013-2 Boulder Nature Guides Team
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Boulder Nature Guides

Description: The Boulder Nature Guides Website functions as a travel planner for users in Boulder. It contains hiking trails, ski slopes, and parks in an easy to navigate interactive map. Users can filter what they see, and save their favorite spots to easily revisit them.

Vision Statement: For people in Boulder who need a simple way to explore the outdoors. The Boulder Nature Guides Website is a travel planner that makes finding a new adventure easy. Unlike Google Maps, our interactive map is exclusively focused on outdoor destinations, with features that make it easy to plan your next excursion in the city of Boulder.

Version Control: https://github.com/CSCI-3308-CU-Boulder/3308SP21_section013_2

Development Method:
https://team-1611863854506.atlassian.net/jira/software/projects/B02/boards/1/backlog?selectedIssue=B02-2
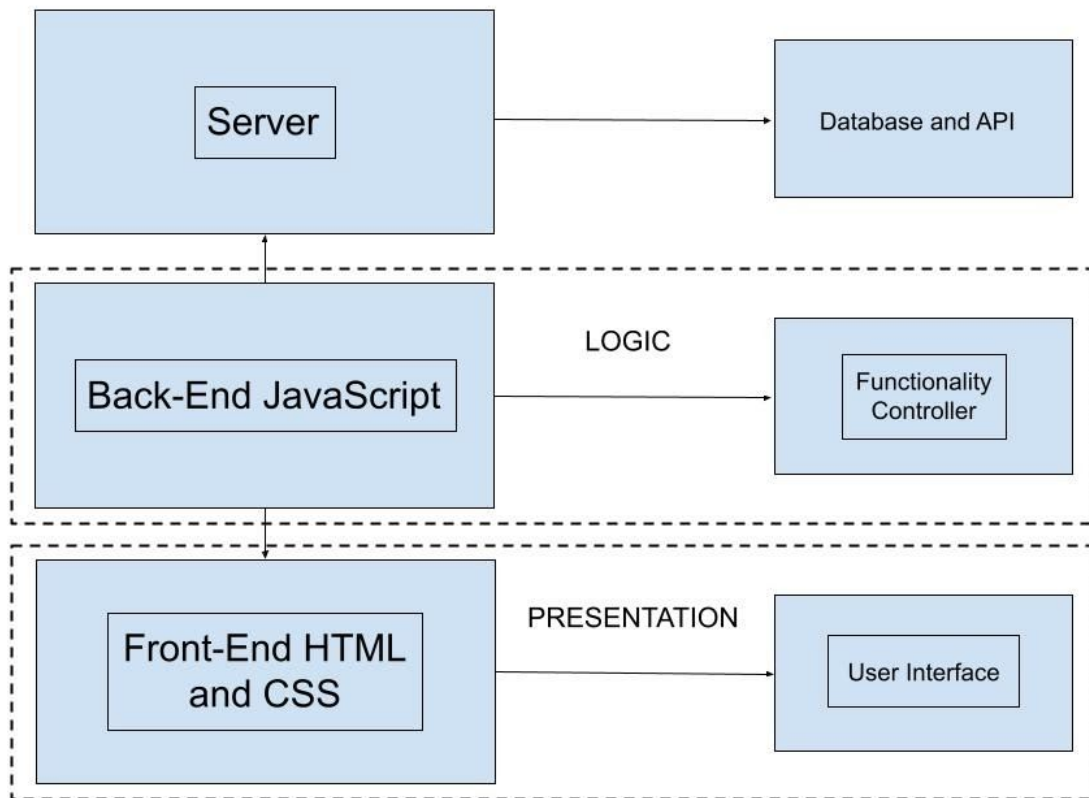The methodology we will be following is agile methodology and the iterative methodology for our project. Please refer to the above link for the four columns for the project board and user stories.

Communication Plan: For day-to-day communication, we have chosen to use GroupMe. We have already created the groupchat on it, and have been communicating. This will be used for communication outside of the main meetings (which will be on Zoom).

Meeting Plan: We will have a single 2 hour and 15 minute meeting per week on Sundays from 1-3:15 pm, with a built in 15 minute break at 2:00. We are using Zoom for this meeting. We also have a 15 minute meeting with our TA on Fridays at 9:20 am at the following link:
https://cuboulder.zoom.us/j/97473414998

Proposed Architecture Plan: The basic layout of the website (GUI) will be written in HTML and CSS. The backend handling of data processing and the like will be handled by JavaScript programs such as Node.js. The database system will be PostGre SQL.

Use Case Diagram:

Tourist

Interact with map

Save searches

View Boulder activities

Add items to wishlist

Create travel plans

Create an account/password

Suggest a Boulder activity

Reset a password

Suggestions to improve website

Share travel plans

Integrate features of their website with ours

Other websites

Ask permission to integrate their website

Business owner

Upload their business to site

Suggest edits to a description to their business

Add info such as website and phone number