

Developing a Smartphone Application for an Eagle Scout Project

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App Inventor was used to create a mobile application for Android smart phones to promote awareness in the many points of interest in my community. I live in South Middleton Township, Pennsylvania and created this application for my Eagle Scout Project. The main goal was to promote tourism by focusing on sites of historical significance, amenities, and other points of interest. The application features a title page where the user can select a specific page of interest. Once the user selects the page of a specific location, they are able to view a summary of the attraction, view a picture of the location, identify the address of the point of interest, view the location on a map and obtain directions using Google Maps. A back button feature to return to the title page was also included. The Eagle Scout Project guidelines require Boy Scouts to show leadership by managing the project. As such, I coordinated around twenty community members that provided each of the summaries and pictures. Each of the summaries and pictures was formatted for the application. I taught myself App Inventor using the tutorials on App Inventor and was able to complete the application for my Eagle Scout Project. The project has been tested, modified, passed user acceptance/approval, and is in its final stages before publication.