Team 14 - Sprint 2 Retrospective

**Hot TopiX**



**Team Members:** Connor Brown, Hunter David, Steve Eisner, Baxter Govan, Ryan Klinedinst, Victor Pan

**What did we do well?**

**User story #1:** As a user, I would like to register a new account.

|  |  |  |  |
| --- | --- | --- | --- |
| # | Description | Estimated time | Owner |
| 1 | Store new User information and retrieve from MongoDB | 4 Hrs | Connor |
| 2 | Encrypt password prior to storage in the Database | 2 Hrs | Connor |
| 3 | Connect the Node.Js Server to the Bootstrap Create User Page | 4 Hrs | Steve |
| 4 | Implement a check for invalid email or existing email | 4 Hrs | Connor |
| 5 | Implement affirmative message for successful account registration | 1 Hr | Steve |
| 6 | Testing | 1 Hr | Connor |

**Completed:** All the functionality for this user story were completed except for the affirmative message for successful account registration. We will add this for the next sprint. Bcrypt was used for encrypting the password and existing email was checked for in the database. Also, there is a check for invalid email format.

**User story #2:** As a user, I would like to be able to log into my existing account.

|  |  |  |  |
| --- | --- | --- | --- |
| # | Description | Estimated time | Owner |
| 1 | Verify that the input email and password match values stored in the database | 7 Hrs | Connor |
| 2 | Implement error message given invalid information | 3 Hrs | Connor |
| 3 | Forward successfully logged in users to their Timeline | 2 Hr | Connor |
| 4 | Add database support for retrieving a user given email/password | 2 Hrs | Connor |
| 5 | Testing | 1 Hr | Connor |

**Completed:** All the functionality for this user story was completed except for the error message when logging in with invalid credentials. Currently it just reloads the login page and doesn’t continue to the stream. This will be implemented in the next sprint. All the other tasks in this user story were completed.

**User story #3:** As a user, I want to be able to edit my profile

|  |  |  |  |
| --- | --- | --- | --- |
| # | Description | Estimated time | Owner |
| 1 | Connect the database to enable sending and receiving calls to change aspects of user’s profiles | 8 Hrs | Victor |
| 2 | Setup the UI to connect to the backend and change account info in the database | 5 Hrs | Victor |
| 3 | Testing | 1 Hr | Victor |

**Completed:** All the tasks for this user story were successfully implemented. The stream API we are using already implements storage for user data, so we chose to use their already functional storage methods through the API. A given user is able to change information in their profile, using calls to the API. Also, changes in the UI also reflect this such as information displayed in the edit profile page.

**User story #4:** As a user, I want to be able to customize a brief bio for my profile

|  |  |  |  |
| --- | --- | --- | --- |
| # | Description | Estimated time | Owner |
| 1 | Write call to edit the profile field in the database | 5 Hrs (each) | Hunter, Baxter |
| 2 | Display a user’s bio at the top of their profile page | 3 Hr | Steve |
| 3 | Unit tests | 1 Hr | Steve |

**Completed:** A user is able to edit information in their profile. However, we do not currently have a seperate “profile page”. There is an edit profile page which displays the information though. We are planning on creating a separate page to display user information during the next sprint. However for the purposes of this sprint, we would characterize these tasks as completed.

**User story #8:** As a user, I would like to be able to follow a user

|  |  |  |  |
| --- | --- | --- | --- |
| # | Description | Estimated time | Owner |
| 1 | Implement table of users and their followers | 10 Hrs | Baxter |
| 2 | Connect follow button to database call | 4 Hrs (each) | Baxter, Ryan |
| 3 | Testing | 1 Hr | Baxter, Ryan |

**Completed:** All tasks in this user story were completed. We were able to implement a ‘Follow users’ page where users can follow and unfollow other users. In addition, we also list out all available users to follow, users that the current user does follow, and the users that are following the current users

**User story #9:** As a user, I would like to be able to unfollow a user

|  |  |  |  |
| --- | --- | --- | --- |
| # | Description | Estimated time | Owner |
| 1 | Build user unfollowing method in server | 3 Hrs | Baxter |
| 2 | Implement unfollow button | 3 Hrs | Ryan |
| 3 | Implement unfollow data wipe in database | 4 Hrs | Baxter |
| 4 | Testing | 1 Hr | Baxter |

**Completed:** All tasks in this user story were completed as well. As of now, unfollowing is solely based on username, since no topics have been implemented. We currently have a UI page where any user can unfollow another user, and this UI page lists the followers/followings of the current user. This will be another task for the next sprint.

**User Story #11:** As a user, I would like to be able to like a microblog that appears in my timeline

|  |  |  |  |
| --- | --- | --- | --- |
| # | Description | Estimated time | Owner |
| 1 | Implement Like Button | 5 Hrs | Steve, Ryan |
| 2 | Implement display to show that a microblog has been liked | 6 Hrs | Ryan |
| 3 | Add ability to unlike a post | 4 Hrs | Ryan |
| 4 | Testing | 1 Hr | Ryan |

**Completed:** All the tasks in this user story were completed using the stream API. Liking posts will show up after reloading the page. Likes are also saved for the future. For the next sprint, we will look at how to dynamically update this without having to reload.

Overall this sprint was much more productive for our team compared to sprint 1. We completed a great deal of our user stories and now have a good base project, to build off of and to add functionality to, for the next sprint. During this sprint, we managed to connect our stream page with each user’s timeline to our other pages and to the server, which is something we struggled with a great deal to complete for the last sprint. Also, we now have the ability to manage multiple users, each posting to their own timelines.

**What didn’t go well?**

Not many things ended up not going well during sprint 2. However, our project still does not implement topics for user posts, which is a fundamental part of the idea for Hot Topix. This will be one of our top priorities to complete during the next sprint. We knew that we could not get to this during sprint 2 due to the remaining work we needed to implement from sprint 1, so we didn’t include any user stories dealing with topics. In fact, all our user stories chosen for this past sprint were completed.

**What can we improve on?**

We think it would be a valuable endeavour for team members to know about both the frontend and backend, and how to contribute to each. Therefore, our team thinks team members should switch roles (i.e. frontend/backend) for certain user stories during the next sprint in order to increase everyone’s overall knowledge of the project. In addition, starting a little bit earlier on user stories will help the team out greatly with allocating time for unexpected errors. Also, we can always be more on top of managing tasks between team members with effective communication and coordination.