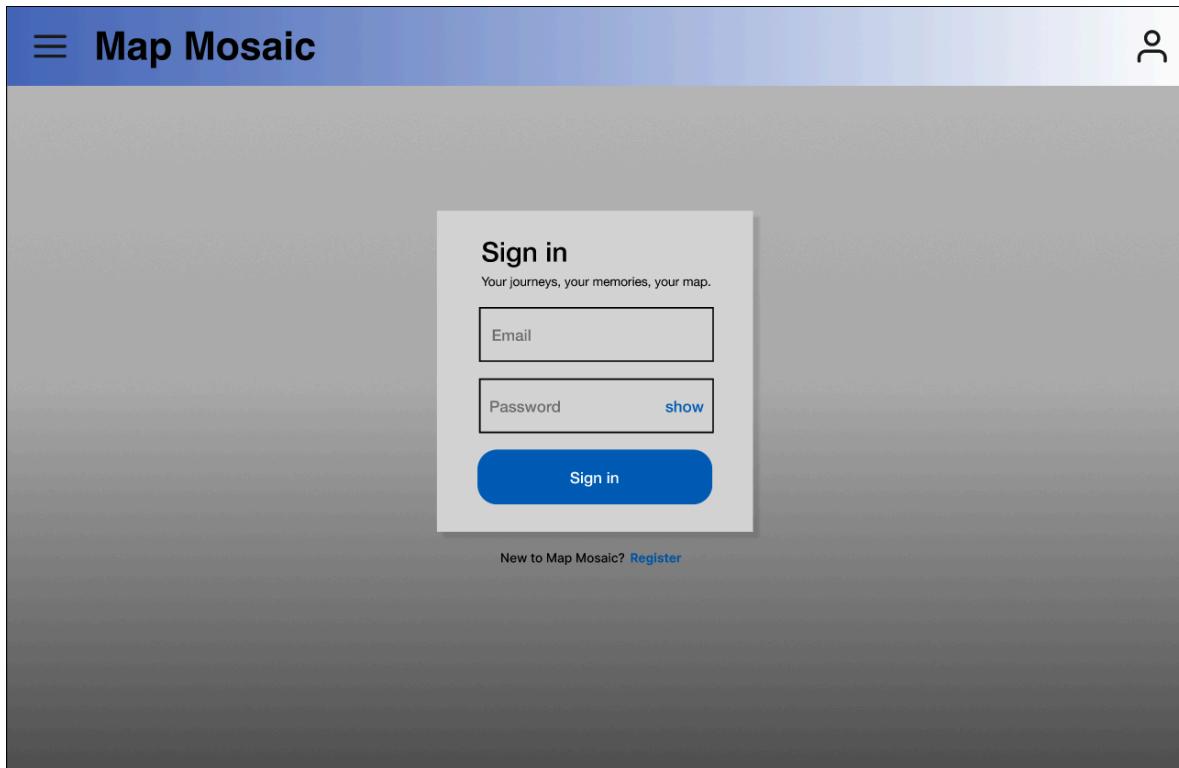


- a. Again, we intend to utilize the Figma design and collaboration interface to create and run through a mock representation of the app and its specific features that allow users to track where they went, open any specific information about the place (such as local cuisines or traditions), displace and attach any notes and/or photos they took while at the place to the information pool, pull up the interactive globe, logout/register/login, and create a “journey route” in which places they intend to go visit are listed out by mileage and method of transportation.

13. Wireframes

- a. Again, for these, we will utilize the Figma design and collaboration interface in which we will mock up a basic visual rendition of the app when first started up. This will serve as a template for the team to begin creating the web app styling and development as each feature is expanded in functionality.
- b. <https://www.figma.com/design/lbSJwkm3GM3cYsSh6KSdIL/Untitled?node-id=0-1&t=CdZsL3wDNfZecYb1-1>

Login page:



Home Page:

☰ Map Mosaic

Sign in



Earth ⏪



Registration Page:

☰ Map Mosaic



Create account

Your journeys, your memories, your map.

 [show](#)

[Join Map Mosaic!](#)

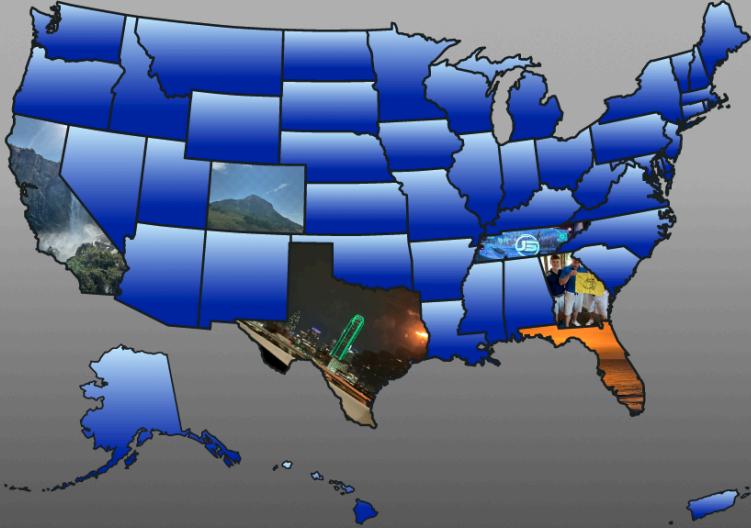
Already on Map Mosaic? [Sign in](#)

United States Page:

☰ Map Mosaic

Logout 

United States  



This screenshot shows a map of the United States where each state is represented by a blue square. Overlaid on the map are several travel-related icons and images: a mountain peak in the West, a beach scene in the Southwest, a person in a yellow vest in the Southeast, and a city skyline in the Northeast. A green line highlights a specific route or path across the central and southern states.

State Information Page:

☰ Map Mosaic

Logout 

California



Mariposa County

Visited - By you: 2 | By others: 80929

[Edit information](#)

Standing before Bridalveil Fall for the first time, I felt completely in awe. The thunderous rush of water plummeting from the towering cliffs filled the air with a fine mist, catching the sunlight like scattered diamonds. The sheer power and elegance of the cascade made me pause, taking in the grandeur of Yosemite for the very first time. The towering granite walls, the scent of pine in the crisp air, and the distant echo of nature's symphony made the moment feel almost surreal. This wasn't just a photograph—it was the start of a lifelong connection with the wild beauty of Yosemite.

[View your trips!](#)

My Trips Page:

☰ Map Mosaic

[Logout](#)

My Trips

United States

California
The trip to Yosemite!

[Read More](#)

Colorado
Crested Butte with Mom!

[Read More](#)

Florida
Summer in Marco Island

[Read More](#)

Georgia
Masters golf tournament with fam

[Read More](#)

Tennessee
This bar on Broadway

[Read More](#)

Texas
First time in Fort Worth

[Read More](#)

Profile Page:



Your Account

Account Information

Username	
Email	
Password	

Your Stats

- You've visited __ countries!
- You've visited __ states!
- You've a total of __ trips!

Your Most Recent Trip



Nashville, Tennessee

[Post a new trip!](#)

Making memories with Map Mosaic since ____