

## Assignment Template Form (Vehicle Inventory System)

Student name:

Student number:

Assignment Functionality Completed:

### Vehicle class implemented

- ☐ Vehicle class fully implemented and tested

### VehicleDAO CRUD methods implemented

- ☐ Method to connect to the vehicle database
- ☐ Method to return all vehicles stored in the database
- ☐ Method to return a single vehicle based on ID
- ☐ Method to insert vehicle into database
- ☐ Method to update details of a vehicle stored in the database based on ID
- ☐ Method to delete vehicle in database based on ID
- ☐ Use of prepared statements

### Console menu system incorporated

- ☐ Application has a menu system to allow CRUD methods to be fully tested

### Web Front-End

- ☐ Server connects to database and vehicles displayed using an HTML table
- ☐ Server incorporates administrator log-in
- ☐ Administrator can add new vehicle
- ☐ Administrator can update existing vehicle
- ☐ Administrator can delete vehicle

### Advanced Features

- ☐ Check the validity of licence registrations (regular expressions)
- ☐ Server allows a user to search the inventory by make, model and price range
- ☐ Security features (password hashing, temporary password generation)
- ☐ Vehicle sales recorded

### 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.