**Criterion A: Planning**

The Scenario:

My client will be myself and Kevin Zhao, a varsity runner on the Skyline High School Cross Country team. My advisor will be Henry Hu, a senior software developer at Visa Inc. The problem is that for cross country running, tracking mileage ran every day is essential to see your progress. Over the summer, my friend Kevin Zhao created a Google Excel document that organized our runs and mileage. This method was inefficient and was not readably accessible on a mobile device. The solution is my simple, Android mobile application. The application is a simple, mobile running diary that allows the user to log a run and view their runs in a separate page. This way, runners can conveniently see their personal progress and track the number of miles they have ran over the week or summer to have a successful cross country season.

The application will be as simple as possible. There will be a start screen which contains two options for the runner or user, prompting them to either log a new run or view their past runs. On the screen that uploads user data, there will be five variable essential in describing every run which consists of date, location, duration, distance, and description (as requested by Kevin Zhao). Once the user enters all the data, the data will be saved. Then, a home button will take the user to the start screen once more. Now, the user can view their recently entered data in a list form on a separate page. When I discussed my project with my advisor, we determined that, time-wise, the majority of my project will be the implementation and utilization of a database.

Stating Success Criteria:

1. A simple start screen containing two options on the start screen
2. A page that allows the user to enter data into text boxes
3. A database that stores user data
4. A page that accesses the database and loads the data
5. Buttons throughout that helps the user navigate between 3 simple pages