

Assignment Template Form (Vehicle Inventory System)

Student name: Hamza Iqbal

Student number: 17007085

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.