**Technical Specification Document**

1. **Team Name:**

The Fighting Mongooses

1. **Team Members**

Michael Nollette

Tim Thor

1. Upon system startup and verification of running conditions the software system shall present the Login Screen
2. Login Screen Options
   1. Create Account
   2. Log In
      1. Email
      2. Password
3. Upon create new account software system shall present an interface to collect specified information for immediate storage and retrieval for system use.
   1. User Inputs
      1. Email
      2. Password
      3. Submit
      4. Cancel
   2. Upon submission, the software system shall save the user profile() to a .txt file
      1. Perform verification that .txt file [Account Information] exists
         1. If .txt file does not exist, the software system shall display Yes/No message: [No File exists. Create one?]
            1. If user presses no, then the software system shall display status message: [No File to save User Profile. Going back to the Login Screen]
            2. If user presses yes, then the software system shall display the Login Screen
         2. If .txt file does exist, the software system shall display success confirmation message
   3. Upon cancellation, the software system shall display the Login Screen
4. Upon login software system shall display the Home Screen
5. Home Screen Options
   1. Add Search Terms
   2. Manage Search Terms
   3. View Notifications
   4. Settings
   5. Exit
6. Upon adding new search terms the software system shall present an interface to allow users to type one or more search terms
   1. User inputs
      1. Search Terms
      2. Submit
      3. Cancel

NOTE: After this point, all bullet points need to be fleshed out

* 1. Submit Clicked: Search Terms saved to .txt file
  2. Cancel Clicked: Display Home Screen

1. Manage Search Terms Clicked -> Load and display current search terms
   1. User inputs
      1. Edit
      2. Delete
      3. Exit
   2. Edit Clicked: Edit search term
   3. Delete Clicked: Delete search term
   4. Exit: Display Home Screen
2. View Notifications Clicked -> Load and display current and past email notifications
   1. User Input
      1. Delete
      2. Exit
   2. Delete Clicked: Delete notification
   3. Exit Clicked: Display Home Screen
3. Settings Clicked -> Load and display Settings Screen
   1. User Input
      1. Email Notification Frequency
      2. Exit
   2. Email Notification Frequency Clicked -> Load and display current Email Notification Frequency setting
      1. User Input
         1. Date/Time
         2. Submit
         3. Cancel
      2. Submit clicked: Save to .txt file
      3. Cancel clicked: Display Setting Screen
   3. Exit Clicked -> Display Home Screen
4. Exit Clicked -> Exit Application