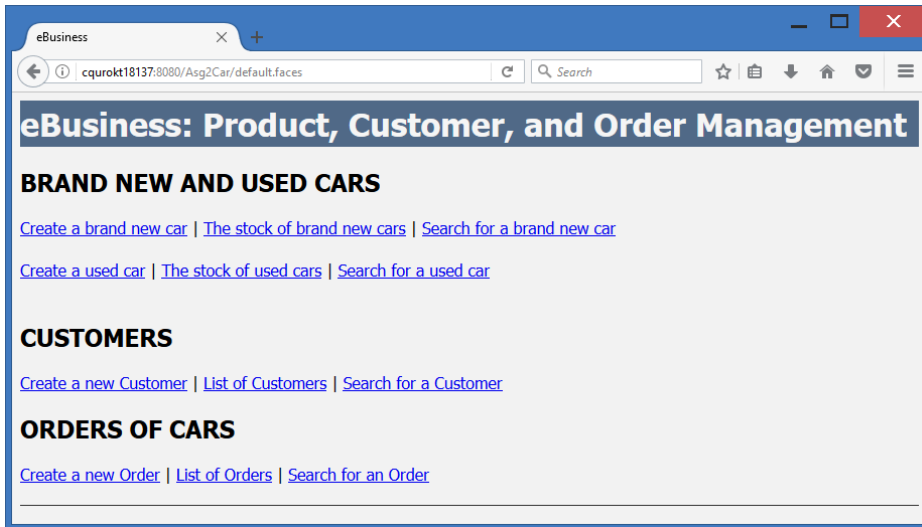


## A Demonstration of the Functionality of the e-Business System of Assignment 2

### 1. The main JSF page of the e-business system



The screenshot shows the main page of the eBusiness system. The browser window has a title bar with 'eBusiness' and a search bar. The page content is organized into sections with links for navigation.

**eBusiness: Product, Customer, and Order Management**

**BRAND NEW AND USED CARS**

[Create a brand new car](#) | [The stock of brand new cars](#) | [Search for a brand new car](#)

[Create a used car](#) | [The stock of used cars](#) | [Search for a used car](#)

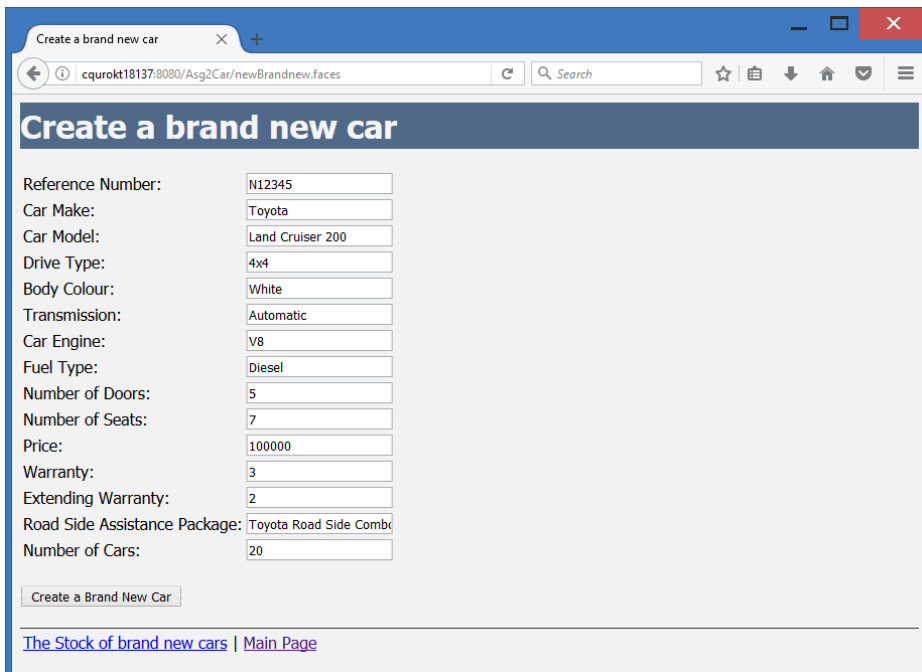
**CUSTOMERS**

[Create a new Customer](#) | [List of Customers](#) | [Search for a Customer](#)

**ORDERS OF CARS**

[Create a new Order](#) | [List of Orders](#) | [Search for an Order](#)

### 2. Create a brand new car or a used car



The screenshot shows the 'Create a brand new car' page. The browser window has a title bar with 'Create a brand new car' and a search bar. The page contains a form with various input fields for car details and a 'Create a Brand New Car' button.

**Create a brand new car**

Reference Number:

Car Make:

Car Model:

Drive Type:

Body Colour:

Transmission:

Car Engine:

Fuel Type:

Number of Doors:

Number of Seats:

Price:

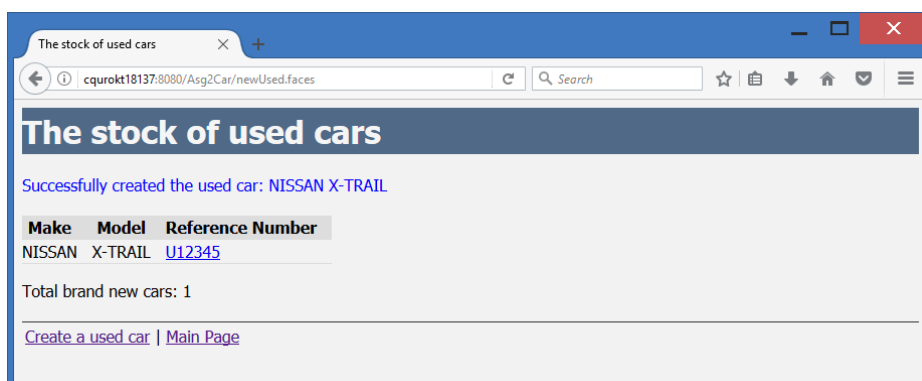
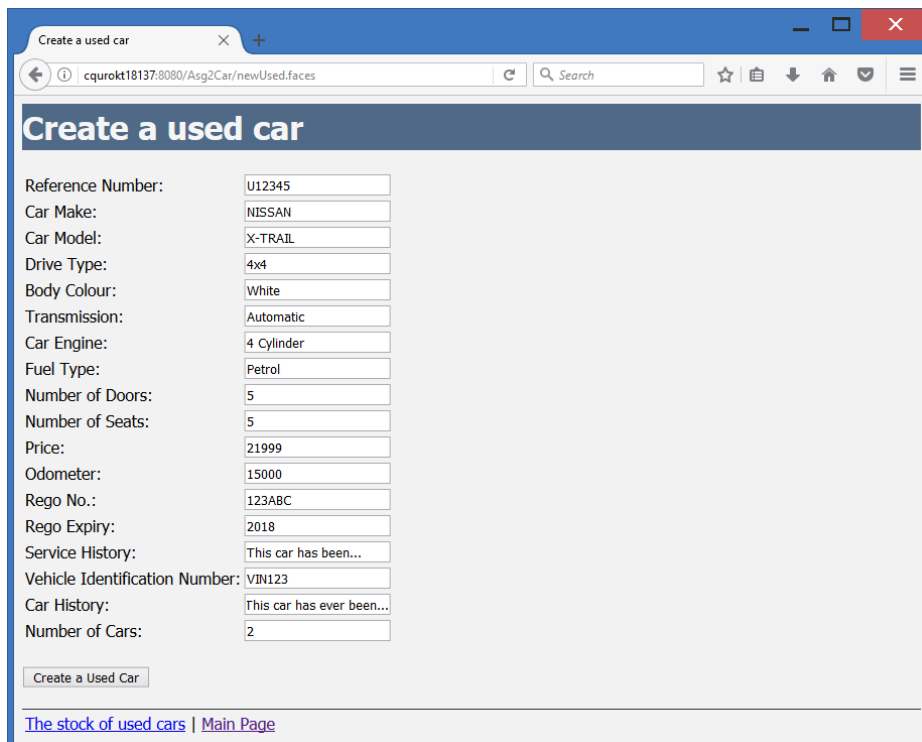
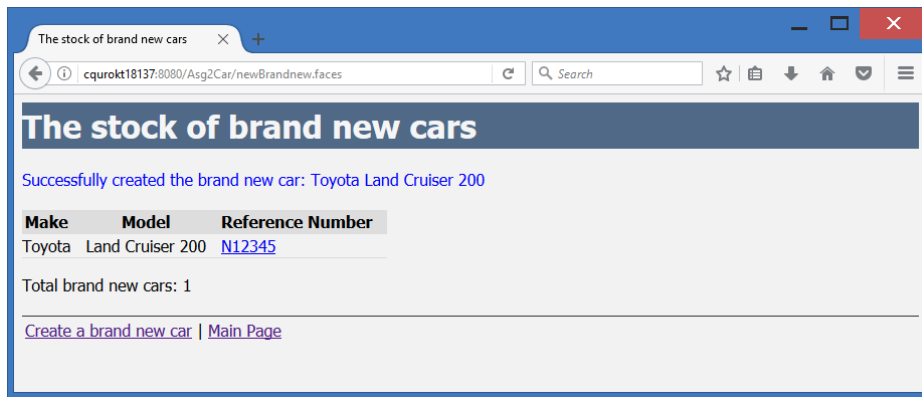
Warranty:

Extending Warranty:

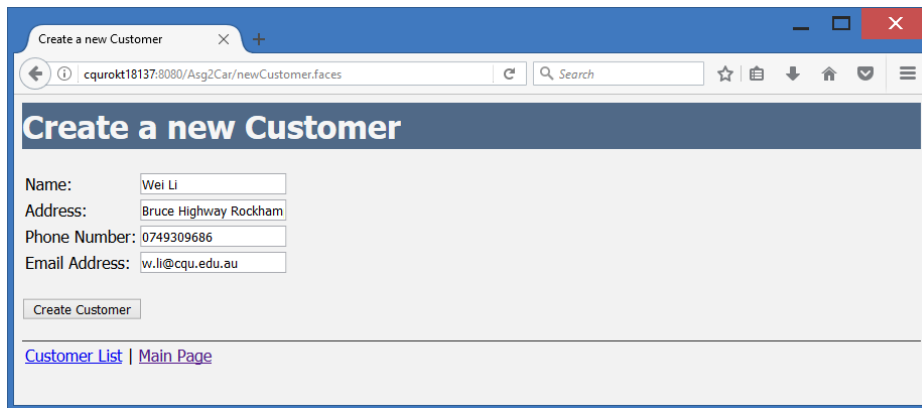
Road Side Assistance Package:

Number of Cars:

[The Stock of brand new cars](#) | [Main Page](#)



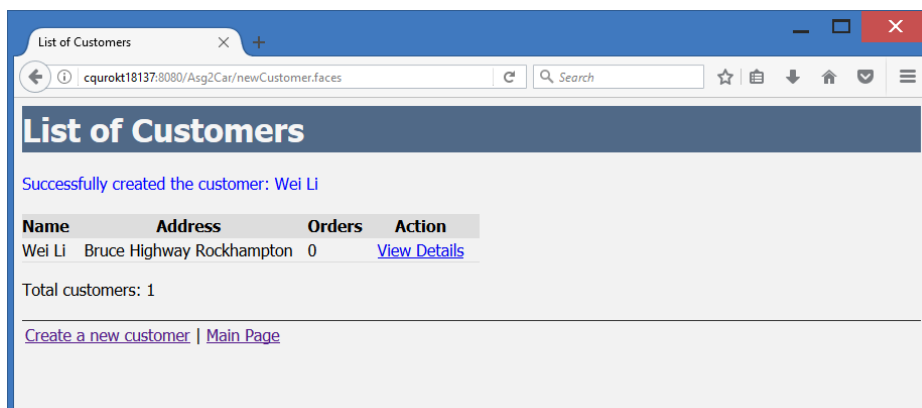
### 3. Create a customer



Browser tab: Create a new Customer  
 URL: cqurokt18137:8080/Asg2Car/newCustomer.faces  
 Search: [Search]  
 Title: Create a new Customer

Name:   
 Address:   
 Phone Number:   
 Email Address:

[Customer List](#) | [Main Page](#)



Browser tab: List of Customers  
 URL: cqurokt18137:8080/Asg2Car/newCustomer.faces  
 Search: [Search]  
 Title: List of Customers

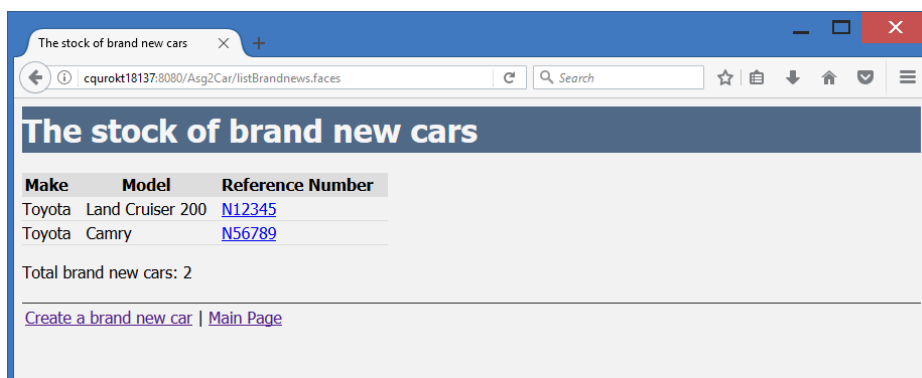
Successfully created the customer: Wei Li

Name	Address	Orders	Action
Wei Li	Bruce Highway Rockhampton	0	<a href="#">View Details</a>

Total customers: 1

[Create a new customer](#) | [Main Page](#)

4. Check the brand new car or used car stocks

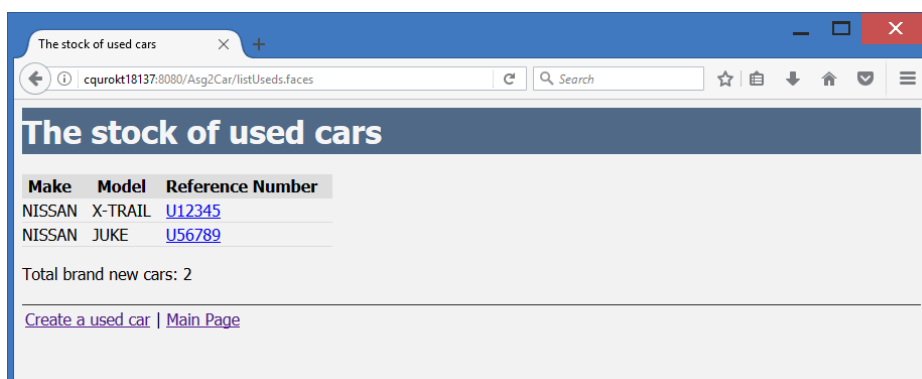


Browser tab: The stock of brand new cars  
 URL: cqurokt18137:8080/Asg2Car/listBrandnews.faces  
 Search: [Search]  
 Title: The stock of brand new cars

Make	Model	Reference Number
Toyota	Land Cruiser 200	<a href="#">N12345</a>
Toyota	Camry	<a href="#">N56789</a>

Total brand new cars: 2

[Create a brand new car](#) | [Main Page](#)



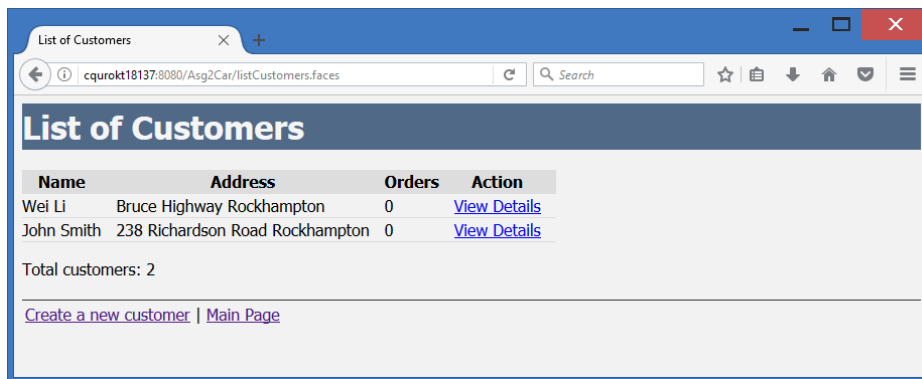
Browser tab: The stock of used cars  
 URL: cqurokt18137:8080/Asg2Car/listUseds.faces  
 Search: [Search]  
 Title: The stock of used cars

Make	Model	Reference Number
NISSAN	X-TRAIL	<a href="#">U12345</a>
NISSAN	JUKE	<a href="#">U56789</a>

Total brand new cars: 2

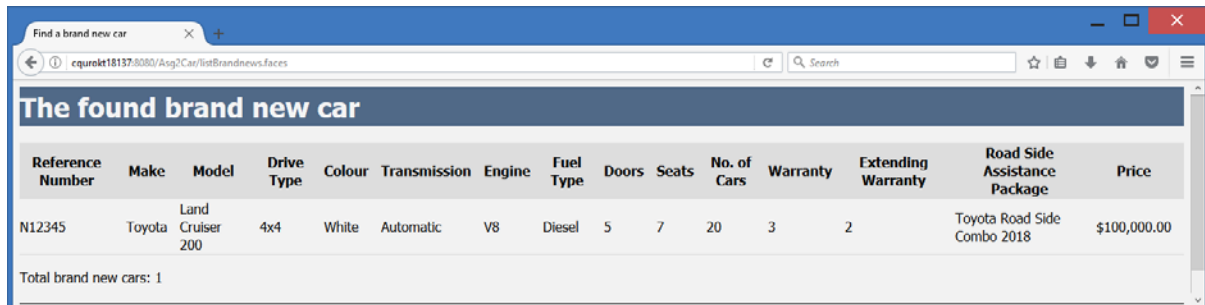
[Create a used car](#) | [Main Page](#)

## 5. List customers

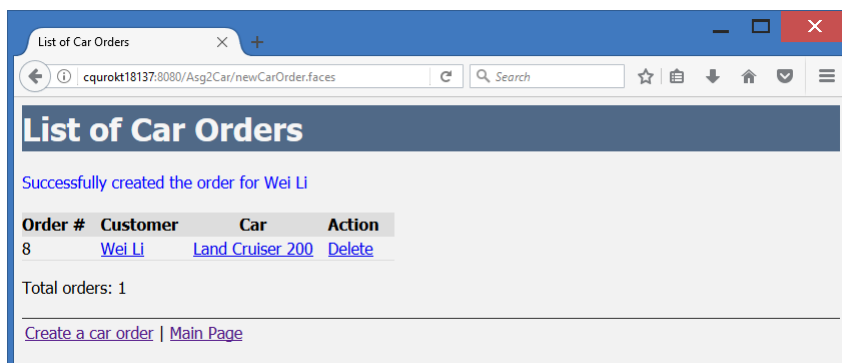
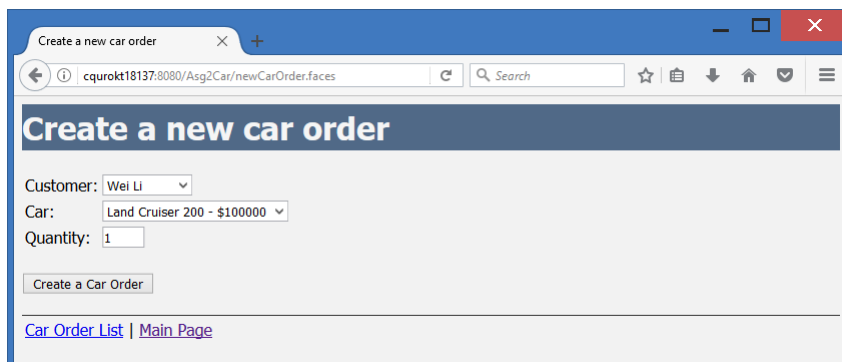


## 6. Create an order

Note: before creating an order for a brand new car, the number of the car in stock is 20.



Creating an order for a brand new car



Note: after creating the order, the number of the car in stock is 19. **This stock number management is required by this assignment.**

Reference Number	Make	Model	Drive Type	Colour	Transmission	Engine	Fuel Type	Doors	Seats	No. of Cars	Warranty	Extending Warranty	Road Side Assistance Package	Price
N12345	Toyota	Land Cruiser 200	4x4	White	Automatic	V8	Diesel	5	7	19	3	2	Toyota Road Side Combo 2018	\$100,000.00
Total brand new cars: 1														

## 7. List of car orders

Successfully created the order for John Smith

Order #	Customer	Car	Action
8	Wei Li	Land Cruiser 200	<a href="#">Delete</a>
9	Wei Li	Camry	<a href="#">Delete</a>
10	John Smith	X-TRAIL	<a href="#">Delete</a>
11	John Smith	JUKE	<a href="#">Delete</a>

Total orders: 4

[Create a car order](#) | [Main Page](#)

## 8. Search for a brand new car or used car

Reference Number:

[The stock of brand new cars](#) | [Main Page](#)

Find a brand new car

Search

### The found brand new car

Reference Number	Make	Model	Drive Type	Colour	Transmission	Engine	Fuel Type	Doors	Seats	No. of Cars	Warranty	Extending Warranty	Road Side Assistance Package	Price
N12345	Toyota	Land Cruiser 200	4x4	White	Automatic	V8	Diesel	5	7	19	3	2	Toyota Road Side Combo 2018	\$100,000.00

Total brand new cars: 1

[Create a brand new car](#) | [Main Page](#)

Search for a used car

Search

### Search for a used car

Reference Number:

[The stock of used cars](#) | [Main Page](#)

Find a used car

Search

### The found used car

Reference Number	Make	Model	Drive Type	Colour	Transmission	Engine	Fuel Type	Doors	Seats	No. of Cars	Odometer	Rego No.	Rego Expiry	Service History	Vehicle Identification Number	Car History	Price
U56789	NISSAN	JUKE	Front Wheel	Black	Automatic	4 Cylinder	Petrol	5	5	2	16000	567XYZ	2018	This car has been...	VIN456	This car has ever been...	\$10,999.00

Total brand new cars: 1

[Create a used car](#) | [Main Page](#)

## 9. Search for a customer

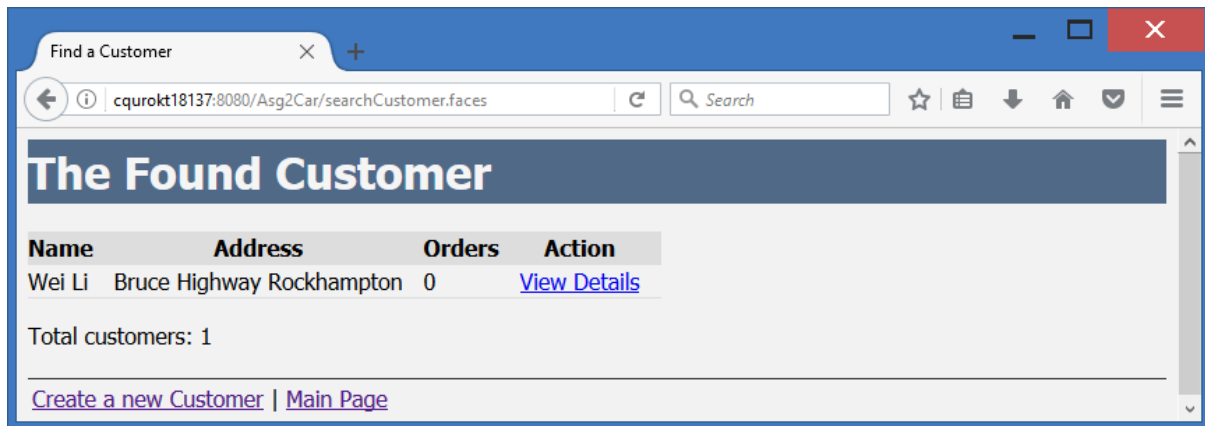
Search for a Customer

Search

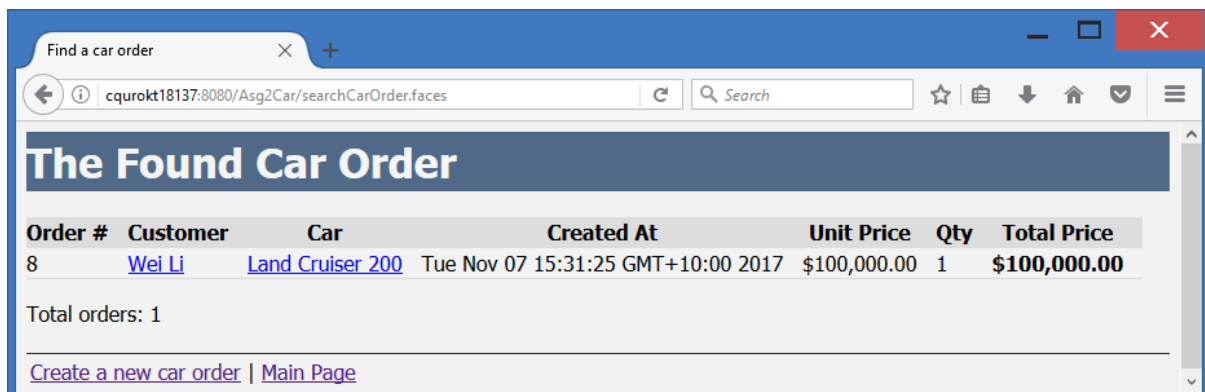
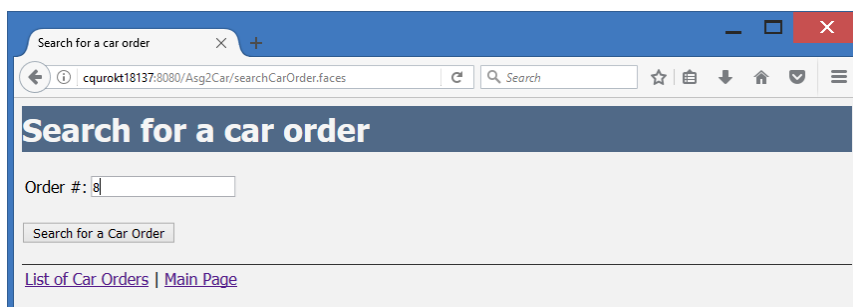
### Search for a Customer

Name:

[The list of customers](#) | [Main Page](#)

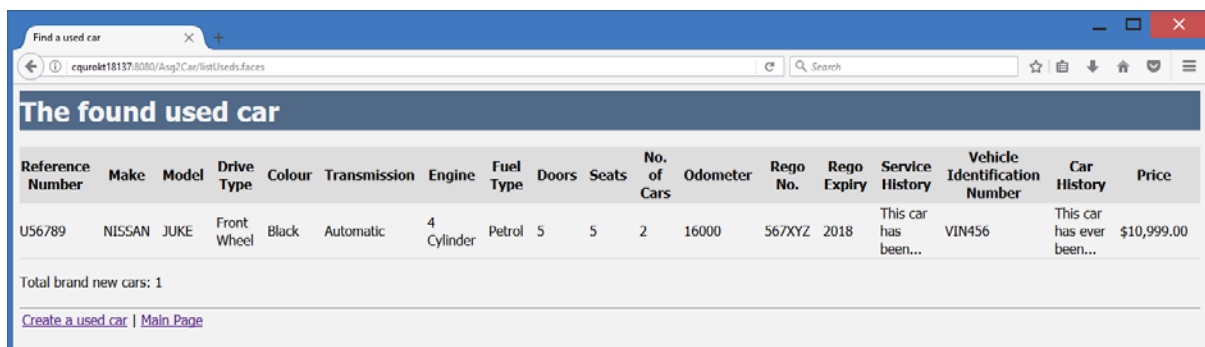


#### 10. Search for an order

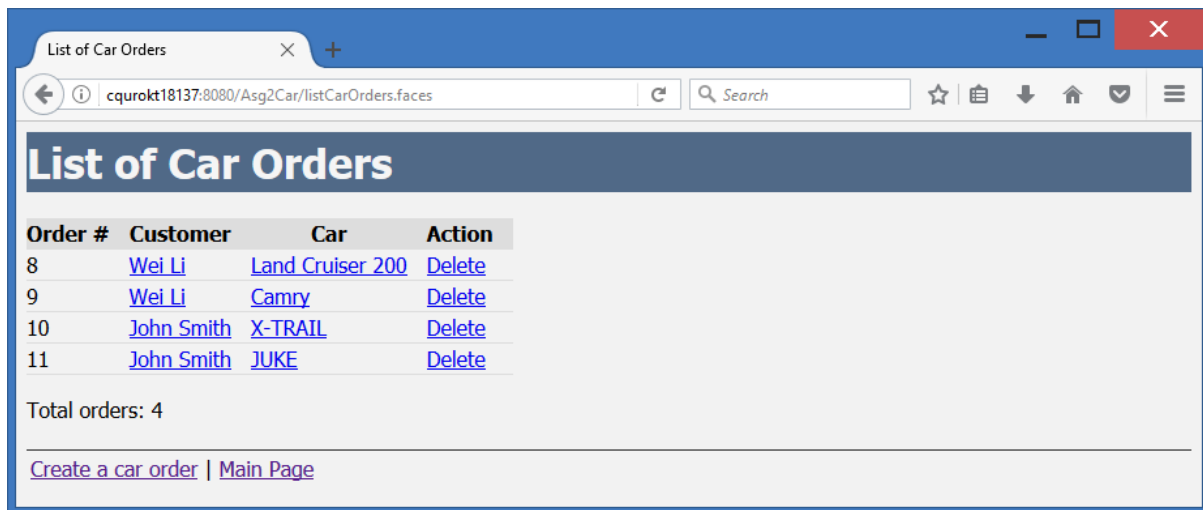


#### 11. Delete an order

Note: before deleting the order of used car: NISSAN JUKE, the number of the car in stock is 2.



Clicking the Delete link to delete the order of JUKE (Order # 11)



Browser: List of Car Orders

URL: cqurokt18137:8080/Asg2Car/listCarOrders.faces

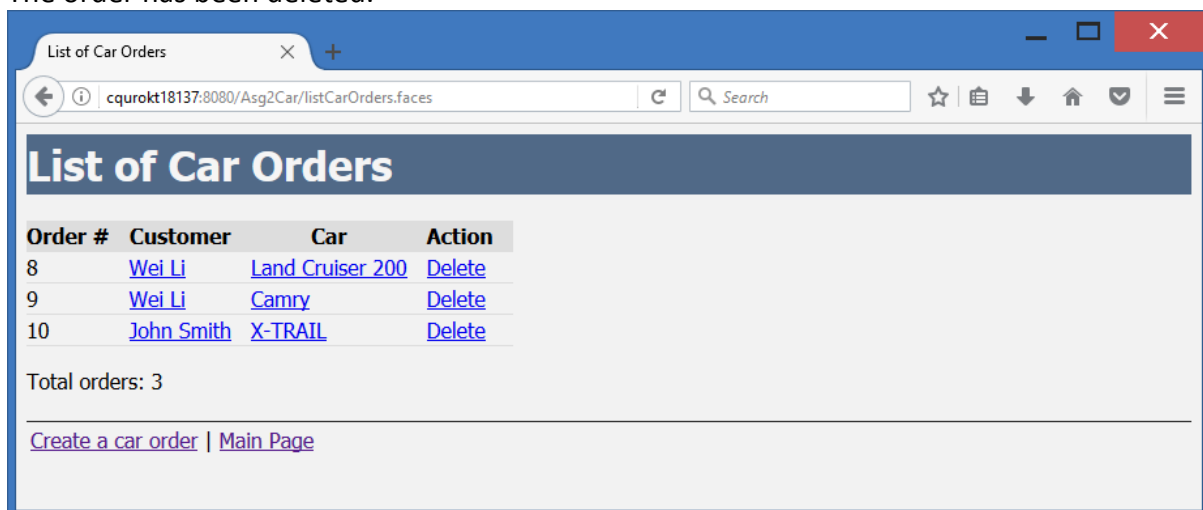
### List of Car Orders

Order #	Customer	Car	Action
8	<a href="#">Wei Li</a>	<a href="#">Land Cruiser 200</a>	<a href="#">Delete</a>
9	<a href="#">Wei Li</a>	<a href="#">Camry</a>	<a href="#">Delete</a>
10	<a href="#">John Smith</a>	<a href="#">X-TRAIL</a>	<a href="#">Delete</a>
11	<a href="#">John Smith</a>	<a href="#">JUKE</a>	<a href="#">Delete</a>

Total orders: 4

[Create a car order](#) | [Main Page](#)

The order has been deleted.



Browser: List of Car Orders

URL: cqurokt18137:8080/Asg2Car/listCarOrders.faces

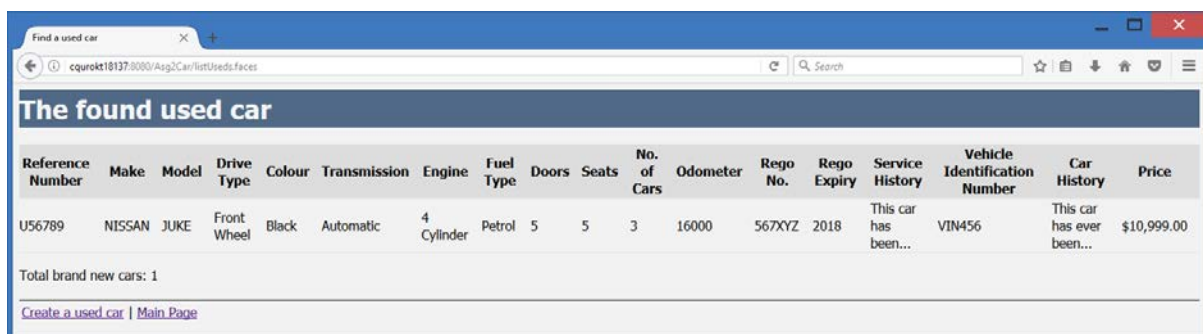
### List of Car Orders

Order #	Customer	Car	Action
8	<a href="#">Wei Li</a>	<a href="#">Land Cruiser 200</a>	<a href="#">Delete</a>
9	<a href="#">Wei Li</a>	<a href="#">Camry</a>	<a href="#">Delete</a>
10	<a href="#">John Smith</a>	<a href="#">X-TRAIL</a>	<a href="#">Delete</a>

Total orders: 3

[Create a car order](#) | [Main Page](#)

Note: after deleting the order, the number of car JUKE in stock of is 3. **This stock number management is required by this assignment.**



Browser: Find a used car

URL: cqurokt18137:8080/Asg2Car/listUseds.faces

### The found used car

Reference Number	Make	Model	Drive Type	Colour	Transmission	Engine	Fuel Type	Doors	Seats	No. of Cars	Odometer	Rego No.	Rego Expiry	Service History	Vehicle Identification Number	Car History	Price
U56789	NISSAN	JUKE	Front Wheel	Black	Automatic	4 Cylinder	Petrol	5	5	3	16000	567XYZ	2018	This car has been...	VIN456	This car has ever been...	\$10,999.00

Total brand new cars: 1

[Create a used car](#) | [Main Page](#)

12. Check a customer's details including his/her orders



**List of Customers**

Name	Address	Orders	Action
Wei Li	Bruce Highway Rockhampton	0	<a href="#">View Details</a>
John Smith	238 Richardson Road Rockhampton	0	<a href="#">View Details</a>

Total customers: 2

[Create a new customer](#) | [Main Page](#)

Clicking the View Details link

**Customer: Wei Li**

**Details**

ID: 6  
 Name: Wei Li  
 Phone Number: 0749309686  
 Address: Bruce Highway Rockhampton  
 Email Address: w.li@cqu.edu.au

**Car Orders (2)**

#	Time Created	Car	Unit Price	Qty	Total Price
8	Tue Nov 07 15:31:25 GMT+10:00 2017	Land Cruiser 200	\$100,000.00	1	<b>\$100,000.00</b>
9	Tue Nov 07 15:31:25 GMT+10:00 2017	Camry	\$32,000.00	1	<b>\$32,000.00</b>

[Customer List](#) | [Car Order List](#) | [Main Page](#)