Sprint 3 Planning Document

Team 30, Anqi Yu, yu208@purdue.edu

https://github.com/loveiszero/CS407-AnqiYu.git

Sprint Overview:

The focus of this sprint will be integrate media feed with front-end development. Most of the heavy lifting would be done through Node JS. Hence further node js and javascript learning curve is expected. The second biggest challenge would be how to work with the asynchronous design of angular framework.

Scrum Master: Anqi Yu

Risk/Challenges:

Since I spent a lot more time than expected on angular last sprint, I would allocate more time on front-end and hopefully find place to simplify things. In short, I'll be more cautious on time management on sprint 3.

User Stories:

2. As a user, I would like to input source of media feed from twitter user accounts.
3. As a user, I would like to input source of media feed from my Pocket account.
7. As a user, I would like to be able to retrieve my password if I have forgotten it.

Current Sprint Detail:

User Story #7 As a user, I would like to be able to retrieve my password if I have forgotten it.

Task	Category	Estimate Hours
Have a forget password option on front-end, asking user to input their email	Front-end	1
Learn how to send an email with through node JS	Learning	1
Write a back-end function that will send a link to user that can reset password	Back-end	3
Unit Testing	Testing	1

Acceptance Criteria:

- Given user click "forget password" on login page, user would be asked to input a email, and if user's email exist in database, user would get a email with a link to reset their password ;
- Given user click "forget password" on login page and input a email that does not exist in database, user would receive a email saying"Your Account does not exist in our database."

User Story #3. As a user, I would like to input source of media feed from my Pocket account.

Task	Category	Estimate Hours
User would be able to login to their Pocket account with oauth and the API that Pocket provided	fullstack	4
User's stream of feed would be presented on home feed	Full stack	3
Unit testing	testing	1

Acceptance Criteria:
- Given a user logs in pocket through oauth successfully, user can be notified if the connection is successful;
- Given user's pocket list of story is not empty, user should be able to view the scream of pocket feed on home feed;

User Story#2 I would like to input source of media feed from twitter user accounts.

Task	Category	Estimate Hours
Integrate web scraper with nodejs	back-end	4
Fetch the scrapped tweets from mongodb and sent to user on demand	Back-end	5
Implement front end notification when twitter user requested is invalid or does not have any new tweet	Front-end	3
API testing	Back-end	1
Unit Testing	Testing	1

Acceptance Criteria:
- Given user input valid twitter user , user can have the specified user's tweet on home feed;
- Given user input a invalid twitter user or the specified user does not have any new tweet for the past 48 hours, user should be notified accordingly;

Sprint 3 Demo prep work and beyond

Task	Estimated hours
Make a powerpoint listing features	0.5
Walk through features that would be demonstrated	1
Keep updating status of subtasks and have a short description on how API and testing went on the README file	~1.5~

Learn how to use node mail and angular routing	3

Total Hours: 34

Backlog

Functional

1. ~~As a user, I would like to create and log into an account.~~
2. As a user, I would like to input source of media feed from twitter user accounts.
3. As a user, I would like to input source of media feed from my Pocket account.
4. ~~As a user, I would like to set my daily time limit.~~
5. ~~As a user, I would like to be notified when my media consuming time exceeds specified time limit.~~
6. ~~As a user, I would like to be able to set a new password.~~
7. As a user, I would like to be able to retrieve my password if I have forgotten it.
8. ~~As a user, I would like to be able to delete my account.~~

Non-functional:

1. ~~This app works on web browser on desktop as well as cell phones (responsive web design).~~
2. ~~The user interface should be simple and clear.~~

If Time Permits:

1. As a user, I would like to filter out certain keywords or specific topics from my media feed;
2. As a user, I would like to be able to save contents I liked to "Favorites".
3. As a user, I would like to input source of media feed from YouTube accounts.
4. As a user, I would like to input source of media feed from a URL
5. As a user, I would like to input source of media feed from facebook user accounts.