



**Queensland University
of Technology**

Queensland University of Technology
Science and Engineering Faculty
Information Systems

Web application report

Assessment 3

Unit: IAB207 – Rapid Web Application Development

Group: Manual_allocation 4

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Info

Heroku URL (on Heroku images are not displaying):

<https://vehicle-polis.herokuapp.com>

GitHub repository URL:

<https://github.com/novakkry/vehicle-polis>

Progress table

| Date | 11/06 | 12/06 | 13/06 | 14/06 |
|--------|--|---|--|--|
| Task | Cleaning the HTML code from Assessment 2, setting up a folder project structure, editing HTML templates so it's ready for development. | Created database, created HTML base template, created login and registration form | Created User and Post model, registration and login process done, created account page | Created add_item template, created the whole adding a new item process |
| Author | Krystof Novak | Krystof Novak | Krystof Novak | Krystof Novak |

| Date | 15/06 | 16/06 | 17/06 | 18/06 |
|--------|---|--|---|--|
| Task | Created item details template, edit and delete of listing function, added list of listed items in account page, created the whole order process including forms, database model and templates | Created the whole review system including template, model and form, fixing some bugs | Created category search, creation and setting up of Heroku, first Heroku deployment | Editing styles, fixing minor bugs, small overall improvements, report creation, final testing, final version Heroku deployment |
| Author | Krystof Novak | Krystof Novak | Krystof Novak | Krystof Novak |

Screenshots of pages mentioned in test script

Landing page

On the landing page, user can log in, log out, register, search by category, list a new vehicle, look at his account. At the bottom of the page there is a carousel with the latest posted items.

After clicking on “Search vehicles” button, app will show the vehicles within specified constrains. Only used constrains are respected – that means if user keeps the search form empty, it shows him all the results. If he only specifies maximum price, it will show him all the results meeting the price criteria, the rest of the constrains are neglected. If he ticks certain car makes, specifies max ODO and year, the search by category function will show results meeting the car makes, ODO and year criteria, the rest of criteria is neglected. And so on.

VehiclePolis.com

Account

Logout

☐ New ☐ Used ☐ Salvaged

[+List a new vehicle](#)

☐ Alfa Romeo

☐ Audi

☐ BMW

☐ Chevrolet

☐ Citroen

☐ Fiat

☐ Ford

☐ Honda

☐ Hyundai

☐ Kia

☐ Mazda

☐ Mercedes

☐ Mitsubishi

☐ Nissan

☐ Opel

☐ Peugeot

☐ Renault

☐ Seat

☐ Skoda

☐ Subaru

☐ Suzuki

☐ Toyota

☐ Volkswagen

☐ Volvo

Price from (\$AUD)

Year from

ODO min (km)

Price to (\$AUD)

Year to

ODO max (km)

All categories

All transmission types

All fuel types

Search vehicles

Latest



2000 Chevrolet Corolla

Price: **\$34000**

Year: **2000**

ODO: **105000 km**

Transmission: **Manual**

4 in stock

See details



2000 BMW fasd

Price: **\$0**

Year: **2000**

ODO: **0 km**

Transmission: **Automatic**

out of stock

See details



2000 Chevrolet dfsa

Price: **\$3**

Year: **2000**

ODO: **22 km**

Transmission: **Automatic**

out of stock

See details



2000 Citroen sfda

Price: **\$33**

Year: **2000**

ODO: **33 km**

Transmission: **Automatic**

out of stock

See details

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Account page

On account page, user sees some information about his account, list of his listed items and history of orders. From here he can delete/edit listings.

VehiclePolis.com

Account

Logout

Your account details

Your username: **seller**

Your email: **seller@gmail.com**

Your role: **seller**

Your listings

| ID | Info | Date posted | Action |
|----|--|-------------|-----------------------------|
| 12 | 2000 Chevrolet Corolla | 18-06-2020 | Edit/Delete |
| 11 | 2000 BMW fasd | 18-06-2020 | Edit/Delete |
| 10 | 2000 Chevrolet dfsa | 18-06-2020 | Edit/Delete |
| 9 | 2000 Citroen sfda | 18-06-2020 | Edit/Delete |
| 8 | 2020 Skoda Octavia | 18-06-2020 | Edit/Delete |
| 7 | 2000 Volvo sfda | 17-06-2020 | Edit/Delete |
| 6 | 1930 Citroen safd | 17-06-2020 | Edit/Delete |
| 5 | 2010 BMW sfad | 17-06-2020 | Edit/Delete |
| 4 | 2004 Fiat asfd | 17-06-2020 | Edit/Delete |
| 3 | 2001 Alfa Romeo bbb | 17-06-2020 | Edit/Delete |
| 2 | 2000 Alfa Romeo asfd | 16-06-2020 | Edit/Delete |
| 1 | 2000 Alfa Romeo aaaa | 16-06-2020 | Edit/Delete |

Your orders

| Order ID | Ordered item | Date and time ordered | Action |
|----------|--------------------------------------|-----------------------|----------------------|
| 1 | 2000 Alfa Romeo aaaa | 16-06-2020 22:08:36 | View |

Add item page

If user is logged in and has a role as seller, he can list item. All the form fields are protected for invalid inputs. If user doesn't upload an image, default image is used.

VehiclePolis.com

Account

Logout

Create a new listing

Condition*

☒ New ☐ Used ☐ Salvaged

Title of your ad*

Enter title of your listing

Make*

Select car make

Model*

Enter model

Price*

Enter price in AUD

Year*

Enter year of manufacture

ODO (km)*

Enter ODO in km

Category*

Select category

Fuel type*

Select fuel type

Transmission type*

Select transmission type

Quantity*

Enter quantity

Description

Upload a picture (.png, .jpg)

Choose File

no file selected

*Mandatory fields

Post vehicle

Item details page

On the item details page user sees the details of certain listing. If he purchased that item and is logged in, he can post a review. If he doesn't meet the criteria, he doesn't see the form, but he can see reviews that other posted. On the picture is a default image.

VehiclePolis.com


Account

Logout

2020 Skoda Octavia 1.6 TDI

Date posted: **18-06-2020**
Seller: **seller**
Seller email:
seller@gmail.com

Order vehicle



Make: **Skoda**
Model: **Octavia**
Condition: **New**
Quantity: **18**

Price: **\$43000**
Year: **2020**
ODO: **1 km**

Category: **Sedan**
Fuel: **Diesel**
Transmission: **Automatic**

Description

Brand new skoda octavias in stock

Reviews of **2020 Skoda Octavia**

Post your review

Rate vehicle

Post review

Nobody had reviewed this car yet.

Login page

VehiclePolis.com

Login

Register

Email

Password

☐ Remember Me

Login

Don't have an account? [Sign up!](#)

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Order item page


If user is logged in and it's not his own listing, he can order an item. If the quantity is more than quantity available, it will display a warning to change the amount of quantity. After submitting order, the available quantity is decreased by the amount the user bought. All the form fields are protected against invalid inputs.

VehiclePolis.com

Account

Logout

Order details:



Beautiful Chevrolet Corolla 1.6i

Seller: **seller**

Quantity available: **4**

Quantity*

Unit price: \$34000

Delivery details:

First name*

Last name*

Company name

Address 1*

Address 2

Suburb*

City*

State*

Country*

Select country ▾

Contact details

Phone*

345324523

Email*

buyer@gmail.com

All items on this server will be delivered by delivery company and paid in person. After submitting this order, you (as a buyer) are legally binded to pay for the purchase once it is received.

*Mandatory fields

Submit order

Order details page

After submitting an order, user sees a summary of his order. He can access this summary also from his account page where is a history list of ordered items.


VehiclePolis.com

Account

Logout

Your order has been submitted!

Summary of your order

| | | | |
|---|--|-------------------------------|---|
|  | Beautiful Chevrolet Corolla 1.6i Seller: buyer Order date: 18-06-2020 Order time: 20:53:45 Order ID: 10 | Ordered quantity: 2 | Unit price: \$34000 Total price: \$68000 |
|---|--|-------------------------------|---|

First name:

Krystof

Last name:

Novak

Address:

Apt 309, 14 Merivel Av

Suburb:

Spring Hill

City:

Brisbane

State:

Queensland

Country:

Australia

Phone:

345324523

Email:

buyer@gmail.com

Register page

A user can register as buyer or seller. If he is registered as a buyer, he can't post items.

VehiclePolis.com

Login

Register

Username*

Enter username

Email*

Enter email

Contact number*

Enter contact number

Password*

Enter password

Confirm Password*

Repeat password

I want to*

☒ buy only (buyer) ☐ buy and sell (seller)

*Mandatory fields

Sign Up