Library Application Status Documentation

Last updated: 2/21/2017 – dls

**Overall Status: Risk - Behind Schedule**

**Application design: Completed**

**Design Requirements: Completed**

**Database Table Design: Making Progress**

**Platform Configuration: Completed**

**Java Swing: Making Progress**

**Java Swing with MariaDB: Behind Schedule**

**Java Application Code: Risk - Behind Schedule**

**MariaDB tables Configured: Behind Schedule**

**Documentation: Making Progress**

**Overall Status:** There were numerous problems getting the various application components to work correctly and delays determining the platform to use. We should be 1/3 done with the application coding and the proof of concept (POC) has not even been completed. While I can display a database table in the GUI, I still need to get the GUI-button to list the table from the database. This project is at risk of not completing.

**Application design:** Six class diagrams have been designed.

**Design Requirements:** Ten design requirements have been identified.

**Database Table Design:** Four database tables have been designed. At least one more is required.

**Platform Configuration:** This step consumed quite a bit of the project time.

**Java Swing** is now operational on the client (desktop) using Cygwin. This is a clunky solution, but the only way I was able to get X11 Windows working. This step consumed quite a bit of the project time.

**Java Swing with MariaDB** is partially working. I have consulted with the Java tutor on 2/17/2018 and 2/20/2018 and am making progress.

**Java Application Code** is not developed; waiting for completion of the proof of concept. The thought here is that If I can click a GUI button and display a table in POC, all the other functionality should be completed – though not necessarily on time.

**MariaDB tables** are not configured. This isn’t expected to take long.

**Documentation:** The User guide is a work in progress.