

EE/CprE/SE 492 sdmay26-15 GitTor

Weekly Report 13

2/26/26 - 3/12/26

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

These last weeks have been focused on organizing and getting the highest-priority tasks through as soon as possible, so we can know the final state of our project before entering the phase of creating presentations and documentation. Ultimately our project is not that far off from a usable product, though we are realizing some stretch goals that may need to be cut to get everything in a quality state by the end of the semester.

Past Week Accomplishments

- Tyler Gorton:
 - Merged [#78](#) Update theme service to use signal
 - Began [#97](#) Integrate repository API and UI
- Seth Clover:
 - Continued [#37](#) Torrent API
 - Completed internals and implemented and unit tested 2 functions out of the 5 endpoints to be added
- Isaac Denning:
 - Continued GitTor Leech [#38](#)
 - Completed basic leeching via torrent file and magnet link, but still need to implement torrenting via repository IDs.
- Cameron Gilbertson
 - Signature Validation [#36](#)
 - Researched next steps to validate GPG signatures
- Phu Nguyen:
 - Settings Layout [#101](#)
 - Finished up layout part
- Jayson Acosta:
 - Home Page [#87](#)
 - Added Content explaining GitTor

Pending Issues

- Isaac Denning: I am working on GitTor Leech [#38](#) and while there is much I am able to do with that, there is a known blocker of [#37](#) Torrent API in order to get torrenting via repository IDs working
- Jayson Acosta: Left my laptop in Des Moines by accident, so I have not been able to get as much done as I would have liked

Individual Contributions

Name	Individual Contributions	Hours This Week	Hours cumulative
Isaac Denning	[CLI] GitTor Leech #38	6	101
Seth Clover	Continued [CLI] #37 Torrent API	9	82
Jayson Acosta	[Web] Home Page #87	3	65
Phu Nguyen	[Web] Settings Layout #101	10	96
Tyler Gorton	[Web] Update theme service to use signal #78 Began [Web] Integrate repository API and UI #97	9	88
Cameron Gilbertson	[CLI] Signature Validation #36	7	73

Plans for the Upcoming Week

- Tyler Gorton: Work on connecting the frontend repository pages with the API to display actual repositories
- Seth Clover: Finish the rest of the commands for the torrent api endpoints and hopefully begin work on integration testing
- Isaac Denning: Work on testing for leeching and adding implementation for torrenting via repository IDs
- Cameron Gilbertson: Continue working on the signature validation task. Work on implementing a solution
- Phu Nguyen: Finish working on settings layout by fixing tests and getting that PR merged. Then work on hooking it up to the backend.
- Jayson Acosta: Get Home Page merged and pick up a new task for the Web

Summary of Weekly Advisor Meeting

In our advisor meeting with Mitra we went over the structure of our codebase and certain code snippets so he could verify we were developing our application in a professional and effective way. He had a couple high level questions in a few areas, but overall he was happy with the structure and organization of our codebase.