3) Data definitions:

* Users - There will only be one user level, “user.” Will have access to view other users’ profiles, create posts, upload images and interact with other users. Users will have access to manage their own data. IE: Delete images, edit profile and posts.
* Profile – Users’ page, will contain place holder for personal information.
* Images – Users’ will be able to post images in jpg, jpeg or png file formats.
* Posts – Users will be able to create a “post” which will be added to the profile.
* Feed – Website homepage, gives users a scrolling page with the newest posts from connected users.
* Friends – Users will be able to create connections with people they know. Accepting a friend will create a link between the profiles and allow users to see your posts and updates.

5) Initial list of high-level functions:

* Friend functionality
  + Must be able to create an array or library of users connected to one another, this will then share the posts from connected profiles to be shown on the homepage.
* Photo function
  + Function to validate image data type and to downscale images to a pre-determined resolution in order to manage data consumption and speed of use.
* Friend suggestion feature
  + This function will search through a users’ existing friends and search through friends list to connect to potential new friends, will give users the option to add or ignore the suggestion.
* Tagging functionality
  + Users must be able to mention friends or other users in posts that will then notify them of the tag and direct them to the tagged posts.