Team 14 - Sprint 3 Planning Document

**Hot TopiX**



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

**Sprint overview:** For our third and final sprint, we want to finalize our project with upgrades to the user interface and functionality. The whole system is functional, but the look of our website is not where we want it to be. Along the way, we also have to complete our advanced functionality: aesthetics, compatibility and accessibility. We plan for our application to have five different color schemes, mobile compatibility, and accessibility for users with disabilities. Our goal is to have a well-designed, functional, and accessible application at the end of this sprint.

**Scrum Master:** Hunter David

**Meeting plan:** Wednesday, 7PM, WALC 3060, Tuesday & Thursday 1:30-2:30 LWSN B155

**Risks and challenges:** The risks and challenges this sprint include working with the stream API and edit profile picture. We have to figure out how to store the image on MongoDB as well as pull the data to display as the user’s avatar on timelines. Also, making each page of the website get as close as possible to 100 on the Google Chrome accessibility audit score could be very time-consuming. Creating the color schemes and updating all the components with the different colors (especially the GetStream API) could also prove troublesome. There are also other challenges to editing and adding buttons/functionality to the GetStream API for adding topics as well as filtering posts by topics.

**Current sprint detail:**

**User story #1:** As a user, I want to quote another microblog

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| --- | --- | --- | --- |
| # | Description | Estimated time | Owner |
| 1 | Implement “quote” button in the Stream UI | 1 Hrs | Victor |
| 2 | Implement prompt for the user to add text to quoted microblog | 5 Hrs | Victor |
| 3 | Implement “quote” count on original post | 4 Hrs | Connor |
| 4 | Testing | 1 Hr | Victor |

Acceptance criteria:

* Given a user browsing their timeline, they should be able to “quote” a microblog by clicking a button.
* Given a user attempting to quote a microblog, the quote should be reposted.
* Given a user is successful in quoting another microblog, it should increment the number of requotes.

**User story #2:** As a user, I want to be able to see a user’s profile page with all their posts

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| # | Description | Estimated time | Owner |
| 1 | Given a user clicks a user’s name in the timeline, they are forwarded to that user’s profile page | 10 Hrs | Steve |
| 2 | Extend Stream API to show all individual user’s posts on their profile page | 10 Hrs Each | Ryan & Steve |
| 3 | Implement profile page in Navigation Bar | 2 Hrs | Victor |
| 4 | Display a user’s chosen bio at the top of their profile page | 3 Hrs | Steve |
| 5 | Display a user’s profile picture at the top of their profile page | 5 Hrs | Steve |
| 6 | Testing | 1 Hr | Hunter |

Acceptance criteria:

* Given a user browsing their timeline, they can click the username of any user appearing in the timeline and be forwarded to their profile page.
* Given a user viewing another user’s profile, they should be able to see that user’s bio displayed at the top.
* Given a user viewing another user’s profile, they should be able to see that user’s profile picture displayed at the top.
* Given a user viewing another user’s profile, they should be able to see all microblogs that user has posted.

**User story #5:** As a user, I want to be able to select a display image for my profile

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| # | Description | Estimated time | Owner |
| 1 | Add HTML support for uploading an image | 9 Hrs | Hunter |
| 2 | Implement a way to store a profile image in the database | 2 Hrs | Hunter |
| 4 | Display the user’s selected profile image at the top of their profile page | 5 Hrs | Baxter |
| 5 | Display the user’s selected profile image next to their posts in the Stream | 8 Hrs | Steve |
| 6 | Testing | 1 Hr | Hunter |

Acceptance criteria:

* Given a valid .PNG or .JPEG image file, populate the user’s profile information with the image.
* Given a user attempting to view another user’s profile, the profile should display the user’s selected profile image at the top of the page.
* Given a user browsing the timeline, all posts should have the author’s profile picture displayed adjacent.

**User story #6:** As a user, I would like to be able to delete my account

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| # | Description | Estimated time | Owner |
| 1 | Make queries for deleting an account and all of its associated data | 5 Hrs (each) | Hunter,Victor, Connor |
| 2 | Connect User not Found page to deleted accounts | 4 Hrs | Connor |
| 3 | Add a button to delete user’s account from Edit profile page | 2 Hrs | Connor |
| 4 | Testing | 1 Hrs | Connor |

Acceptance Criteria:

* Given a user clicks delete account, then the user must be logged out of the website.
* Given an account is deleted, then all information and posts from the user should be deleted.
* Given an account is deleted, the user should not be able to log in with their account information.
* Given a user views a deleted account, then the user should visit a user not found page.
* Given a user follows a deleted account, then the account should be removed from their followed account list and their posts should not be in the timeline.

**Completed:** A user is able to delete their account, and all of their associated data is deleted from the stream and the database. In addition, if the user tries to login to their deleted account, or sign up

**User Story #7:** As a user with disabilities, I would like to be able to easily view the application.

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| # | Description | Estimated time | Owner |
| 1 | Make Website Viewable on Mobile | 10 Hrs | Victor |
| 2 | Update Pages with better accessibility | 10 Hrs | Connor |
| 3 | Testing | 1 Hrs | Connor |

Acceptance Criteria:

* Given the application works on mobile, the UI is user-friendly, functional, and accessible
* Given a user on our web platform, the platform will meet the Web Content Accessibility Guidelines Version 2.0 defined by the World-Wide Web Consortium or above 80% on a lighthouse accessibility score
* Given a user on our mobile platform, the platform will meet the Web Content Accessibility Guidelines Version 2.0 defined by the World-Wide Web Consortium or above 80% on a lighthouse accessibility score

**User Story #8:** As a user, I want to be able to customize the color palette of my display.

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| # | Description | Estimated time | Owner |
| 1 | Create different color schemes for the website | 10 Hrs | Baxter |
| 2 | Implement a way to select different color schemes in the edit profile page | 2 Hrs | Steve |
| 3 | Save the selected color scheme in the database | 5 Hrs | Steve |
| 4 | Add way to update navbar, background, stream, based on the color scheme | 10 Hrs | Victor |
| 5 | Testing | 1 Hrs | Connor |

Acceptance Criteria:

* Given a user logged into our platform, if they wish to change their color scheme of the platform, they can do so on the edit profile page
* Given a user logged into our platform, if they change their color scheme, their preferences should be saved to the database for future logins
* Given a user logged into our platform, their preferred color scheme will be loaded when they log in

**User story #9:** As a user, I would like to be able to follow topics of other users that I follow

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| # | Description | Estimated time | Owner |
| 1 | Connect topic selection to the stream API | 8 Hrs | Ryan |
| 2 | Build dynamic topic selection | 6 Hrs (each) | Ryan, Baxter |
| 3 | Testing | 1 Hr | Ryan |

Acceptance Criteria:

* Given that topic selection works, when a user follows another user, the followed user’s topics are appear dynamically
* Given that topic selection works, when a user follows another user, the followed user’s topics are able to be selected and followed
* Given that topic selection works, selected topics are stored in the database

**User story #10:** As a user, I would like to be able to unfollow topics of people that I follow

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| # | Description | Estimated time | Owner |
| 1 | Build topic unfollowing method in server | 6 Hrs | Connor |
| 2 | Implement dynamic topic unfollow page | 5 Hrs (each) | Ryan, Baxter |
| 3 | Implement topic unfollow data wipe in database | 5 Hrs (each) | Ryan, Baxter |
| 4 | Testing | 1 Hr | Ryan |

Acceptance Criteria:

* Given that user unfollowing works, when a user unfollows another user, the unfollowed user’s topics data is
* Given that topic unfollowing works, a user should be able to unfollow specific topics from someone they follow
* Given that topic unfollowing works, the database should update when some topics are unfollowed

**User Story #11:** As a user, I would like to be able to accept or decline seeing more microblogs with new topic tags

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| # | Description | Estimated time | Owner |
| 1 | Build method for posts with new topics to show in a users timeline | 6 Hrs | Hunter |
| 2 | Implement button to allow the user to add a new topic to followed topic lists | 5 Hrs | Hunter |
| 3 | Testing | 1 Hr | Hunter |

Acceptance Criteria:

* Given a user you follow creates a post with a new topic you do not follow, it should show up in your timeline with a highlight showing that it has a new topic.
* Given a user has decided whether they want to see a certain topic from a certain user, new posts from that user will not highlight it as a new topic
* Given there is a post with a new topic, you should have the option to follow that new topic.

**Total Hours of All Team Members**:

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| --- | --- |
| **Name** | **Hours** |
| Steve | 43 |
| Hunter | 30 |
| Connor | 34 |
| Victor | 34 |
| Baxter | 31 |
| Ryan | 36 |

**Remaining User Stories from Backlog:**

* (If time allows) As a user, I want to be able to report microblog posts, that I feel are offensive
* (If time allows) As a user, I would like to be able to report another user for inappropriate or offensive content
* (If time allows) As a user, I would like to be automatically logged out if no user activity is recorded for 5 minutes or more
* (If time allows) As a user, I would like to be able to create a private account, where others cannot view my microblogs unless they are following me
* (If time allows) As a user, I would like to be able to request to follow a private account to view their posts
* (If time allows) As a user with a private account, I would like to be able to accept or decline follow requests
* (If time allows) As a user, I would like to see a recommend list of accounts to follow based on what’s trending
* (If time allows) As a user, when I go to follow another user, I would like to be able to see how many times s/he used each topic tag