

CSCI 3308 Software Development Methods and Tools

Milestone 7: Final Project Submission

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1. Title: **Apollo**

2. Project Tracker: Trello

The project can be viewed within the project tracker at <https://trello.com/apollo183> (an email to access the project should have been received on 5/8/2017). Shown below are images of the main page as well as the various organizational boards used throughout the semester.

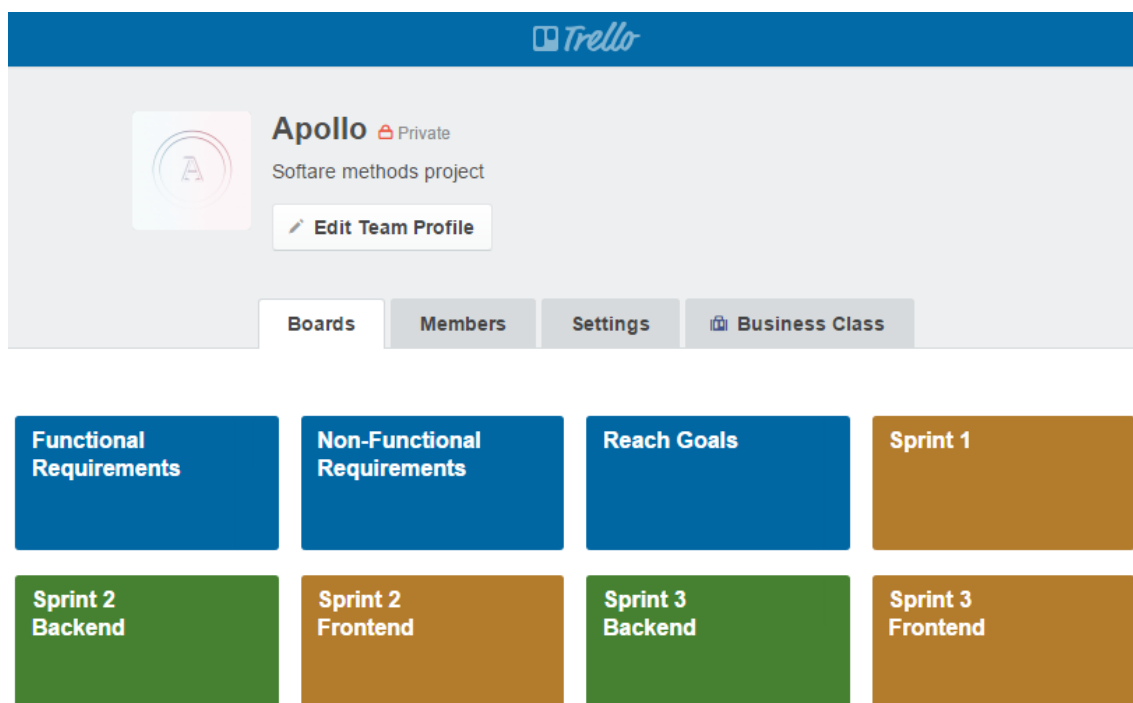


Figure 1. Project tracker main page.

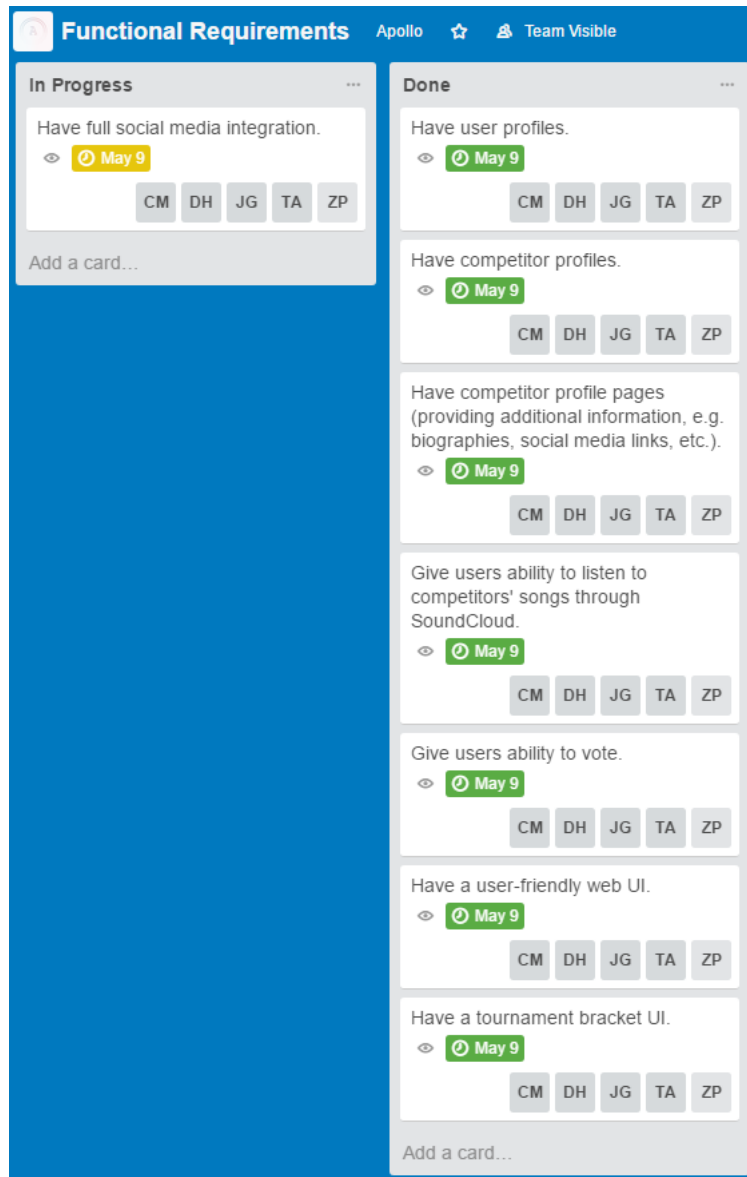


Figure 2. Functional requirements board.

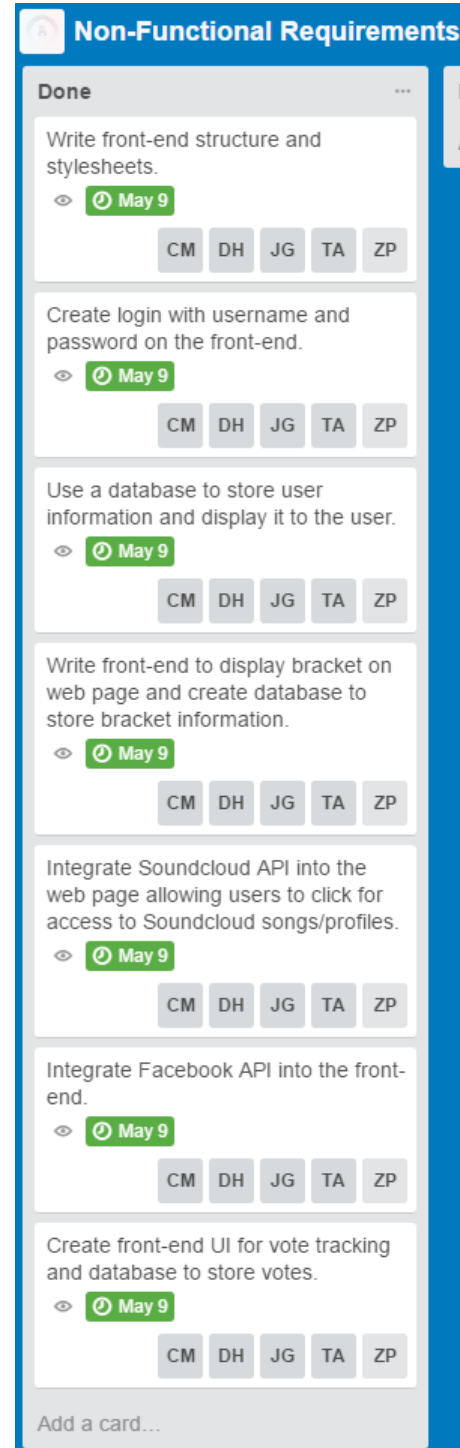


Figure 3. Non-functional requirements board.

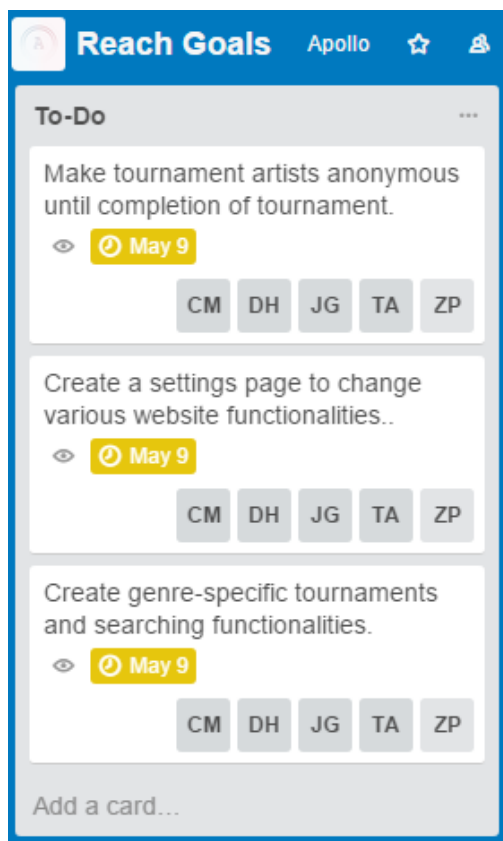


Figure 4. Reach goals board.



Figure 5. Sprint 1 board.

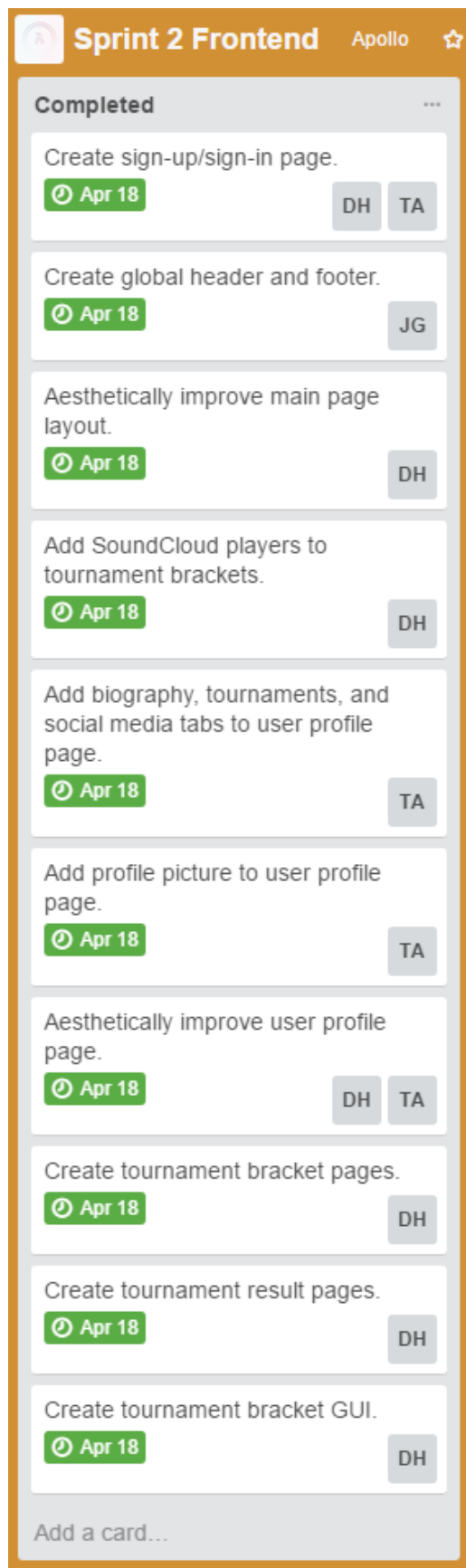


Figure 6. Sprint 2 frontend board.

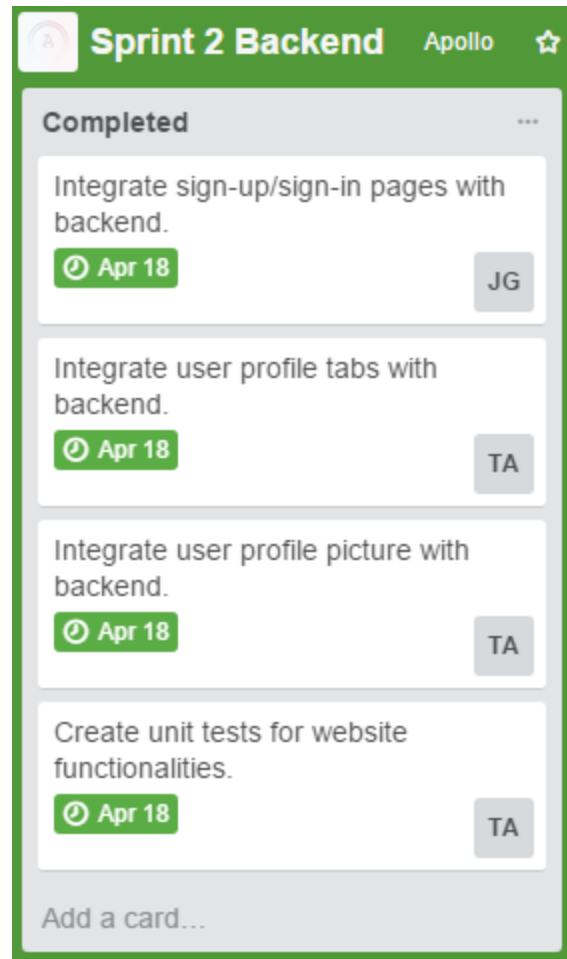


Figure 7. Sprint 2 backend board.

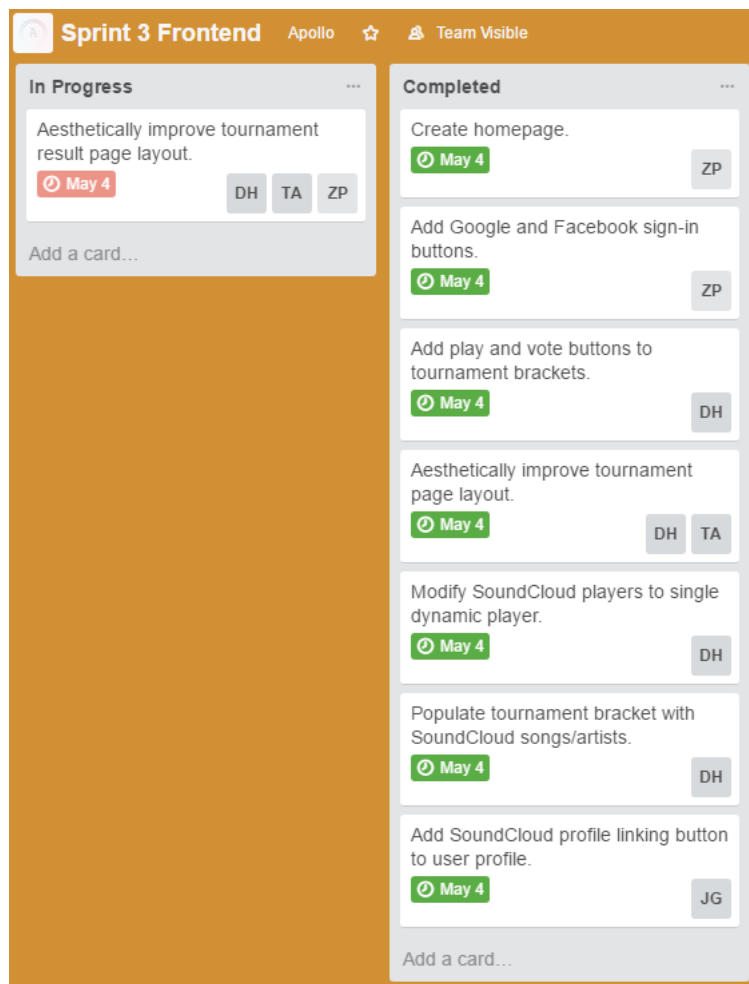


Figure 8. Sprint 3 frontend board.

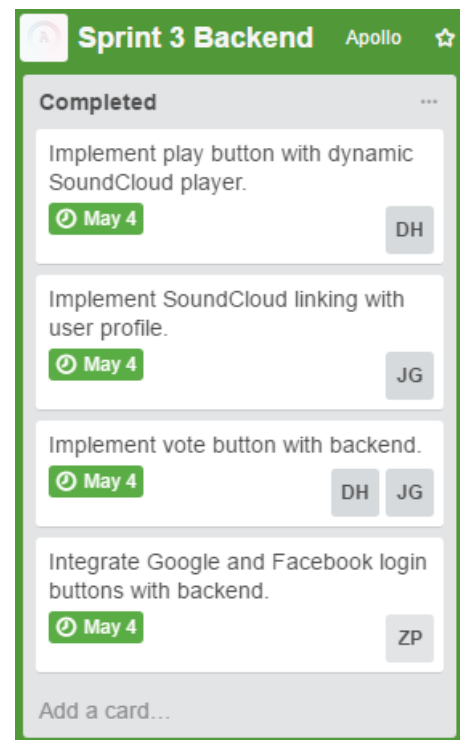


Figure 9. Sprint 3 backend board.

3. Video Demonstration: Due to GitHub's file size limitation, the video has been uploaded on the Apollo Google Drive as Apollo_Video_Demonstration.mp4 which can be located at https://drive.google.com/drive/folders/0Bwu7QJdn_gwOd2t2R1BnamJiYkk (an email to access the Google Drive should have been received on 5/9/2017).
4. VCS Repository: <https://github.com/taratani/Apollo>
5. Team Member Contributions: Given that GitHub was not consistently utilized throughout the semester, screenshots of individual GitHub commits would not be a valuable reflection of team member contributions. Therefore, contributions have simply been shown as lists shown below. Each member's contributions have been verified by every other member on the team.

Cameron

- Primary author of milestone submissions.
- Formatted and edited milestone submissions.
- Created both the preliminary and final project presentations.
- Managed project tracking software.
- Managed Google Drive documents.
- Set up initial website host through Google Cloud Platform (before FileZilla/Apache implementation).

Tyler

- Formatted some of the profile page.
- Created file upload for profile picture.
- Created bio upload for the profile.
- Optimized tournament page.
- Created unit tests for the file upload.
- Created unit tests for the biography.

Daniel

- Wrote both working bracket pages.
- Wrote front page (index).
- Added player.js to create soundcloud links.
- Filled tournaments with artists and songs.
- Made style changes to all pages.
- Contributed to milestone submissions.
- Primary front-end designer and implementer.

Jaden

- Wrote soundcloud php API.
- Wrote part of profile page.
- Created sign up and sign in feature.
- Added OAuth2 scope compatibility for Soundcloud API.
- Wrote global header and footer.
- Primary backend designer and implementer.
- Helped finalize bracket code.
- Wrote voting system.

Zhaozhong

- Wrote Google API.
- Wrote Facebook API.
- Wrote frontpage (homepage.php).
- Wrote sign up with Google/Facebook.

6. Deployment: Apollo was deployed online via an Apache server which instantaneously accesses source files through the cross-platform FTP application called FileZilla. Shown below is an image of the FileZilla GUI used to deploy the Apollo platform.

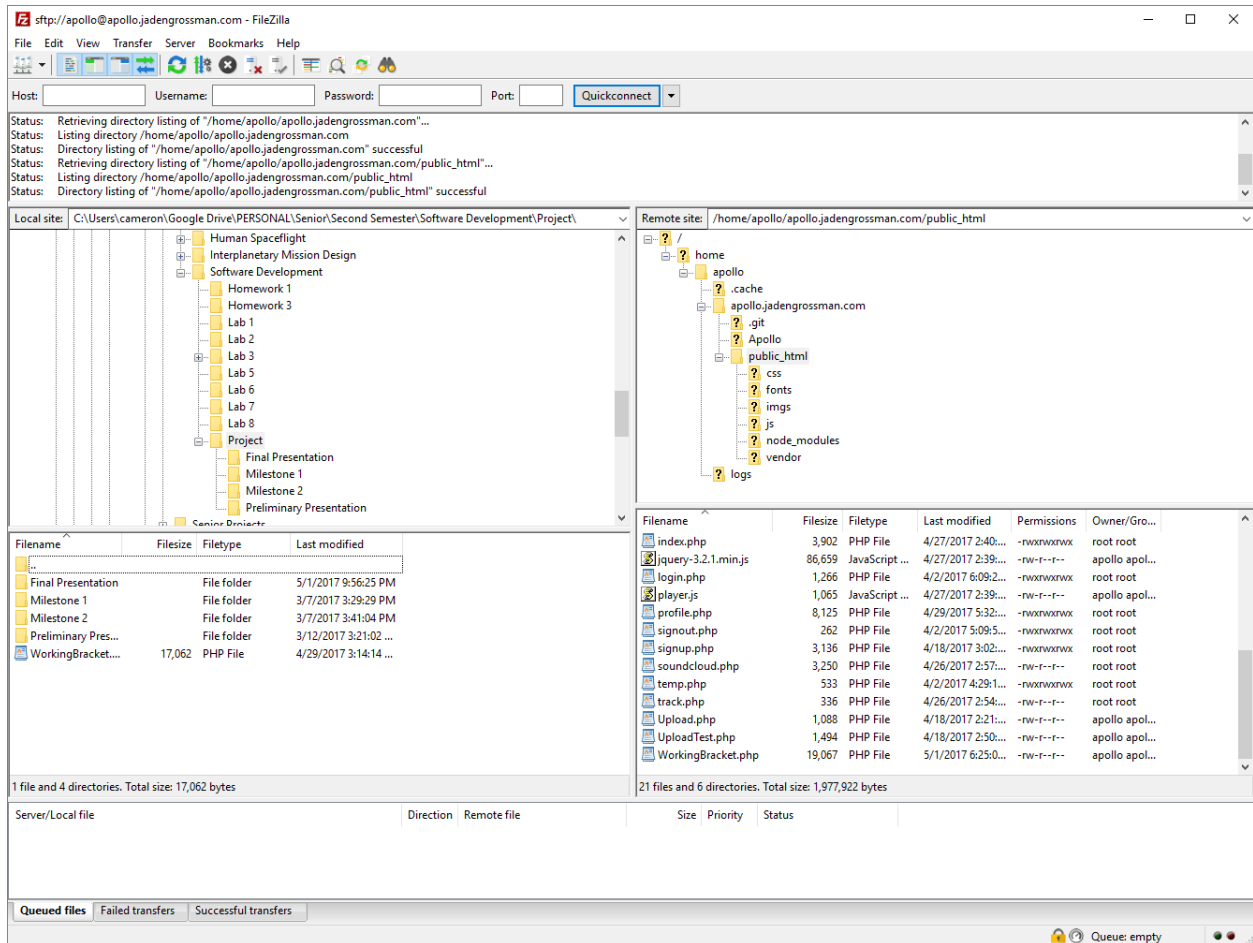


Figure 10. FileZilla GUI. The left side represents the developers local machine. The right side represents the server used by Apache to deploy the website.

When a stable version was developed and uploaded to GitHub, it would then be migrated to the remove server through FileZilla for deployment. To access the Apollo platform, users simply have to visit <http://apollo.jadengrossman.com/homepage.php> on their chosen web browser.