

Sprint 1 Retrospective

Team 30 - Modesty by Angie Anqi Yu

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

What went well?

User Story #1 As a user, I would like to create and log into an account.

- Status : completed
- Users can create account, log into their account to the home page, as well as being remembered through cookie that is implemented with JsonWebToken in order to ensure maximum security without having user manually log in for each session.
- Both the backend and front end are implemented with the newest technology from open source JavaScript community.
- All of the elements of this web app, Express server, mongoDB and the angular frontend, followed the modular design. Each element went through unit testing before assembly.

Non-functional requirement went really well:

- The node JS package of my web app is setting up like a C programming makefile. All part of the web app can be started with one command. This simplifies the full stack development process tremendously.
- The API testing went well thanks to the Postman software
- The UI design went well thanks to my previous exposure to CSS and other frontend related basics

What did not go well?

User Story #2, 3 As a user, I would like to set my daily time limit; As a user, I would like to be notified when my media consuming time exceeds specified time limit.

- Status: not yet completed
- I have the UI element and back end API ready, but the angular notification module need more effort. The notification module takes longer than expected. Learning curve for Angular front-end is steep. At this point I wished I can go back with plain JavaScript, but it's a bit too late for that.
- The asynchronous function of Angular is the hardest part to implement the notification module.

User Story#4 As a user, I would like to input source of media feed from twitter

user accounts.

- Status: not yet completed
- The UI element is completed, the backend requires more time and effort, probably external help and possible design changes.
- The back end API that will connect with twitter's API would be the hardest part of this project.

How we can improve?

- The node JS package environment and mongoDB platform had been reeking some havoc in sprint one and causing a lot of my time went into debugging. In order to bring down the possible environment related shutdown, I would back up more frequently with git. As well as moving the local server into a virtual environment.

- Given the scale of this project is way beyond my previous experience, I would look for all the possible help that I could find.
- I would make the sprint planning document more detailed and plan more estimated time for each task;
- I would allocate more time for learning. Whether it's watching tutorial, reading books or learn from other's project.