

Work Completed

Antenatal Care Team

Team Leader: Dan Lindberg

Iteration #5

Overview of the iteration:

The focus of iteration #5 was to implement a cloud based SQL database, and to reformat our current Java app to a Java web application. There were also a few small issues left from previous iterations, but the focus of this iteration was not to fix issues but to implement a new technology..

Team 1: Riley Cassidy and Zack Matey:

Riley and Zack we're tasked with implementing a new persistent storage, PostgreSQL locally and then configure the properties to work with a cloud based Postgres server. They completed this task fully. They made methods to create tables if they were not there, functions to save and retrieve objects from a postgres database and successfully connected the application to a cloud based database. The reason that the time is so long is because at first the team wanted to use Hibernate to interact with the SQL database but after hours of frustration that thought was abandoned.

Time Estimates: 5 hours.

Actual Time: 18 hours

Team: 2 Jordan Sage & Hamza Zmou:

Jordan and Hamza were tasked with the web interface. To do this they needed to start from scratch on multiple HTML pages, styled with CSS, and needed javascripts for the HTML pages. This team was able to complete the HTML pages, but did not complete the javascript that was needed to make the HTML pages dynamic. They also were not able to complete the java servlet functionality because that was so new, so that task was removed and was made a more general task for members of both teams to tackle.

Time Estimates: 7 hours.

Actual Time: 9 hours

Both Teams:

Near the end we were struggling to get the web interface to a functional web page so we decided to go outside the team dynamic in order to try and complete the web deployment, the two teams would get together in paired programming. Their combined task was to complete the java servlet and finish any javascript files to make the html page dynamic. They did complete the java servlet, but there was lacking javascript to link the servlet to the html page.

Time Estimates: 4 hours

Actual Time: 7 hours