

EE/CprE/SE 492 sdmay26-15 GitTor

Weekly Report 15

3/26/26 - 4/9/26

Team

- Simanta Mitra - Client
- Isaac Denning - Team Lead
- Phu Nguyen - Web Application Lead
- Cameron Gilbertson - CLI Application Lead
- Tyler Gorton - Record Keeper
- Jayson Acosta - Quality Assurance Lead
- Seth Clover - Technical Research Lead

Weekly Summary

This week, the team focused on improving core functionality and overall integration between the backend and frontend. Progress included completing key features related to authentication and torrent interactions, as well as refining and merging several UI components, such as the settings layout, sidebar, and home page. Additional work connected APIs to the user interface and improved navigation safeguards. Overall, the team made steady progress toward a more stable and cohesive system, with multiple features completed and integrated.

Past Week Accomplishments

- Seth Clover:
 - Completed Login Command [#42](#)
 - Subcommand to store temporary authorization info for use in torrent functions
 - Completed Torrent API [#37](#)
 - Set of functions for interacting with torrents using API endpoints
- Cameron Gilbertson:
 - Signature Validation [#36](#)
 - Completed testing and created a pull request
- Tyler Gorton:
 - Reviewed [#101](#) Settings Layout
 - [#97](#) Integrate repository API and UI
 - Added a guard which connects to the API to ensure a user exists before navigating to their profile
- Isaac Denning:
 - Reviewed:
 - Signature Validation [##36](#)
 - Login Command [#42](#)
 - Torrent API [#37](#)
 - Settings layout [#101](#)
- Jayson Acosta:
 - Home Page [#87](#)
 - Fixed failed tests
- Phu Nguyen:
 - Merged Settings Layout [#109](#)
 - Finished Sidebar Fix [#104](#)

- Started Work on [#102](#)

Pending Issues

- Tyler Gorton: I'm facing an authorization error on some API calls that I haven't figured out yet
- Jayson Acosta: Due to a change in how we route logged in users from the home page, some tests failed, so I did not get to move on to a new task.

Individual Contributions

Name	Individual Contributions	Hours This Week	Hours cumulative
Isaac Denning	[CLI] GitTor Leech #38	7	114
Seth Clover	[CLI] Login Command #42 [CLI] Torrent API #37	10	105
Jayson Acosta	[Web] Home Page #87	6	72
Phu Nguyen	[Web] Sidebar Fix #104 [Web] Settings Functionality #102	5	111
Tyler Gorton	[Web] Integrate repository API and UI #97	10	110
Cameron Gilbertson	[CLI] Signature Validation #36	7	88

Plans for the Upcoming Week

- Seth Clover: Either polish up recent changes and add more tests, or begin working on more CLI subcommands related to the login command
- Cameron Gilbertson: Fix issues with pull request. Then work on the figures for the design document and the poster.
- Tyler Gorton: Fix authorization issues, then hopefully replace template profile info with real data
- Jayson Acosta: Get started on another page (Probably documentation page for the CLI or work on connecting to backend)
- Isaac Denning: Now that the CLI has been hooked up to the API, I can finalize the leeching task
- Phu Nguyen: Finish Settings functionality and investigate torrenting in Web