

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

Please indicate any features that have been partially implemented or any other issues that need to be drawn to the attention of the markers.

Controllers for the Console Testing and Server Front-End are separate to avoid confusion while developing. Controller is for Console Testing and ServerControllers is for the Web Front-End