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Final Project Proposal

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Unnamed Photo Application

* Multiple users identified via username and password
* Home screen will have options to enter username and password as well as add new user
* Password Locked Entry
  + Exact match of letters, numbers, capitalization
  + After 3 wrong attempts, user locked out for 5 minutes
  + User required to shake phone (API: Gyroscope) after password entry in order to enter app
  + Reset Password
    - Need to match old password in order to reset
      * If wrong, user alerted
* Photo Gallery
  + Small icons that preview photo
    - When pressed, open individual photo
  + Menu
    - Add Photo
      * From application
        + Opens camera (API: Camera)
      * From photo gallery in phone
        + Given option to delete from actual phone gallery when adding to app
      * Associate a name with the image
      * Associate current location with the image (saved in background) (API: GPS)
    - Delete Images
      * Allows user to check images and delete selected ones
    - Sort by name (A->Z && Z->A)
    - Sort by location
    - Log Out
* Key Features
  + Allows for privacy of photos from prying eyes by keeping them off the photo gallery and password protected
  + On-phone means that you can access them everywhere
  + Ease of finding key memories by searching by location or name

FN: Mobile / LN: App

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Gender: Male