High Level Requirements for LionPals

1. The Friend Finder service will include a web interface using a <u>Web View</u>, but must be flexible enough to implement alternative front-end <u>Views</u>.
2. The <u>User</u> must be able to access Friend Finder via the most popular web browsers.
3. If the <u>User</u> is not signed-in when accessing the website, the <u>Welcome Page</u> will be displayed in the web browser.
4. The <u>User</u> must be able to create a <u>User Account</u> so that they can login the next time they visit the site.
   a. From the <u>Welcome Page</u>, the <u>User</u> must go to the <u>Signup Page</u> to create a <u>User Account</u>.
   b. The system must maintain a list of <u>User Accounts</u> in the <u>User Account Set</u>.
   c. When creating a <u>User Account</u>, the <u>User</u> must give a valid <u>E-mail Address</u>, <u>Username</u>, and <u>Password</u>.
   d. When logging-in, the <u>User's</u> <u>E-mail Address</u> and <u>Password</u> must be matched against the <u>E-mail Address</u> and <u>Password</u> stored in the <u>User Account Set</u>.
   e. The <u>User</u> must be able to change their account details on the <u>Account Details Page</u>.
5. The system must be able to provide friend recommendations based on both the <u>User's</u> <u>Degrees List</u> and the <u>User's</u> <u>Interest List</u> specified in the <u>User Account</u>.
   a. The <u>User</u> must update their <u>User Account</u> with a major and interests before being shown friend recommendations.
   b. Friend recommendations will be generated by using an <u>AI Service</u> to compare the <u>User's</u> major and interests with the majors and interests of other <u>Users</u> in the account list.
6. The system must maintain a <u>Friends List</u>, a <u>Dismissed List</u>, and a <u>Recommendations Queue</u> for each <u>User</u>.
   a. The <u>User</u> must be able to view their <u>Friends List</u> on the <u>Friends Page</u>.
   b. The <u>User</u> must be able to view their friend recommendations from the <u>Recommendations Queue</u> on the <u>Recommendations Page</u>.
   c. Other <u>Users</u> in the <u>User's</u> <u>Dismissed List</u> should not be shown as future friend recommendations.
7. On the <u>Recommendations Page</u>, the <u>User</u> must be able to approve or dismiss the given recommendations.
   a. Recommendations that are approved are added to the <u>User's</u> <u>Friends List</u>.
   b. Dismissed recommendations must be added to the <u>User's</u> <u>Dismissed List</u>.