Status Report

Date: 5/10/2020

Name of reporter: Ian Franklin
Names of others covered by this report: None
Open Source Project: OpenMRS

1. Since the last report, I have completed these tasks:

- Create an OpenMRS ID, set up my account in the discussion board, and connect my GitHub
- Installed a standalone version of OpenMRS locally (intended for exploring the app as a user, not necessarily production use)
- Attempted/began setting up a development environment, manually installing Tomcat, MySQL, and Maven as instructed. I ran into issues deploying OpenMRS and finishing setting up Eclipse for development, however.
- Viewed various questions and discussions on the discussion board to get a sense of people's issues and questions, without contributing so far
- Read through the development manual and a couple other development guides I've collected, including an introductory look into the [technical architecture](#)
- Began analyzing JIRA issues in order to get a sense of what they look like, trying to understand their content

2. Currently, the following issues or problems are hindering my progress:

Successfully setting up the build and development environment is a current issue, as I've had some trouble thus far getting it working. However, there are numerous resources available for doing so and troubleshooting problems, which is a big plus. The scale of the application remains another issue, as learning the product as a whole is not likely possible. I need to begin finding ways to compartmentalize the product and learn just enough about a given portion to actually make contributions.

3. By the next status report I expect to complete these tasks:

- Introduce myself in the discussion board and earn the dev/null badge
- Complete setting up my manual installation and configuring my development environment
- Continue to browse discussions on the board, as well as JIRA issues for possible small contributions
- Continue reading the technical overview portions of the wiki
- Ideally identify some portion of the overall product that I could potentially get involved with and begin to get to know its development

Status Report

Date: 5/3/2020

Name of reporter: Ian Franklin
Names of others covered by this report: None
Open Source Project: OpenMRS

1. Since the last report, I have completed these tasks:

- Decided to choose OpenMRS for my term project
- Created a markdown file compiling relevant links for project information as well as personal notes, as OpenMRS has a wealth of developer info spread across several platforms
  - Uploaded here
- Read information on their website about the project's goals, vision, and what the software does
- Evaluated the project demo, observed how various aspects of the software operate
- Read through several pages on getting involved as a developer, including a step by step guide
- Learned the process for claiming an issue and submitting a contribution, including pull request and commit message guidelines
- Read the coding conventions used for Java and Javascript, as well as for unit testing
- Set up a Linux system to be used for my development environment for this project

2. Currently, the following issues or problems are hindering my progress:

As I investigate further into OpenMRS, there are a couple possible issues that could hinder me. Mainly, the size of OpenMRS is somewhat intimidating. The size of the wiki alone is quite large, with tons of information on the workings of OpenMRS. There is a lot of information to take in, which could pose a challenge for my research. Additionally, the large amount of source code makes it difficult to start evaluating the software and figuring out how to contribute.

3. By the next status report I expect to complete these tasks:

- Create an OpenMRS ID
- Join the mailing list and set up my account in the discussion board, OpenMRS Talk
- Read the development manual, and continue to read through the OpenMRS resources I've compiled
- Look at more info on contributing, including Kummamuru's guide for getting started with development, as well as this helpful video on making a contribution
- Attempt to set up my development environment, following the various posted instructions
- Begin an investigation into the architecture and technical overview of OpenMRS, as well as the source code if possible