Alexander Ward
Milestone 1

For project #1 I would like to build an app that helps to keep track of rock climbing sessions. The goal of the app is to allow users to easily view their previous climbing sessions, and to give them details about the session, such as how many problems they climbed and how difficult those problems were. The app will also keep track of where each climbing session took place, and users will have the ability to add notes about each problem they complete. My app's inspiration comes from my own personal experience as a rock climber, and my desire for an app like this. While climbing I have met many people who keep track of their climbing sessions in personal notebooks, which they have to carry around with them to the climbing gym or outdoors. My app would eliminate the need to carry around a notebook and a pencil, allowing climbers to pack lighter. Most climbers use apps like Mountain Project (a database of all climbing problems near the user) when they go climbing, so they already carry their phones with them.

The most similar app that I could find on the iOS app store is called MyClimb. MyClimb attempts to combine aspects of social media with rock climbing by having users enter specific problems they have climbed, and allowing them to compare their progress to their friends. Every time a user wants to add a new problem they completed on MyClimb they are prompted for the location or name of the climbing gym, the grade of the problem, the style of the problem, and any additional information they would like to add (pictures, tagging friends, etc.). The ability to compare your most difficult problems with you Facebook friends is an awesome feature, but the process of having to manually enter so many details is too tedious to do between every problem. One of the primary differences between my project and the MyClimb app is that my app will be focused around an entire climbing session, instead of just focusing on the most difficult problems that you complete. In order to accomplish this I plan to make the process of adding a problem to a session's history very simple. My plan is to have the user enter the location and date when they begin a climbing session, after that they would only need to press 1 or 2 additional buttons to add the problem to their list for that session. At the end of the climbing session the user would simply press a 'save session' button, and the session would be added to their history. I would like to keep my app as simple as possible, so at the main screen the user will be prompted with only two options, 'Start Climbing Session' and 'View Climbing History'.

Climb Tracker

Start Climbing Session

View Climbing History