Setup PRMS Prototype

# Setup NetBeans and GlassFish Application Server

Download from <https://netbeans.org/downloads/> the IDE for Java EE development.

Run the installer and choose the “GlassFish Server” option. Take all the default options.

# Setup MySQL Community Server

Download from <http://dev.mysql.com/downloads/>.

Run the installer and choose “Custom” setup type. Select to install MySQL Server and MySQL Workbench. You probably don’t want to start the MySQL Server at system startup.

*Note: MySQL Server 5.6.x is recommended for now. There is a security issue with MySQL Server 5.7.8.*

# Import the PRMS Prototype Project

Download from IVLE the archived projects for PRMS Prototype and Nocturne Application Controller Framework.

From NetBeans, use File – Import Project – From ZIP to import the two projects.

From MySQL Workbench, connect to the local instance of MySQL Server. Use File – Run SQL Script to execute “\PRMS\data-scripts\setup.sql” and then “\PRMS\data-scripts\createphoenix.sql”. Execute “\PRMS\data-scripts\cleanupdb.sql” to purge the tables if necessary – “createphoenix.sql” can then be executed again to initialize the tables.

From MySQL Workbench, select Server – Startup/Shutdown to start the server if necessary. Select Server – Server Status to check the port number of the server. Update this port number in “sg.edu.nus.iss.phoenix.core.dao.DBConstants.java”.

# Execute PRMS

Run PRMS from NetBeans, login as “pointyhead” with password “pointyhead” whom has the role of station manager. If there are JDBC related exception, it might be that MySQL Server is not started.