Sprint 2 Plan
Atheneum
5/2/17
Completion date: 5/16/17

Goals: Implement user account functionality, have files be sorted by different criteria, begin Ethereum contract implementation

User Story 1: As a user I want to be able to have my own account so that I can upload my files, keep a list of files downloaded, and link my Ethereum wallet to my account to earn Ether.
> Task 1: Create account login feature (Google sign in or other method) -- 8 pts
> Task 2: Users can view which files they have uploaded and downloaded -- 6
> Task 3: View list of files based on desired sort (upvotes, subject, alphabetically, etc) -- 3
> **Total time for User Story 1:** 15 hours

User Story 2: As a user I want to be able to have an Ethereum contract be deployed when someone downloads my file(s) so that I can earn Ether.
> Task 4: Implement Ethereum contract -- 8 pts
> Task 5: Deploy Ethereum contract when a file is downloaded -- 5 pts
> **Total time for User Story 2:** 18 hours

Backlog:
> Task 6: Users can link their Ethereum wallets to their account -- 4
> Task 7: Ethereum contracts transfer Ether from downloader to file's owner -- 4

Team Roles:
Edwin Ramirez: PO, developer
Seth Little: Scrum master (Sprint 2), Developer
Ian Hardy: Developer
Cole Boyer: Developer
Nikola Panayotov: Scrum master (Sprint 2), Developer

Initial Task Assignments:
Edwin Ramirez: Work on Ethereum contract and contract deployment (Task 4,5)
Seth Little: Work on Firebase backend, integrate backend with frontend (Task 1,2,3)
Ian Hardy: Work on website frontend, integrate it with backend (Task 1,2,3)
Cole Boyer: Work on website frontend, Ethereum contract (Task 2,3,4,5)
Nikola Panayotov: Work on Firebase backend, integrate it with frontend (Task 1,2,3)