**Assignment Template Form (Vehicle Inventory System)**

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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

Username = admin

Password = kings123