Forest Service ePermit API

Project Summary

May 31, 2017





Agenda

- Project Review
- Retrospective

Theme

Setup and documentation

- Completed scaffolding and DevOps tasks and Swagger OpenAPI implementation.
- 113 points, 37 issues

Sprint 1 Retrospective

What went well during the sprint?

- Scaffolding set up everything for testing pretty quickly
- Communication prompt response from stakeholders
- Badges
- Got routes defined quickly
- Feedback from Laura on first two pull requests
- Scheduling
- Mid sprint pull requests
- Informal feedback

What didn't go so well during the sprint?

- Have basic API for response
- Acceptance criteria delayed

What can we do to improve?

 Have acceptance criteria ready for sprint planning.

Theme

Authentication and schema work

- Completed authentication and validation.
- 84 points, 28 issues

Sprint 2 Retrospective

What went well during the sprint?

- Anticipated LOE well, completed good number of stories.
- Code quality is improving, adding linting was helpful.
- Doing a good job working iteratively.
- Feedback in PR was very helpful.
- Communication overall was strong.
- Schema-based approach to validation is a positive

What didn't go so well during the sprint?

- Size of pull request can making reviewing difficult.
- Burndown chart doesn't accurately reflect velocity.

What can we do to improve?

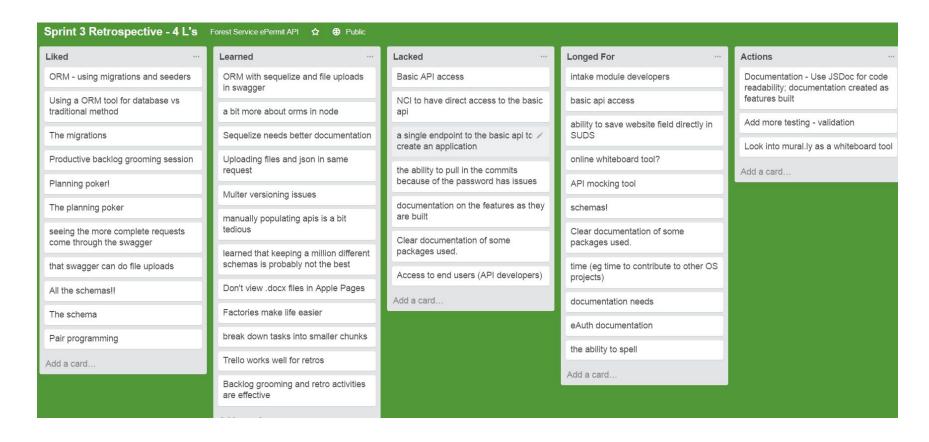
- Consider pulling to master multiple times through sprint; chunk pull requests to indicate the focus of work.
- Build on effectiveness in addressing PR comments and other feedback.
- Look into changing GitHub settings for burndown chart.

Theme

Handling non-SUDS data

- Completed database implementation and file upload implementation, and made sprint 2 work schema-based.
- 96 points, 20 issues

Sprint 3 Retrospective

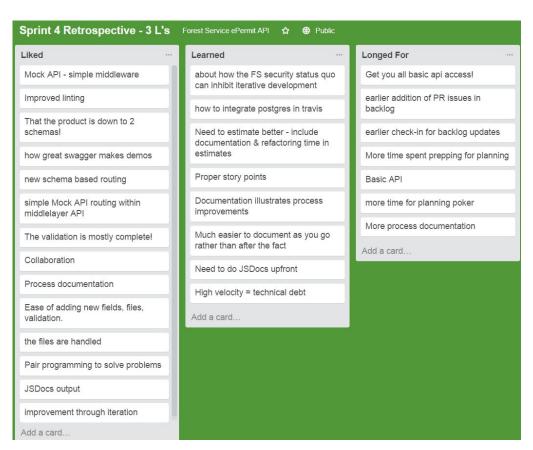


Theme

Integrate database with file uploads and generate routes based off of schema; Incorporate recent changes to schema mapping.

• 113 points, 26 issues

Sprint 4 Retrospective

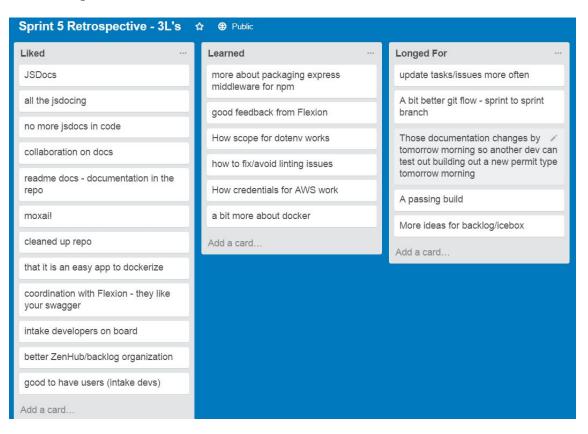


Theme

Process and code documentation

• 67 points, 28 issues

Sprint 5 Retrospective

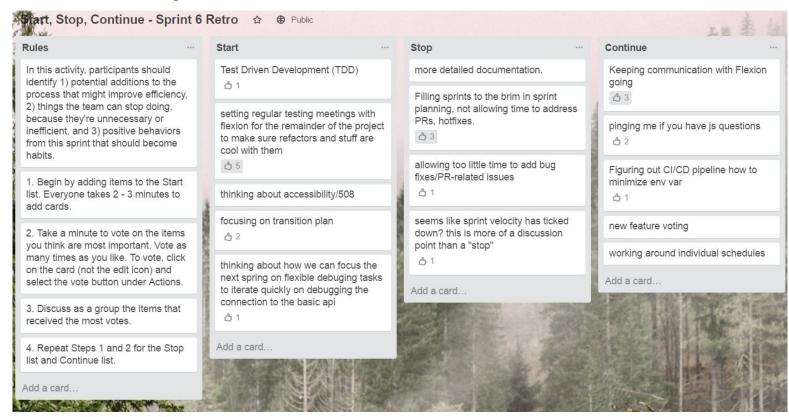


Theme

Update authorization and documentation

• 70 points, 21 issues

Sprint 6 Retrospective

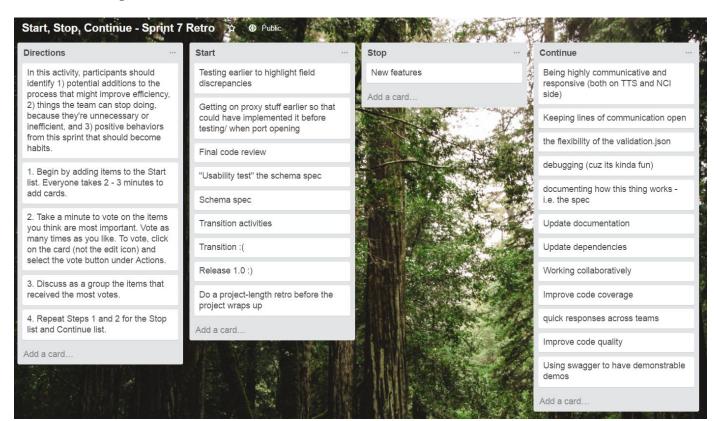


Theme

Successful permit application through Basic API

• 59 points, 27 issues

Sprint 7 Retrospective



Theme

Finish strong!

• 40 points, 15 issues

Project Retrospective

S.C.I.T

- Successes
- Challenges
- Insights and Take-Aways

S.C.I.T

Successes

- What was the most gratifying or professionally satisfying part of the project?
- What did we do well?
- What helps us to be successful as a team?
- Which of our methods or processes worked particularly well?
- Where did we get lucky?

Challenges

- What was the biggest impediment?
- Which of our methods or processes were difficult or frustrating to use?
- What was painful but necessary?
- What's still keeping you awake at night? What did we leave unresolved?
- What still puzzles us?

Insights and Takeaways

- What advice would you give yourself if you were to go back to the start of the project?
- What should we have learned from this project a year from now?
- What else could we do better next time?

