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Team 6 Final Report Chapter 1

Overall, the documentation made building the project less difficult. Once the prerequisite software was installed, the documentation was followed closely, which led to the group being mostly being able to build effectively. However, there were a few prerequisites that were not listed, which made things slightly more difficult, such as Jetty and MySQL. There were also some issues getting Jetty to work with the OpenMRS software. The solution to this was in fact, to do nothing, as the clean package command installs a jetty instance for deployment. There were a number of issues that were faced after the localhost website was running. It required a connection to a MySQL database, which presented a few challenges. First, the OpenMRS software requires access to a root account on the MySQL server. Given that the initial settings on the root account for MySQL by default authenticates on the user trying to access it, the first issue was to change the settings to a password-based authentication and a password for the account. Once that was finished, the OpenMRS building was unable to connect to the server, which presented additional problems. Since all of the software was running on localhost, there was no issue with connection errors. Upon looking through the error logs for the terminal hosting the website, it was found that the time zone on the MySQL server was set to "SYSTEM" time zone, which translated to "EDT," and was unrecognizable, thus the connection was terminated. After changing the time zone to UTC ("+0:00"), the website connected properly and worked as intended. By far, the most difficult process to reconcile with the OpenMRS software. Prop data was set up by OpenMRS to emulate proper operation.

All tests were run at the cleaning of the project by the Maven module.