

Team: 102-4

Group: Wolf-Gang Amadeus

Members: Tyler Fansler, Dazong Chen, Titus Bard, Chinwei Yang, Ryan Swanson

Project Name: Come To CO!

Project Milestone 1

Application Description

A website that will help tourists navigate Colorado, and get the most out of what it has to offer. Most tourists that come to Colorado do not have the knowledge of the natives. As a result, tourists miss out on some of the best locations and hot-spots when visiting. *Come to CO!* is designed to be a central hub so that tourists do not miss the most important parts of our beautiful state.

The website will provide info on where the native Coloradan will go for dinner, where to meet people during the weekend, the best (and even hidden) hiking trails, and beautiful ski-areas. A user can type in the name of a city or town they would like to visit and will find a useful table describing the top activities in the area. If we have time, we would also like to integrate a map into our website to provide navigation to the best places in Colorado.

Colorado has so many outdoor activities, and some of them require guides. Companies could pay us to advertise their services on our website. This would generate revenue for our team. However, it is important that we support the businesses that we advertise. Restaurants can also be advertised on our website, this is another way of generating revenue. The ad's we would be displaying to our users have more impact because the user is already in Colorado or is going to Colorado, and are looking for things to do.

Vision Statement

"For tourists who want to enjoy the native life Colorado has to offer."

Version Control

Below we have attached the designated repositories with screenshots proving that we have shared access to all members and our TA.

Group Meeting Logs: <https://github.com/RyanSwanson141441/Group4MeetingLog>

Milestones: <https://github.com/RyanSwanson141441/Group4MilestoneSubmissions>

Code Repository: <https://github.com/RyanSwanson141441/Group4CodeRepo>

RyanSwanson141441 / Group4MilestoneSubmissions

Unwatch

1

Star

0

Fork

0

<> Code

Issues 0

Pull requests 0

Projects 0

Wiki

Security

Insights

Settings

Options

Collaborators

Webhooks

Notifications

Integrations & services

Deploy keys

Moderation

Interaction limits

Collaborators

Push access to the repository

tbardj3

sunny-simon

tylerfans

Srinjita Bhaduri

Awaiting Srinjita's response

Copy invite link

Cancel invite

Search by username, full name or email address

You'll only be able to find a GitHub user by their email address if they've chosen to list it publicly. Otherwise, use their username instead.

Add collaborator

RyanSwanson141441 / Group4CodeRepo

Unwatch

1

Star

0

Fork

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<> Code

Issues 0

Pull requests 0

Projects 0

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Add collaborator

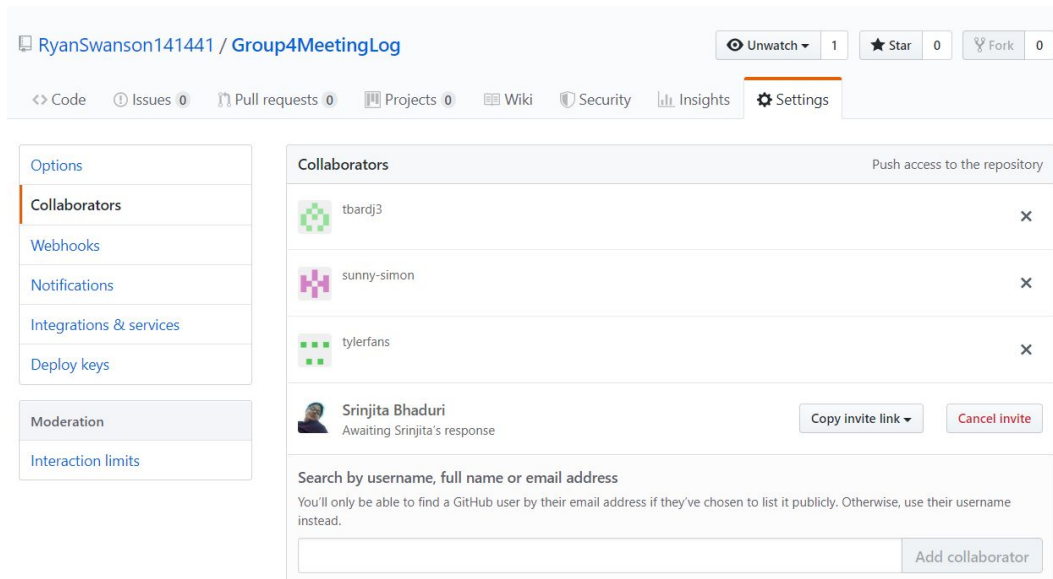


Figure 1: Screenshots of all contributors to GitHub repositories

Development Method

We will use the Agile Methodology, where we will have weekly iterations and discuss what we got done the week prior, what (if anything) went wrong the week prior, and what we need to do the next week. During the meetings we will talk about any suggestions we have for features, and what each person will be doing for that week. On Tuesdays during the meeting we will discuss the project requirements and talk about how we want to implement those requirements. Then, during the week, we will develop the software and meet back again on the next Tuesday for quality assurance. Then we will push the current version and test it ourselves to make sure it is all working, and the next iteration will start.

Communication Plan

Our main source of communication is via Slack. The Slack channel will be broken up into four subchannels. The first three channels will split up our front-end, back-end, and middle-layer development. The fourth channel will be for general discussions. On this channel, we will discuss design changes and designate additional meeting times throughout the week. If someone cannot be reached on Slack, we have each other's phone numbers and can text one another.

Proposed Architecture Plan

The frontend tools will be HTML and CSS to layout and add information for the websites. We plan to use the Python library, Django, to develop a professional web framework. The backend of the website will be a database to store all website information. We will use MySQL to maintain and manipulate the website's database. The frontend will communicate with the

backend over HTTP using AJAX. The website will be hosted locally until we can find a server to host our website.

Meeting Plan

Our team will meet face-to-face every Tuesday from 3:15-5:15pm in the JILA basement. During these meetings we will follow the agile method as described above.