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From: Dalton Shoebridge

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Re: Audience & Task Analysis for Pacaya Surveying App

Potential User #1

The tour guides using this app fall into two different demographics. There are local tour guides who will mostly speak Spanish and may have less experience using a smart phone. However, they will be the most likely to be the most invested into the information the app is meant to gather. The second kind of tour guide will be from an agency and will be bilingual. They will have a smart phone and the know-how to properly operate the app and explain its importance to the tourists.

Potential User #2

Tourists at the volcano will have a wide range of age and ethnicity. They can be local tourists who visit the mountain often, or foreigners that are visiting from North America and Europe. Ages will range from high school students to retirees as well as their own comfort with technology. As for the interest in using the app, these users can also range from being novice volcanologists to being indifferent to the situation surrounding the volcano.

Task Analysis

The purpose of this application is to collect data on the Pacaya volcano in order to assess risk for eruption and monitor activity. With the app, the users will be able to take pictures of different significant events at the volcano such as fumaroles and lava flows. They will then input any other data that they can assess from the situation such as plume height along with their photo. All information will then be filtered and sent to the scientists to study and assess the condition of the volcano.