Shawn Dixon

CS 350

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Dr. Seaman

Uncle Ed Software – Project Planning

**Constraints**

1. Time – April 1, 2018

2. Function – Facebook lite

3. Money -- $10K \* 6 months \* 5 people = $300K

**Features**

* Profile
  + The user should be able to create a profile.
  + The user should be able to add their, username, password, email, and age to their profile.
  + The user should be able to sign-in & sign-out.
  + The user should be able to delete their profile.

* Pages
  + The user should be able to create a new page.
  + The user should be able to add and display page information.
  + The user should be able to add a page picture.
  + The user should be able to check the number of page followers.
* Threading
  + The user should have a home page thread.
  + The user’s home page thread should display all recent page posts.
  + Pages should have a thread of recent user posts on the page subject.
  + Page owners should be able to remove posts on the page thread.

* Following
  + All users have the ability to follow a page.
  + All pages have a follower count.
  + All users have the ability to stop following a page.
  + A page owner can remove a follow if needed.

**User Stories**

Profile

The user should be able to create a new profile. During the profile creation the user should be able to enter their username, password, email address, and optionally their age. Then the user should have the ability to sign-in to their profile, as well as sign-out of their profile. Then if a user no longer enjoys the application, the user should be able to delete their profile.

Pages

A user should be able to create a new page with content that they enjoy. A page should include text of the content and a user can have a picture associated with the page if the creator wants one. The user should be able to display the page to other users who enjoy similar content. The page owner should be able to see how many followers the page has to determine if they want to keep adding content to the page.

Threading

When a user signs-in to their profile, their home page should display a main thread. That main thread should consist of content that the user enjoys, which will be determined by what they follow. The thread should only consist of recent content from the user’s followed pages. When a user clicks on a page, the page should have a thread of its own, that page should have content related to the page, posted by other users who enjoy the same content. If content is added to the page thread that is not related, the page owner should be able to remove the post from the thread.

Following

When a user clicks on a page, and enjoys the content of the page, the user should be able to follow the page. The page should have a follower count, so that other users can see how many other people enjoy the same content. If the user decides that the page content is no longer of their enjoyment the user should be able to stop following the page. If a page has a user who posts inappropriate content the page owner has the ability to block a user from following their page.

**Milestones**

* Phase 1 – **Prototype**
  + Proof of concept – all key tech
  + Dec 1, 2017 - $100K
    - The **profile** feature will be fully implemented.
    - The **pages** feature will be fully implemented.
* Phase 2 - **Minimum Viable Product**
  + Essential Features only
  + Feb 1, 2018 - $100K
    - The **threading** feature will be fully implemented.
    - The **following** feature will be fully implemented.
* Phase 3 - **Fully Viable Product**
  + Important Features only
  + April 1, 2018 - $100K