

## 1. Nomad Travel Report

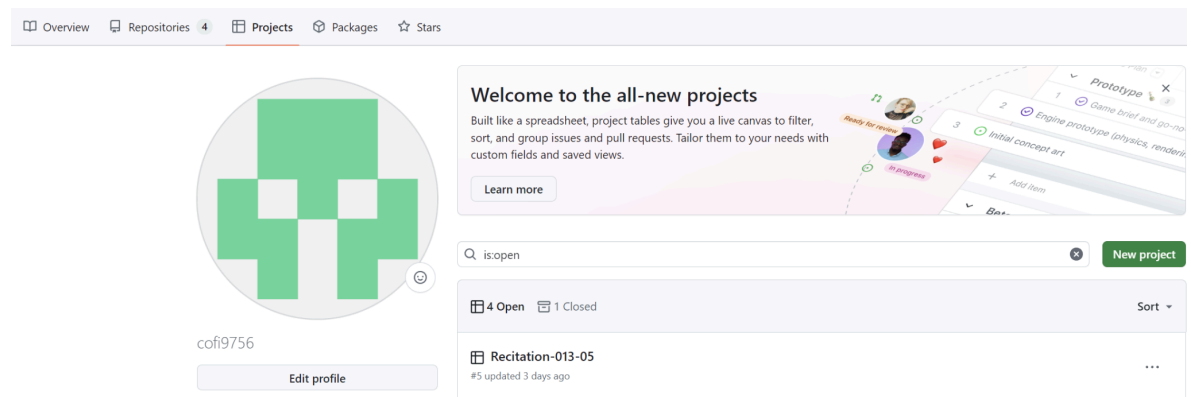
- Title of the project: Nomad Vacation Planner
- Names of each person in the group:
  - Connor Fishburn
  - Thomas Garcia
  - Adrian Nica
  - Mateo Puente
  - Max Wool
- Date: 04-25-2024

## 2. Project Description

Our travel website allows users to plan their upcoming vacations. They can either plan events based on a known location that they are going with selected dates, or find a recommended location based on their budget, dates, and preferred means of travel. They can then select from TicketMaster events and add them to their trip itinerary. Our website incorporates ideas from several labs such as the calendar page, the API functionality, and the login/register functionalities. We also used a database to recommend the users with trip destinations.

## 3. Project Tracker

- <https://github.com/users/cofi9756/projects/5/views/1>



## 4. Video

- [https://www.youtube.com/watch?v=8YGB9zep-sA&ab\\_channel=AdrianNica](https://www.youtube.com/watch?v=8YGB9zep-sA&ab_channel=AdrianNica)

- Target audience: People looking to create a standalone “itinerary” for an upcoming trip, or loosely search for events in their area depending on specified preferences.

## 5. Version Control System (VCS)

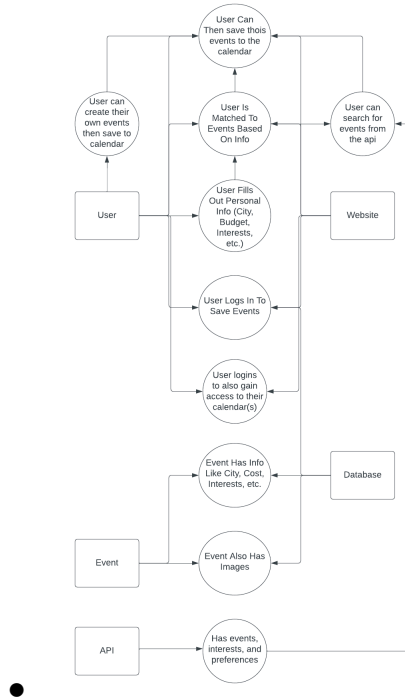
- <https://github.com/cofi9756/13-5-Vacation-Planner/tree/main>

## 6. Contributions

- Individual contributions from each team member
- Max Wool:
  - Handlebars/HTML, CSS
  - JS Routing
  - Worked on style of the initial layout
  - Slideshow and presentation format
- Adrian Nica:
  - CSS, Handlebars/HTML, Database/Sql, Inline javascript scripts, backend javascript routes
  - Made Register page, home page, recommendation page, and calendar/itinerary page
  - Reworked and fixed bugs on login page and user profile page
- Thomas Garcia:
  - Researched several APIs to figure out which was best to integrate into our website
  - Added API functionality to the TicketMaster API
  - Made the search\_api page where the user narrows down which categories of events to search, which calls the API when the submit button is pressed
  - Made the events\_api page that displays the events from ticketmaster with all the given event information
  - Worked on the handlebars partials format and implementation
- Connor Fishburn
  - Largely worked on the back end with the database and sql queries in the endpoints
  - Creating the create.sql and insert.sql files as well as some minor assistance with sql queries in the endpoints
- Mateo Puente:
  - Node Js express routes, CSS, Cloud computing troubleshooting,

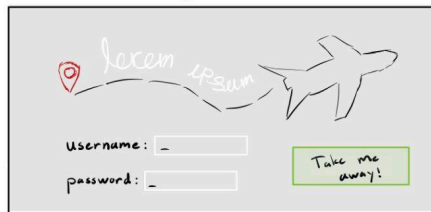
- Website style, login, search

## 7. Use Case Diagram



## 8. Wireframes

login Screen



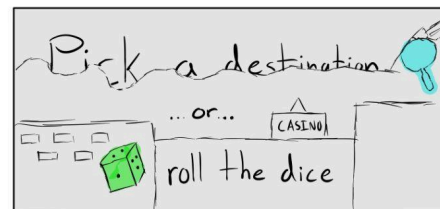
A hand-drawn sketch of a login screen. At the top, the text 'login Screen' is written. Below it, there is a location pin icon, the word 'lexem', a curved arrow pointing to the word 'psam', and a star icon. Below these elements, there are two input fields: 'username: ' followed by a box, and 'password: ' followed by a box. To the right of the password field is a green button with the text 'Take me away!'.

budgetScreen



A hand-drawn sketch of a budget screen. The text 'What is Your \$ Budget? \$' is written in the center. Below it is a colon followed by an input field and the text 'USD'. There are also some faint, abstract shapes on the left and right sides of the screen.

destinationScreen



A hand-drawn sketch of a destination screen. The text 'Pick a destination' is written at the top, with a magnifying glass icon to its right. Below this, there is a section with the text '... or ...' and 'roll the dice'. There is also a small box labeled 'CASINO' and a green die icon.

## 9. Test Results

- Register User Acceptance Tests
  - Tested the data part and found that it all works properly regardless of how data is entered correctly or incorrectly, the user is created and entered into the database with proper password hashing. The only thing that could be considered an issue is that it accepts any date for date of birth, but it is better to have a website that can take any date than assume a minimum birth date.
  - With people testing it was found the UI could be a little simple, but the UI still looked good and what the fields required were not confusing and there were not many issues with users figuring out what to do on the register page.
- Login User Acceptance Tests
  - Tested the data part and found that the user will properly login if the username and password are entered correctly and they match. Also that the page gives the proper error message if one or both fields

are empty and if the password and or the username is not correct or if they do not match.

- With people testing it it was found the UI was simple, but still looked good. Was slightly confusing that the navbar was still present and just redirected to the login page. The page still mostly worked as users could easily tell what the point of the page was. Was also good to have a blurb on the side of the login page.
- Search Events Via Preference Tests
  - Tested the data part and found that both versions of the page work with proper data entered, this includes entering data that retrieves no events and the subsequent page renders a message that says 'no events found.' Page properly gives an error message when an improper date is given for trip dates. Searches properly for any and all preferences given on the second version of the form regardless of if one or more are given. Both versions of the form also give proper errors when data is not entered, i.e. the form will not submit with data missing. Both of the versions of the form will also enter properly if proper data is entered into the forms. If the form is submitted with improper data entered, there is no reason to or way to check so it will likely give an 'events not found' message.
  - With people testing it it was found the UI looked pretty good, but the double form system could become a little confusing if the double form system was not explained. What to enter into the fields of the forms was not confusing as the fields were labeled concisely and did not need much explanation. The page that was rendered after the search is done is also very good as the UI is easy and understandable and requires little explanation. All in all, everything is well made and relatively easy to understand and use.

## 10. Deployment

- [https://github.com/cofi9756/13-5-Vacation-Planner/blob/main/Milestone Submissions/Lab13.docx](https://github.com/cofi9756/13-5-Vacation-Planner/blob/main/Milestone%20Submissions/Lab13.docx)

## 11. Appendices (Optional)

- <https://developer.ticketmaster.com/products-and-docs/apis/getting-started/>

- <https://developer.ticketmaster.com/products-and-docs/apis/discovery-api/v2/>