**Assignment Template Form**

**Assignment Functionality Completed:**

**All highlighted features have been completed**

**Please note password hashing and ISBN validation has been added in after the demonstration**

**Book class implemented:**

☐ Book class getters and setters implemented and tested

☐ Book class fully implemented and tested with constructor

**BookDAO CRUD methods implemented:**

☐ Method to connect to the books database

☐ Method to return all the books stored in the database

☐ Method to return a single book based on ID

☐ Method to insert a book into the database

☐ Method to update details of a book stored in the database based on ID

☐ Method to delete a book in the database based on ID

**Console menu system:**

☐ Method to return all the books stored in the database

☐ Method to return a single book based on ID

☐ Method to insert a book into the database

☐ Method to delete a book in the database based on ID

☐ Method to update details of a book stored in the database based on ID

**Web Front-End:**

☐ Server connects to database and books displayed using an HTML table

☐ Server incorporates administrator log-in

☐ Administrator can add new book

☐ Administrator can update existing book

☐ Administrator can delete book

**Quality:**

☐ Assignment checklist completed

☐ UML Design documentation completed

☐ Commenting and Javadoc completed

☐ Demonstration arranged and delivered

**Advanced Features:**

☐ Check the validity of ISBN numbers

☐ Server allows a user to search the inventory by title, author and price range

☐ Security features (password hashing, temporary password generation)

☐ Accessibility checked

☐ Book sales recorded

☐ Use of prepared statements

**Additional Comments:** (Please indicate any features that have been partially implemented or

any other issues that need to be drawn to the attention of the markers).

Please contact me if you have any issues getting the project working.

The following JAR files will be required for the project to work. All have been included in the lib folder

javax.servlet.jsp-2.2.0.jar

javax.servlet-3.1.0.jar

jetty-continuation-9.4.22.v20191022.jar

jetty-http-9.4.22.v20191022.jar

jetty-io-9.4.22.v20191022.jar

jetty-security-9.4.22.v20191022.jar

jetty-server-9.4.22.v20191022.jar

jetty-servlet-9.4.22.v20191022.jar

jetty-servlets-9.4.22.v20191022.jar

jetty-util-9.4.22.v20191022.jar

jetty-xml-9.4.22.v20191022.jar

sqlite-jdbc-3.23.1.jar