

COMP 8347

Internet Applications and Distributed Systems

Lab 5

Submitted to: Dr. Adel Abusitta

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Part 1

1. Below screenshot displays changed views.py file.

A screenshot of a computer program

Description automatically generated with medium confidence

1. Below screenshot shows changed urls.py file

A picture containing screenshot, text, software, multimedia software

Description automatically generated

c.)

A picture containing screenshot, text, software, multimedia software

Description automatically generated

1. Started server and 127.0.0.1:8000 show the all car details.

A screenshot of a computer

Description automatically generated

1. We can use [:10] to get only 10 listings and order by function to sort the listings.

A picture containing text, screenshot, businesscard, font

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

1. Below screenshots shows the details of getting car details.

A screenshot of a computer program

Description automatically generated with medium confidence

A screen shot of a computer program

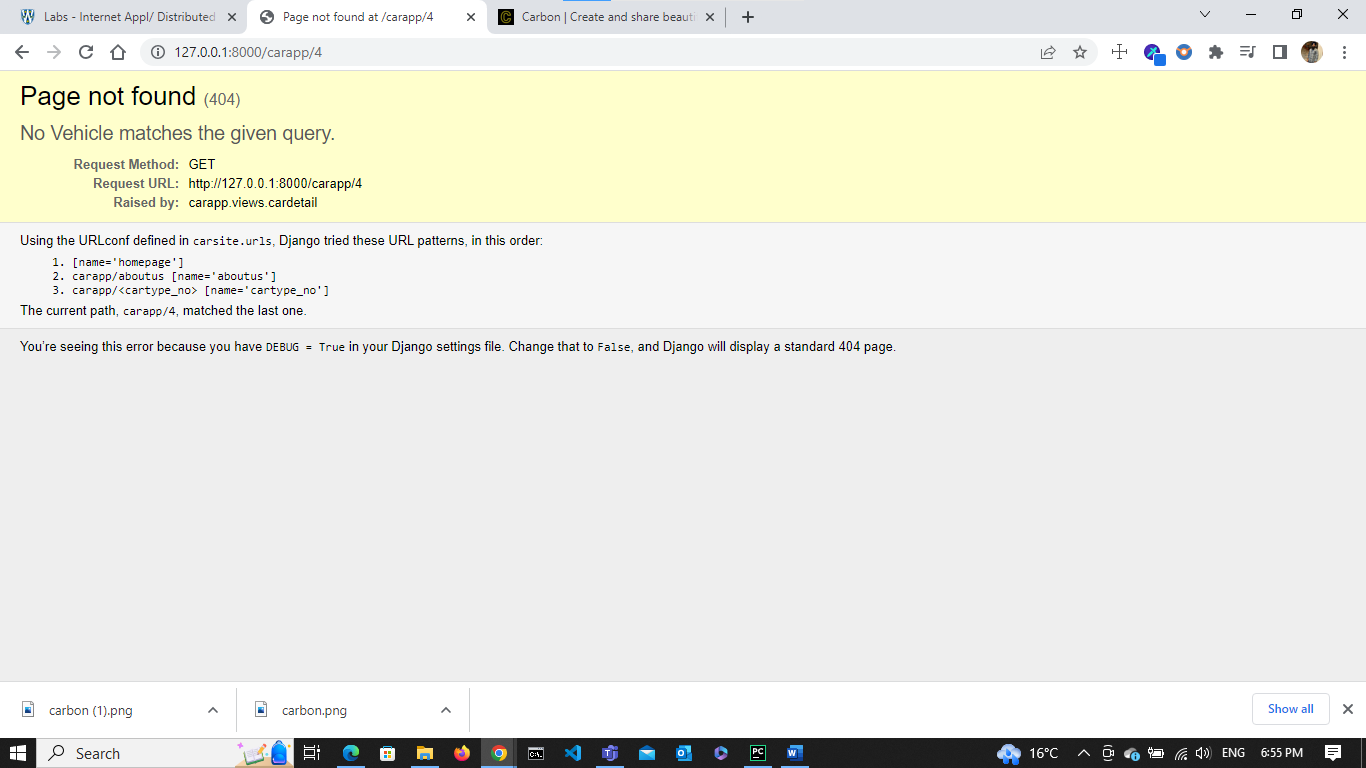
Description automatically generated with low confidence

Below screenshots shows the details of all the cars with type 1.

A screenshot of a computer

Description automatically generated

1. If no type is present user will see the message that No Vehicle matches display 404 error page.



Part 2

1. Model.py showing Group member fields.

A screenshot of a computer program

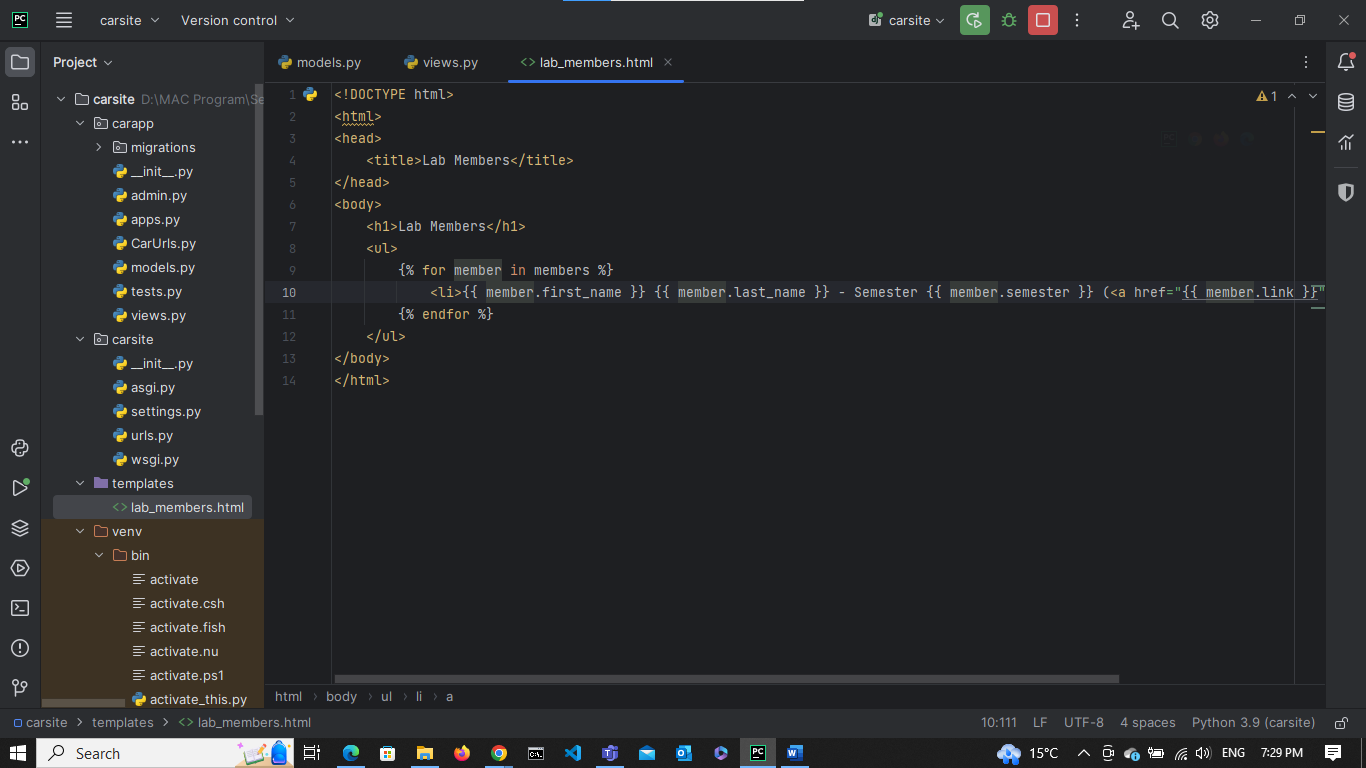
Description automatically generated with medium confidence

1. View.py

A screenshot of a computer

Description automatically generated

1. Template for displaying lab members.



1. Screenshot below displays when running <http://127.0.0.1:8000/members/> displays all the lab members details sorted according first name.

A screenshot of a computer

Description automatically generated

Part 3

**FBV:**

**A screen shot of a computer

Description automatically generated with medium confidence**

**CBV:**

**A screen shot of a computer program

Description automatically generated with low confidence**

**Changes to URLs:**

**A screen shot of a computer program

Description automatically generated with low confidence**

**A picture containing text, screenshot, font, software

Description automatically generated**

**Differences Noticed:**

**A picture containing text, screenshot, font

Description automatically generated**

# Differences between FBV and CBV  
# 1. The syntax for both views is different, as one is function based and the other uses class definitions.  
# 2. CBVs inherit from the View class and the FBVs don't have a base class  
# 3. CBVs have methods such as get() and post(), we have only used get() in this lab.  
# 4. Code organization is much better in classes, so CBVs have a much organized code, which doesn't seem like a big  
# problem for this lab as the code isn't that long but as the code base increases in size, CBVs will prove to be easily  
# readable.