

Wisdom

Task: Create Location Table and Populate with records

Location

- location_id (Primary Key): A unique ID for the location.
- street: street of the address. (University of Kent)
- city: city of the address.
- county: county of the address.
- country:
- postcode: postcode of the address.
- telephone: telephone number of the address

Canterbury Address

University of Kent

Canterbury

Kent

England

CT2 7NZ

Telephone: 01227764000

Medway Address

University of Kent

Medway Building

Chatham Maritime


Kent

ME4 4AG

Telephone: 01634888800

Task: VES API and Google Maps API Integration

Fill in the form below and we will get you started

Registration Number	Postcode	
<input type="text"/>	<input type="text"/>	Submit

When the user clicks 'Submit':

- Check if the Registration is recognised
 - If not recognised, a pop up message displaying 'Vehicle registration isn't recognised'

- Check if the postcode entered is correct
 - If not recognised, a pop up message displaying 'Invalid postcode'

If both car registration and postcode is recognised, the user will be redirected to a new web page. (Ethan will get it ready by Monday)

Example:

Step 1: When the user enters their registration and postcode, once the 'Submit' button is clicked and both car reg and postcode is correct, it redirects to another web page.

Registration Number	Postcode	Submit
YE66RFN	CT2 7NZ	

Step 2: Ethan will create a web page similar to this (website link -> <https://www.f1autocentres.co.uk>) . From the API, the circled area in the red should be populated.

YOUR VEHICLE DETAILS	YOUR SELECTED CENTRE
YE66RFN <small>edit</small>	CANTERBURY <small>edit</small>
Make: BMW	Broad Oak Road, Canterbury, CT2 7QE
Model: 520D M SPORT AUTO	Approx. 0.9 miles away
	Tel: 01227 762211
	OTHER NEARBY CENTRES ►
CONFIRM ►	

The car registration will be displayed what the user entered.

VES API should retrieve data of the vehicle and:

- Display the make of the vehicle
- Display the model of the vehicle

The Google Maps API should calculate the distance between the postcode (user have entered) and location of the centres:

- Display the nearest centre
 - Populate the information as circled in the image.

Step 3: When the user clicks 'Other Nearby Centres', it should display the other centre which is far but the user have the option to select that centre

YOUR VEHICLE DETAILS

YE66RFN [edit](#)

Make: BMW

Model: 520D M SPORT AUTO

Tyre Size: 225/55R17Y

YOUR SELECTED CENTRE

CANTERBURY [edit](#)

Broad Oak Road, Canterbury, CT2 7QE

Approx. 0.9 miles away

Tel: 01227 762211

OTHER NEARBY CENTRES ▶

ASHFORD

Brunswick Road/ Hilton Road, Ashford, TN23 1EW

Approx. 13.8 miles away

Tel: 01233 746330

SELECT ▶

WESTWOOD CROSS

Unit 4, Westwood Cross Trade Park, Ravensgate Drive (off Holmes Way), Ramsgate, CT12 5FP

Approx. 14.3 miles away

Tel: 01843 868 600

SELECT ▶