COSC360 Project Design Document

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April 1, 2017

myFashionForum

Summary:

The MyDiscussionForum project will take the form of myFashionForum, a website centered around well-dressed male individuals. The site will feature user-driven content such as text posts, as well as externally linked posts. Posts will be viewable to guest as well as users. Registered users will be able to reply to posts and participate in discussion via comments. User profiles will have a username and email associated with their account, so that they may recover forgotten passwords. They will also be able to upload a profile picture of their choosing. Posting will be divided into several categories (TBD) for ease of navigation. The site will feature responsive design, and be viewable on mobile devices.
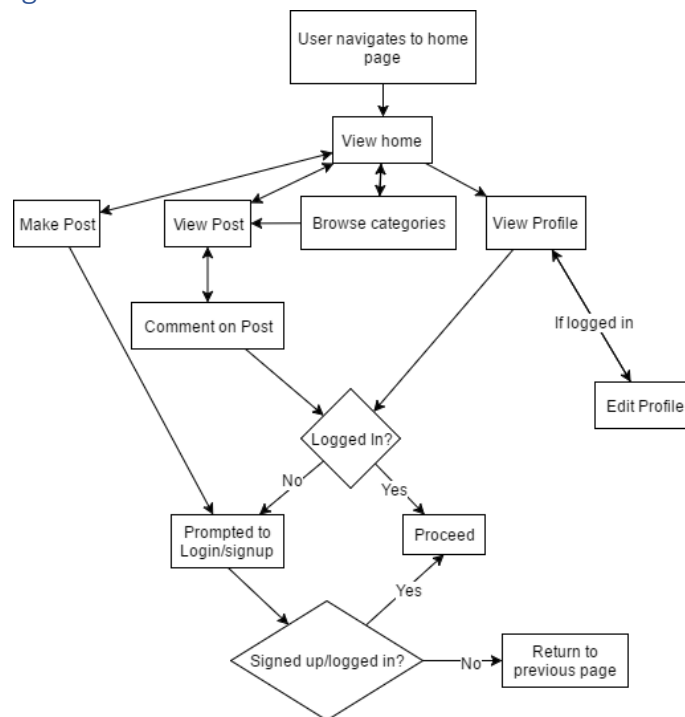
Plan:

Organizational Plan
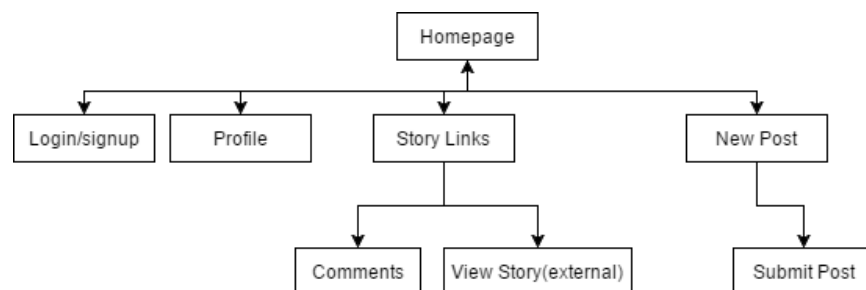
a.
   i.   Page hyperlinking
   ii. Specifically, the login page will simply be a popup box.

User Logic Flow

b.
  i. Basic user experience flow diagram
  ii. User must be logged in to do anything other than view posts

Layout Plan

c. Main Page

  i. Notes: Main layout is same on all pages, only center and right columns change

1. On profile page, center/right is profile information, edit/save
2. On New post page, center is post editor
3. Footer at bottom of pages, same sized as header
4. Left sidebar will contain categories

Security

d. *Form validation:* Javascript will be used to ensure proper and complete information is submitted when and form data is processed.
e. *Content security policy:* ensure no inline javascript is processed

Website

[myFashionForum](#)

[Github](#)

Feature Summary

1. Signing up
   a. Guests may sign up by providing a username (3-15 characters), password (4-10 characters, at least one uppercase letter, one lowercase letter, one number)
   b. Users may then login by providing username and password
2. Posting
   a. Registered users can make posts, and include things like a title, a link to a website which is optional, and have a block of text to start the conversation
3. Commenting
   a. Registered users can make comments on any post, and see their comment once it is posted
4. Browsing
   a. Guest users may browse all posts, but may not make their own, or comment on posts
   b. Users may click on a post to go to the link, or click on comments to view comments on that post
5. Profile
   a. Logged in users may upload a photo of their choosing
6. Admin
   a. Logged in administrators may access the admin control page by going to their profile
   b. Admins may view a list of users on the admin page
   c. Admins may ban users, or make another user an admin

ER Diagram
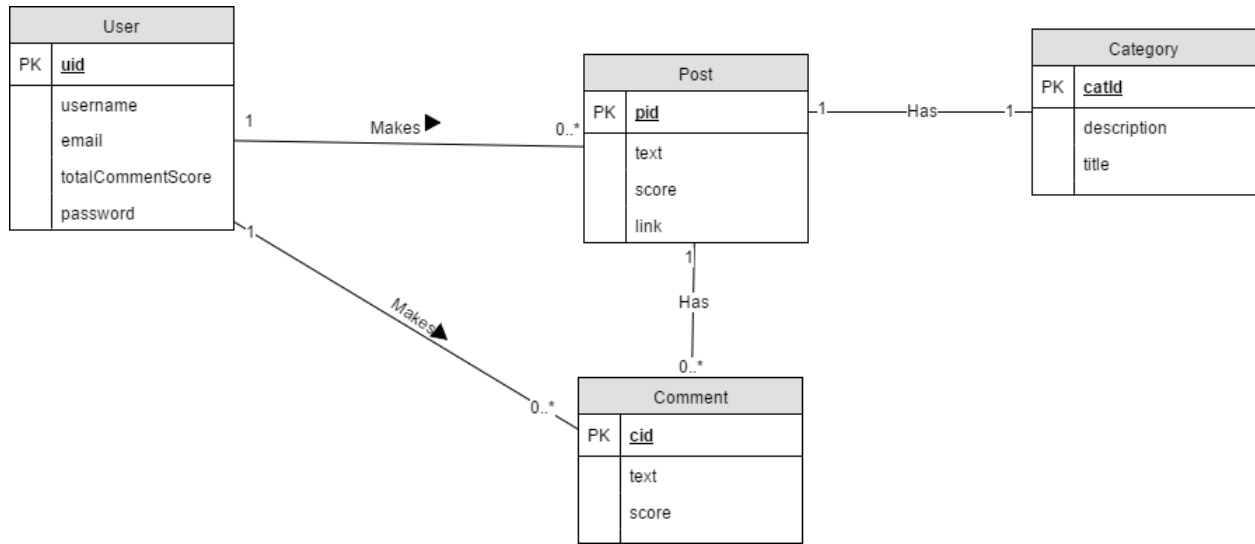
ER diagram showing the database relationships.

Admin Account

Username: mackosx

Password: Pass123