**PenFriends Feature List**

* Different sidebar for admin vs public
  + Main wall
  + Dashboard
  + Seeking penpals
  + Updates
  + Inbox (with number of unread messages, read = false)
  + logout

**Objects =**

* Admin (one to many with resident)
* Resident (one to many with admin)
  + Picture attribute
  + Letter attribute
* PenPal (many to many with resident)
* Notifications (one to many with penpals, one to many with admin)
  + Person who created message
  + Info of the resident who they want to be pen pals with
* Read (default = false) 🡪 changes to true when read button click
* Seeking pen pal posts (one to many with admin, one to many with resident)
* Update posts (one to many with admin, many to many with resident)
* Letter
  + Subject
  + Body
* Login and registration w/ validation
  + First name
  + Last name
  + Email
  + User Category
    - Activity Professional
    - Public Pen pal
  + Password
  + Confirm Password
* Dashboard for admin
  + Create post ads (seeking penpals)
  + Create post updates
  + Create residents
* Dashboard for penpal
  + Who their penpals are
  + Change name
  + Change password (Lisa knows how)
* Resident specific pages (accessible only to admin)
  + With resident info
  + Edit info
  + Resident picture upload (Julie knows how)
* Public social wall of residents seeking penpals (ordered by least number of penpals first)
  + Resident picture upload (Julie knows how)
  + Name
  + Bio
  + Interests
  + Who the activity professional is
  + Button to send notification to admin when someone is interested in working with that penpal
  + \*Hope to integrate this with Facebook somehow
* Inbox page for admins and for penpals
  + notification info (become penpal automatically, add to resident many to many)
  + Click read
    - then notification sent to penpal
  + Upload letter
  + Send letter
  + links to letters
  + notification when letter received
* Letter page
  + Full letter from the penpal to resident
* OPTIONAL: Updates wall with posts