**Here are some issues we currently noticed:**

1. The way of drawing the precise grid map based on the scaler that map has

* We are trying to use two different software to build a grid map and output data, one is Autodesk CAD and another is ArcGIS, it may take some time to learn how to accomplish such task because these softwares are wildly used in the profession of architecture, so it may not have a direct way to achieve our goal.

1. The way to extract the grid map to the text file or any file system can be used permanently.

* Everything of transferring a map into data is made by the person with different software, it may need to be done by our application automatically in the future.
* The temporary solution for our file system is a simple text file, it is not encrypted and safe for a public software and may affect efficiency.

1. Build a mobile app (priority on Android), and some basic functions.

* Although we are taking the CSE 470J (mobile app), but there are many technical difficulties in using visual studio, C#, and Xamrain. And the good news is we at least should know something about how to make a mobile application.

1. The initial data structure may not fit our planned algorithm (A\*).

* Because our initial algorithm is still under progress, the data structure might be changed in the future.

1. Our progress speed is low.

* Most portion of this project is out of our knowledge base.

**Here are something we are focusing on:**

1. How to build a useful grid map (by using two software).
2. Coding on A\* algorithm (based on Java Eclipse).
3. Building an Andriod app with basic interface.