**Mobile Solution**

**Description**

In order to create a mobile application to meet the complexity of the system, our team believes using PhoneGap. The software is free and applications can run on the Smartphones we listed which include Android, Apple, Blackberry, and Windows Phone. A lot of the other tools did not support Windows Phone. Creating a native application or hybrid, we have access to mobile’s internal features such as Contacts and GPS locations that can enhance the requirements of the system.

**Resources Needed**

PhoneGap can be use with Eclipse IDE which our team is familiar with. We need to have a basic understanding of mobile web development which includes using HTML5, JavaScript and CSS. Our team has some understanding of these languages and how they affect the behavioral of the web page. This solution will not required us to learn each platforms programming language.

**Limitations**

A limitation on using this solution is the cost of tutorials and IT support. It will also take time to learn the API and collaboration of the web languages mentioned.