The Social Network Must:

* Provide a common menu bar on every page (using a common PHP file would be a good idea here..)
* Allow new users to create an account
* Not allow current users to create a new account (with the same email)
* Allow current users to login
* Redirect a user from the login page if they are already logged in
* Allow logged in current users to logout
* Allow current users to search for friends by some features (name or email at least)
* Allow current users to add friends
* Allow current users to delete friends
* Allow current users to edit their information after their account has been created
* Allow current users to provide a status update
* Record all status updates and display the 5 most recent on the current user's profile page
* Display the 20 most recent status updates of the current user and their friends (20 total, not each)
* Implement only 2 of the additional features listed below
  1. Verify newly created user account:  
     Email a new user upon the creation of their account and give them some link to follow in order to activate their account. You must not allow them to login to their profile page until the account has been activated. Also, you must not let them create a new account with the same email address.
  2. Facebook like friends:  
     Allow current users to submit friend requests rather than add friends. Allow current users to reject or accept friend requests (you don't have to let them "not now" someone). If current user A has submitted a friend request to current user B, but B has not accepted A, then A cannot view B's profile.
  3. Comments:  
     Allow a current user to comment on the status of their friends.
  4. Security:  
     Prevent all SQL injection and JavaScript injection attacks (mysql\_real\_escape\_string, removing '<' and '>', etc..)
  5. Dynamic display:  
     Dynamically load older statuses if a user/friend clicks on some (read more) link, dynamically create status updates, and dynamically allow a user to edit their profile. (We have not talked about this. It involves AJAX or Asynchronous JavaScript and XML.)
  6. Friend Search:  
     Replace the members page with a friend search page. Allow a current user to search through the entire database by name or email in order to find/add a friend and display the results along with thumbnail images of the users in the results.

### **Page Descriptions:**

* index/login page
  + Login form containing the following:
    - email/username
    - password
  + Some logo or simple site description
  + Any links that are necessary
* new/create user page (This can be combined with the index page if you so desire.)
  + Create user form containing the following:
    - First Name
    - Last Name
    - Email Address
    - Password
    - Re‐Entry of Password
    - Image upload feature
    - Gender (optional)
    - Age (optional)
    - Any other reasonable data
  + Some logo or simple site description
  + Any links that are necessary
* home page
  + Display the last 20 status updates made by the current user and their friends (20 total, not each)
  + Some logo or simple site description
  + A menu that allows users to navigate to their profile or any other that they have access to on the site (profile, help, about, contact, etc..) in addition to allowing them to logout
  + Any additional features that fit on a social network's home page are encouraged but not required
* profile page
  + Display the last 5 status updates made by the user that belongs to the profile
  + Display the information of the user who the profile belongs to
  + If the profile page belongs to the current user, then give them an option to edit the page
  + Some logo or simple site description
  + A menu that allows users to navigate to their profile or any other that they have access to on the site (home, help, about, contact, etc..) in addition to allowing them to logout
  + Any additional features that fit on a social network's profile page are encouraged but not required
* friends list page
  + Display the friends of the current user
  + Some logo or simple site description
  + A menu that allows users to navigate to their profile or any other that they have access to on the site (home, help, about, contact, etc..) in addition to allowing them to logout
  + Any additional features that fit on a social network's friends list page are encouraged but not required
* members page
  + Display all of the members of the social network (not including the current user
  + Allow users to add people from the members page to their friends list
  + Some logo or simple site description
  + A menu that allows users to navigate to their profile or any other that they have access to on the site (home, help, about, contact, etc..) in addition to allowing them to logout
  + NOTE: This page can be replaced if you pick option 6 as one of your additional features
* logout page
  + Kills the user session and redirects to the index page. Nothing more, nothing less.