

EE / CprE / SE 491 – sdmay20-43

Analysis of GitLab projects using BOA

Week 3 Report

10/1/2019 - 10/8/2019

Client: Simanta Mitra

Faculty Advisor: Simanta Mitra

Team Members

Diego Realpe - Team Leader | Test Engineer

Adrian Hamill - Test Engineer

Megan Miller - Test Engineer | Website Manager

Benjamin Carland - Test Engineer

Yi-Hsien Tan - Test Engineer | Organizer | Website Manager

Weekly Overview

The team spent some time to set goals and decide what development roles to take on. Meeting with client this week was clear and concise, received approval on the commencement of development.

Past Week Accomplishment

Diego Realpe:

- Understand structure behind boa and GitHub
 - Study how boa interacts with data gathered from GitHub.

Adrian Hamill:

- Research on data gathering with GitLab
 - Research ways to gather data from GitLab (possibly using json like from GitHub).

Megan Miller:

- Manage team website
 - Filled in the main page regarding this project.
- Learn about Boa
 - Gathering information on how to create better boa queries.
 - Shared information about boa usability with team.

Benjamin Carland:

- Research on Boa
 - Understanding boa syntax.
 - Research on questions (boa queries) that are suitable for our client.
 - Creating unique syntax that evaluate code quality.

Yi-Hsien Tan

- Assigning development roles
 - Gathered information about role responsibilities.
 - Data gatherer:
 - Get data from Gitlab
 - Make those data to work with Boa like on GitHub.
 - Boa language expert:
 - Understand boa language and how to create boa queries.
 - Come up with interesting questions and make boa queries out of it.
 - Distributed information with team.

Team Member	Development Role
Diego Realpe	Data gatherer
Adrian Hamill	Data gatherer
Megan Miller	Boa language expert
Benjamin Carland	Boa language expert
Yi-Hsien Tan	Boa language expert

- Manage team website
 - Filled in the “About the Team” page.
- Understanding Boa
 - Reading and understanding boa syntax and how they work.

Individual Contribution

Team Member	Contribution	Weekly Hours	Total Hours
Diego Realpe	Understanding the construct of previous Boa structure on GitHub	8	22
Adrian Hamill	Research on ways to gather data from GitLab	8	23
Megan Miller	Manage team website & learning Boa language	8	24
Benjamin Carland	Learning Boa language	7	22
Yi-Hsien Tan	Manage team website	7	21

Pending Issue

So far there isn't any major issue until further understanding on boa and when the development actually begins.

Plans for Coming Week

The team will focus on tasks at hand and continue working with designated role.