List of Requirements:

-Web application

- The application shall be accessible from a web browser.

- The application shall allow a user to create an account.

- A username shall be required from the user.

- A password shall be required from the user.

- The user login information shall be stored in a database.

- The application shall allow a user to login.

- The user login information shall be verified with the database.

- The application homepage must have all essential elements:

- The homepage shall have a map. (recommended Googlemaps API)

- The homepage shall have button access to questionnaire.

- The homepage shall display the username.

- The homepage shall allow a user to access account information.

-Map popup

- The map shall be displayed upon successful login on the homepage.

- The map shall display pinned locations of a user’s top locations after completing the questionnaire.

- The user shall be able to click on a location specific pin and see a picture of the location. (recommended Flickr API)

- The user shall be able to click on a location specific pin and see information of the location.

-Questionnaire

- The questionnaire shall contain at least 3 empirical statistics.

- The user shall be able to rate the statistics with a scale of 0 to 5 based on personal importance.

- The formula for calculating locations shall place higher importance on larger inputs.

- The formula shall output different locations dependent on different inputs.

- A user shall be able to complete the questionnaire multiple times.

- The results of the questionnaire shall be presented to the user as a list.