



Caravan

09.27.2019

Team Get Some (Team number: 205-1)

Software Development CSCI 3308

Team Members:

Will Francis

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Mona (xuanpei) Tang

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Overview

Outdoor activity, profile based, outdoor meetup social networking and connection app. While we would like to create an app that will be compatible for all outdoor activities such as hiking and skiing our main focus for the app will start off by targeting mountain climbers by allowing them to meet up based on desire to share/need equipment, mutual availability, exploring new spots, climbing with similar skill levels, etc.

We think the best way for climbers to arrange meeting up is going to be based largely on two major factors; first, availability or preferred climbing times. Being able to connect climbers based on their schedules should be a top priority when connecting people. Second is climbing gear. We understand that mountain climbing is a very diverse and expensive hobby so allowing people to share equipment is a must when connecting.

We would like for people to be able to connect in the easiest and simplest ways possible. Allowing people to create group chats and join group-message channels based off how they prefer to connect to people (schedule, skill level, locations, etc.) in a simple, user-friendly manner.

Another way we think would help people connect is by implementing a suggested friends/group feature. We can do this by rating people's compatibility based on outdoor activity preferences, skill level, time availability etc.

Vision statement

To connect outdoorsmen, build a community, make outdoor activities easier and more fun.

Development Method

We will use Agile methodology to develop our application. The method led to following steps:

- 1) List out all the requirements based on customers for our application.
- 2) Planning on application construction
- 3) Design application
- 4) Develop the application based on our requirements
- 5) Release, and find customers to use
- 6) Track and monitor, receive feedback
- 6) ----> 1)

Version Control

GitHub git repositories:

<https://github.com/willfrancisgit/Caravan-Code>

https://github.com/willfrancisgit/Get-Some_Milestones

<https://github.com/willfrancisgit/Team-Get-Some-Meeting-Logs>

willfrancisgit / Get-Some_Milestones

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Collaborators Push access to the repository

sean-meachern	
Awaiting caitlyn-j-lee's response	Copy invite link Cancel invite
Awaiting Mona-Tang's response	Copy invite link Cancel invite
Awaiting TKnowlton017's response	Copy invite link Cancel invite
Shreshtha Pankaj Awaiting shreshtha-pankaj's response	Copy invite link Cancel invite

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Add collaborator

Communication Plan

We realized that in order to have a smoothly run team that meets deadlines and expectations we need to keep in contact through the entire process and know what is going on. We are using Slack so that we can directly message the entire group. Freedcamp is being used for our project management so that we can keep track of who has what job, plan future meeting dates, and to put all our files in one place. Meeting up at least once a week is also part of the plan so that deadlines are met.

Proposed Architecture Plan

Our front end will be made using Bootstrap for the UI and user interaction, likely using HTML and JS as languages. The front end will be a website where users can create and update profiles, communicate with other users, and search for other users. Our back-end will be an Apache SQL server. The main language that will be bridging the front-end and back-end will be a web application server built using Python.

Meeting Plan

We will be meeting face-to-face Mondays at 5 pm and Friday at 6 pm every week at Norlin Library.