sdmay18-19: DevOps for Javascript-based microservices
Report 16
March 7 - March 20

Team Members

Erica Clark — *Data Analytics Lead; Website/Content Management; Developer*
Jack Meyer — *Communications; Software Architecture; Test Lead; Developer*
Nathan De Graaf — *React Designer; Status Reports; Developer*
Nischay Venkatram — *UI Lead; Node.js SME; Developer*
Nathan Karasch — *Project Management; Technical Writing; Developer*

Summary of Progress this Report

This has been a shorter status report due to spring break. We now have working project creation including downloading files, validation and UI. In preparation for the next sprint, we have set up some basic monitoring statistics tools and begun to create components to display them to the user.

Plans for Upcoming Reporting Period

For the next status report, we hope to have all functional parts of our project finished. This includes some work to polish project creation, finalizing monitoring functionality, and displaying such monitoring information.

Individual Contributions

Team Member	Contribution	Bi-Weekly Hours	Total Hours
Erica Clark	Pull request reviews. Researched ways to add, commit and push files to github. Eventually found a simple solution with the current library we were using. Also, made some changes to the create project endpoint to clean it up a little.	6	106
Jack Meyer	Refactored Koma, added support for HTTP request capturing, updated documentation for usage. Added HTTP request capturing on Koma. Added functionality to save username/email for github/heroku in Endor. Added functionality to retrieve README from a user's GitHub page in Endor. Added functionality to display username/email for github/heroku on account settings page.	12	103.5
Nathan De Graaf	Added option to automatically link Travis account to Yggdrasil via user settings page. Built basic proof of concept of components	8	91

	for a new monitoring tab of a project page. Played with a bunch of graph packages to find the right one.		
Nischay Venkatram	Project creation - Finish feature to allow users to create a project and download files for a generated project, add additional validation for all the project options, some UI updates, debug issues on the backend. Project dashboard - update markdown to render the actual readme for the project provided by the backend, update some styling as well. Create issues and look at Pull Requests.	18	123.5
Nathan Karasch	Code review (1 hr). Firebase debugging on frontend (1 hr). Updating Yggdrasil package.json (3 hrs). Refactoring away coruscant folder (1 hr). Misc fixes and improvements to UI (3 hrs). Working on Yggdrasil deployment (1.5 hrs).	10.5	109