

EE/CprE/SE 492 sdmay26-15 GitTor

Weekly Report 14

3/12/26 - 3/26/26

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 advancing both core functionality and user-facing features of the GitTor project. On the frontend, updates included improvements to the home page and completion of the settings layout. Additionally, ongoing development of the API integrations in the CLI continued with goals towards completion of leeching functionality. Overall, the week emphasized refining existing features, improving integration between components, and preparing several key updates for final review and deployment.

Past Week Accomplishments

- Tyler Gorton:
 - Merged [#106](#) Get User Repositories Endpoints
 - [#97](#) Integrate repository API and UI
- Cameron Gilbertson:
 - Signature Validation [#36](#)
 - Completed the signature validation method
 - Doing more testing before creating a pull request
- Isaac Denning:
 - Continued GitTor Leech [#38](#)
 - Cleaning up the code and preparing it for API integration
 - Reviewed:
 - Get User Repositories Endpoints [#106](#)
 - Settings Layout [#101](#)
- Jayson Acosta:
 - Small changes to Home Page [#87](#)
- Phu Nguyen:
 - Finished Settings Layout [#101](#)
 - Completed settings tab frontend functionality
 - Made PR
 - Began Fix sidebar on mobile [#104](#)
 - Began Update OpenAPI generate [#108](#)
- Seth Clover:
 - Continued Torrent API [#37](#)
 - Functionality and unit testing is done, but now authorization must be completed as a prerequisite step
 - Started Login Command [#42](#)

- Subcommand for signing in in order to be authorized to interact with torrents
- Functionality is mostly done and unit testing is done, only one small change left

Pending Issues

- Isaac Denning: I am working on GitTor Leech [#38](#) and at this point in is primarily blocked by [#37](#) Torrent API, something we foresaw
- Seth Clover: I did not expect authorization to be as involved as it is, so it is slowing down the process of getting the torrent API commands pushed, which is needed to be done for the Leech command.

Individual Contributions

Name	Individual Contributions	Hours This Week	Hours cumulative
Isaac Denning	[CLI] GitTor Leech #38	6	107
Seth Clover	Continued [CLI] Torrent API #37 Started [CLI] Login Command #42	13	95
Jayson Acosta	[Web] Home Page #87	1	66
Phu Nguyen	[Web] Settings Layout #101 [Web] Began Fix sidebar on mobile #104 [Web] Began Update OpenAPI generate #108	10	106
Tyler Gorton	[Web] Get User Repositories Endpoints #106 [Web] Integrate repository API and UI #97	12	88
Cameron Gilbertson	[CLI] Signature Validation #36	8	81

Plans for the Upcoming Week

- Tyler Gorton: Establish a simple API connection to get user and repository information for the UI
- Cameron Gilbertson: Finish testing signature validation and then move on to the next steps.
- Isaac Denning: This next week I plan on getting testing for GitTor Leeching and moving towards API integrations as much as possible
- Jayson Acosta: Grab a new task and spend more time on the project
- Phu Nguyen: Get [#101](#) through review and begin working on settings backend hookup.
- Seth Clover: Push the login command and use it o complete the torrent API commands to geth them pushed as well.