

## CS 458 Project

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Last Modified: 10/14/2015

Our software project is to create a phone application usable on multiple platforms that prompts users with assessments for health psychology research. The application will need to be simple, user-friendly, and functional. Participants may open the application to complete an initiated assessment at any given time, but the application will also be able to prompt the user about five times a day with random assessments during a specific time period that the user may specify and prompt the user with a daily assessment at the end of each day. These assessments have been created by Carrie Aigner from the HSU Psychology department and include questions related to actions such as tobacco smoking, alcohol use, etc. Each assessment must have a user ID associated with it as well as a time and date stamp. The data from each assessment must be saved somewhere other than the user's mobile device that is accessible only to Carrie. If possible, the data should be able to replicate itself in an Excel type spreadsheet for Carrie to view and record.

The primary goal of this project is to implement Carrie's assessments into a usable application that participants can access via their mobile devices. In addition, the assessments are not static and should be able to change. Our project also entails creating an interface for Carrie that is easy to use and allows her to alter, insert, and/or delete assessment questions that will in turn update in the phone application.