

Personal Portfolio

(Group 117)

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(<https://github.com/hklhfong>,

<https://github.com/IFB299Assignment/IFB299>)

Artefact 1 – (Customer Main Page Search Function)

Customer Main Page Search Function is the first customer main page they going to view. It provided the functional button and different structure of link. Inside the search the It display the conditional Car table from database and output the result thought the proper format.

The function included Pick up a city, Drop Off City, And the date between car rental range. The result will out the search result and divided with full characteristics. Each result has a proper link to the detail information. And direct customer to book the selected car. Building customer for complete the rental mission.

The displaying show complete search GUI form, logical display until table structure that output the result This is one the main webpage architecture.

The coding from HTML, CSS, JAVASCRIPT on this template is completed by myself.

ABC Rental.com [Home](#) [Special Offers](#) [Locations](#) [Customer Service](#)

Search System

Pick Up City

Drop Off City

PickupDate

DropOffDate

Search

Filter Out

Car Id	Name	Price	Seat Number	Relaese Year
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Search System

Pick Up City

brisbane

Drop Off City

sydney

PickupDate

20/10/2018

DropOffDate

27/10/2018

Search

Filter Out

Car Id	Name	Price	Seat Number	Relaese Year
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Search System

Pick Up City

Drop Off City

PickupDate

dd/mm/yyyy

DropOffDate

dd/mm/yyyy

Search

Type contains:Car id:Brand name contains:Transmission:Price:

Luggage size contains:Seat number contains:Release year:

Filter Out

Car Id	Name	Price	Seat Number	Relaese Year
<div><div>Product image</div><div>More Details</div></div>	rgbhrtbryt	400		
<div><div>Product image</div><div>More Details</div></div>	r4vrvtg5			
<div><div>Product image</div><div>More Details</div></div>	MERCEDES-BENZ 2D CABRIOLET 5A	111580	4	2000
<div><div>Product image</div><div>More Details</div></div>	RENAULT 2D CABRIOLET 5M	400	4	2002
<div><div>Product image</div><div>More Details</div></div>	PEUGEOT 2D CABRIOLET 5M	400	4	2005
<div><div>Product image</div><div>More Details</div></div>	PEUGEOT 2D CABRIOLET 4ATip	400	4	

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Artefact 2 – (Customer Main Page Filter)

Filter function is the greatest function to sort out and filter out the search result and providing the favoured choice only specify the individual customer . Customer the main page filter function is based on text content included with car type, car, brand, transmission, price, luggage size contain, seat number and release year that can provide enough conditions types.

Input the correct file type of text and press the filter out button and return the result

Type contains: Car id: Brand name contains: Transmission: Price:
Luggage size contains: Seat number contains: Release year:

Car Id	Name	Price	Seat Number	Release Year
 <input type="button" value="More Details"/>	BMW 4D SEDAN 6AS	400	5	2005
 <input type="button" value="More Details"/>	BMW 4D SEDAN 5A	400	5	1996
 <input type="button" value="More Details"/>	BMW 4D SEDAN 5AS	400	5	2001
 <input type="button" value="More Details"/>	BMW 4D SEDAN 5A	400	5	1996
 <input type="button" value="More Details"/>	BMW 4D SEDAN 5AS	400	5	1997
 <input type="button" value="More Details"/>	BMW 4D SEDAN 5AS	400	5	1996
 <input type="button" value="More Details"/>	BMW 4D SEDAN 5M	400	5	1991
 <input type="button" value="More Details"/>	BMW 4D WAGON 6A	400	5	
 <input type="button" value="More Details"/>	BMW 4D WAGON 5AS	400	5	2004
 <input type="button" value="More Details"/>	BMW 4D WAGON 5AS	400	5	2001

ABC Rental.com

[Home](#)
[Special Offers](#)
[Locations](#)
[Customer Service](#)

Search System

Pick Up City

Drop Off City

PickupDate

DropOffDate

dd/mm/yyyy

dd/mm/yyyy

Search

Type contains

Car id

Brand name contains

Transmission


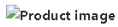

Price

Luggage size contains

Seat number contains

Release year

Filter Out

Car Id	Name	Price	Seat Number	Release Year
 More Details	BMW 4D SEDAN 5A	400	5	1996
 More Details	BMW 4D SEDAN 5A	400	5	1996
 More Details	BMW 4D SEDAN 5AS	400	5	1996

En

Artefact 3– (Supervision and Debugging Support)

Supervision with the teammate and try to communicate with any who have the problem and facing the debugging problems. The area includes model, template, views functions. Each time of the group meeting I spend 15min to solve other teammates problems. Also searching on the website and library to collect the solution for the guiding of Django, HTML, CSS and bootstrap.

On the other hand, I have to lead the team to maintain the consistency of the target mission and finish the spring plan on time. The help the team to manage the time management, code quality and logical function design.

The half of the team do have website site build experience .therefore guiding their action to correct path is the key the success for finishing the project.

Artefact 4 – (Development Bootstrap CSS)

The Bootstrap 4 is a popular framework for using to develop the website Interface. It helps the whole team to speed up the design and function coding performance. It also helps to build the form writing and search result output structures.

The bootstrap 4 technology cover on most templates

Search System

Pick Up City

Drop Off City

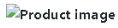

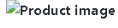
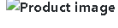
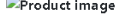

PickupDate

DropOffDate

[Search](#)

Type contains: Car id: Brand name contains: Transmission: Price:

Luggage size contains: Seat number contains: Release year: [Filter Out](#)

Car Id	Name	Price	Seat Number	Release Year
 More Details	rgbhrtbryt	400		
 More Details	r4rvvetg5			
 More Details	MERCEDES-BENZ 2D CABRIOLET 5A	111580	4	2000
 More Details	RENAULT 2D CABRIOLET 5M	400	4	2002
 More Details	PEUGEOT 2D CABRIOLET 5M	400	4	2005
 More Details	PEUGEOT 2D CABRIOLET 4ATip	400	4	2006

Welcome to ABC Car Rental !!

Click the button below to process further rental section.

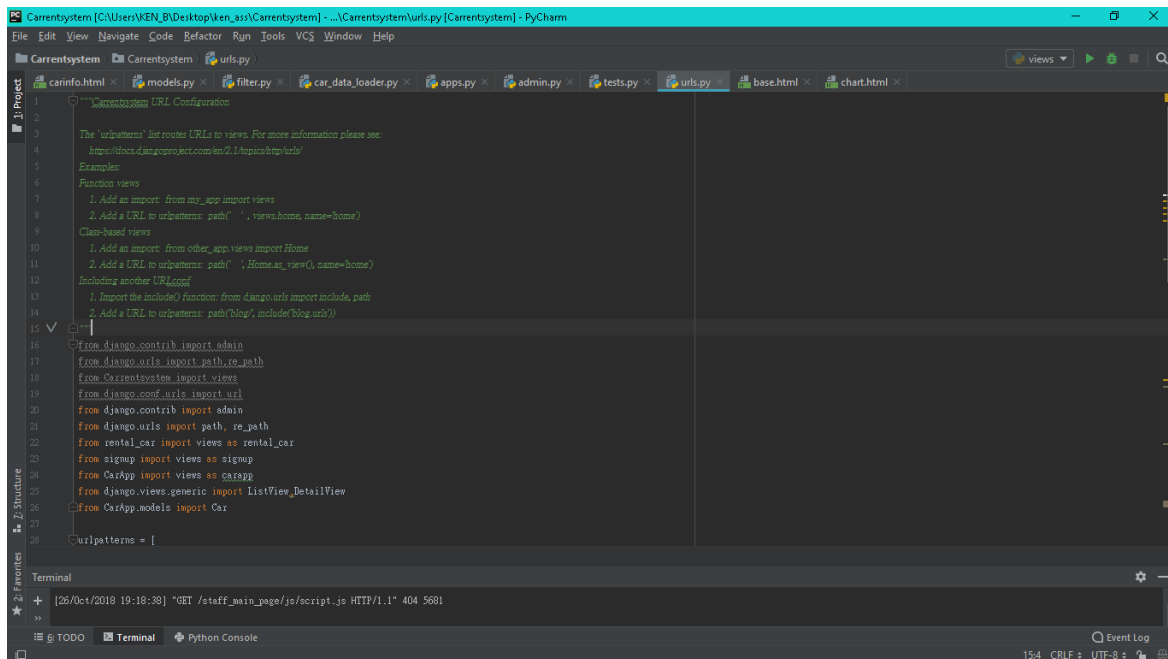
[Start Rental](#)

[Staff Login](#)

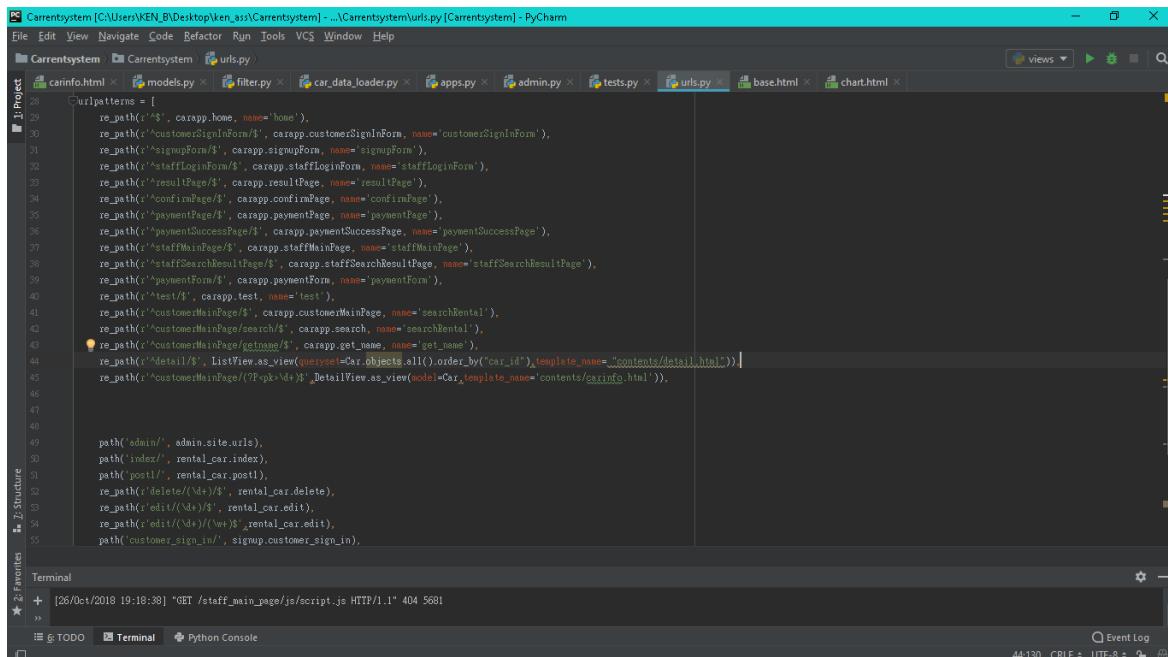
Artefact 5 – (URL coding)

The URL help customers and staff the completed the online booking, report, and check staff history .however we have main the complete URL and Link is related to each page website. therefore the user can use the online service without obstacles.

After Nim Cheong Kee design structure walkthrough for whole website architecture. I solve the coding for using repath and path.



```
1 # -*- coding: utf-8 -*-
2
3 """
4 The 'urlpatterns' list routes URLs to views. For more information please see:
5 https://docs.djangoproject.com/en/2.1/topics/http/urls/
6 Examples:
7 Function views
8 1. Add an import: from my_app import views
9 2. Add a URL to urlpatterns: path('', views.home, name='home')
10 Class-based views
11 1. Add an import: from other_app.views import Home
12 2. Add a URL to urlpatterns: path('', Home.as_view(), name='home')
13 Including another URLconf
14 1. Import the include() function: from django.urls import include, path
15 2. Add a URL to urlpatterns: path('blog/', include('blog.urls'))
16
17 from django.contrib import admin
18 from django.urls import path, re_path
19 from Carrentsystem import views
20 from django.conf.urls import url
21 from django.contrib import admin
22 from django.urls import path, re_path
23 from rental_car import views as rental_car
24 from signup import views as signup
25 from CarApp import views as CarApp
26 from django.views.generic import ListView, DetailView
27 from CarApp.models import Car
28
29 urlpatterns = [
30     path('admin/', admin.site.urls),
31     path('index/', rental_car.index),
32     path('post/', rental_car.post),
33     re_path(r'^delete/(?P<id>)/$', rental_car.delete),
34     re_path(r'^edit/(?P<id>)/$', rental_car.edit),
35     re_path(r'^edit/(?P<id>)/(?P<id>)/$', rental_car.edit),
36     path('customer_sign_in/', signup.customer_sign_in),
37 ]
```



```
28 urlpatterns = [
29     re_path(r'^$', CarApp.home, name='home'),
30     re_path(r'^customerSigninForm/$', CarApp.customerSigninForm, name='customerSigninForm'),
31     re_path(r'^signupForm/$', CarApp.signupForm, name='signupForm'),
32     re_path(r'^staffLoginForm/$', CarApp.staffLoginForm, name='staffLoginForm'),
33     re_path(r'^resultPage/$', CarApp.resultPage, name='resultPage'),
34     re_path(r'^confirmPage/$', CarApp.confirmPage, name='confirmPage'),
35     re_path(r'^paymentPage/$', CarApp.paymentPage, name='paymentPage'),
36     re_path(r'^paymentSuccessPage/$', CarApp.paymentSuccessPage, name='paymentSuccessPage'),
37     re_path(r'^staffMainPage/$', CarApp.staffMainPage, name='staffMainPage'),
38     re_path(r'^staffSearchResultPage/$', CarApp.staffSearchResultPage, name='staffSearchResultPage'),
39     re_path(r'^paymentForm/$', CarApp.paymentForm, name='paymentForm'),
40     re_path(r'^test/$', CarApp.test, name='test'),
41     re_path(r'^customerMainPage/$', CarApp.customerMainPage, name='searchRental'),
42     re_path(r'^customerMainPage/search/$', CarApp.search, name='searchRental'),
43     re_path(r'^customerMainPage/getname/$', CarApp.get_name, name='get_name'),
44     re_path(r'^detail/$', ListView.as_view(queryset=Car.objects.all().order_by('car_id'), template_name='contents/detail.html')),
45     re_path(r'^customerMainPage/(?P<pk>id)$', DetailView.as_view(model=Car, template_name='contents/carinfo.html')),
46 ]
47
48 path('admin/', admin.site.urls),
49 path('index/', rental_car.index),
50 path('post/', rental_car.post),
51 re_path(r'^delete/(?P<id>)/$', rental_car.delete),
52 re_path(r'^edit/(?P<id>)/$', rental_car.edit),
53 re_path(r'^edit/(?P<id>)/(?P<id>)/$', rental_car.edit),
54 path('customer_sign_in/', signup.customer_sign_in),
55 ]
```

