

Team number: 014-8

Team name: Snow Buffs

Team members: Caleb Caulk, Neo Rieck, Drew Hockstien, Bill Black

Application name: Ski Website

Application Description:

Our application, Ski Bumz, is a convenient place to access all of your ski and snowboard information throughout the season. The app consists of two main sections, resort tracking and the ability to track your personal stats throughout the season.

The resort tracking feature will make planning your ski or snowboard trip a breeze. This will be where the user can access resort stats such as base height and trail information, weather information including predicted snowfall, and route information such as traffic and road conditions. The resort tracking feature will make planning your day on the mountain easy, having all the tools in one place. Users will also be able to leave trail reviews for other users to see. These reviews will allow users to choose which trails are best for them, given the conditions.

The application's other main feature is the ability to track your personal stats throughout the season. Users will be able to keep track of total ski days, lifts taken, total altitude skied or snowboarded. The ability to track your stats throughout the season allows users to keep track of their favorite runs and see how they are progressing from season to season.

Vision Statement: To provide skiers and snowboarders with current information about the mountains and their own riding, so they can continue to enjoy skiing and snowboarding.

Version Control: We will be using the GitHub repository provided to us:

https://github.com/CSCI-3308-CU-Boulder/3308SP21_section014_8.git

Development Method: We will be using the agile/scrum hybrid methodology. We will meet and have constant communication via zoom or groupme. We will have sprints that are 2 weeks to a max of 3 weeks long. We might not have daily stand up meetings but we will be able to talk to each other as needed. Each person will be assigned user stories and take a more waterfall method where each person works on their own but also will have access to each other if needed. We will also be using github share and edit each other's code. After the sprints we will meet and discuss what we did and then determine what to do for the next sprint. We will use this cycle for the period of time to create our Ski Bumz website.

<https://team-1611881509935.atlassian.net/jira/software/projects/F18/boards/1>

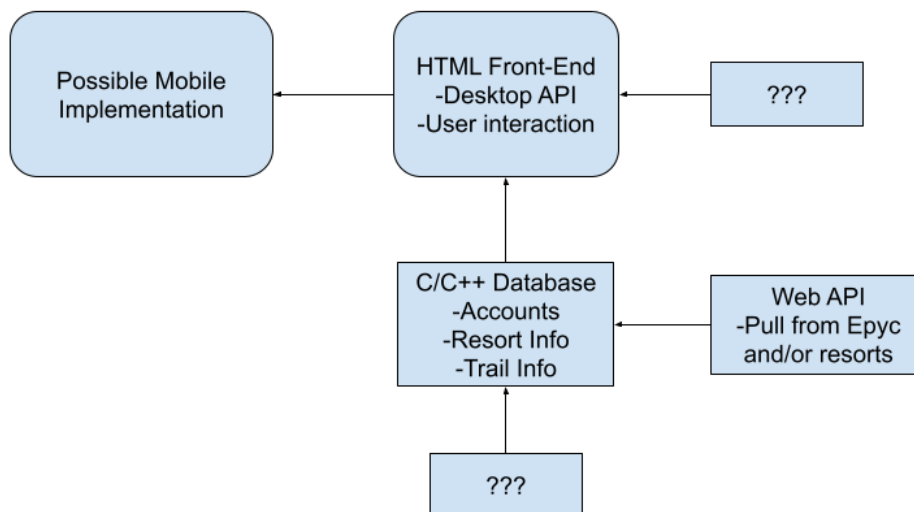
Communication Plan: For our day-to-day communication, our team plans to use GroupMe. We chose GroupMe because it is easy to access on our phones, it doesn't matter which phone brand you have, and it is free. Due to Covid-19, we will also be using zoom to communicate. Since we can't meet in person, zoom is an easy alternate that will allow us to have real time meetings. Lastly, for our specific project communication, we will be using the Jira software. Jira allows us to use and keep track of our agile project management easily.

Meeting Plan: We will be meeting with each other through a Zoom call

- Group meetings with TA: Weekly on Fridays, 4:30 PM - 4:45 PM at cuboulder.zoom.us/j/9942799443
- Group meetings: Sundays, 5:00 PM - 7:00 PM at <https://cuboulder.zoom.us/j/6795536579>

Proposed Architecture Plan:

Basic Architecture and Technologies



Use Case Diagram:

