Date - 02/06/2021

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College – GOVERANMENT ENGINEERING COLLEGE, MODASA

Branch – Information Technology (BE)

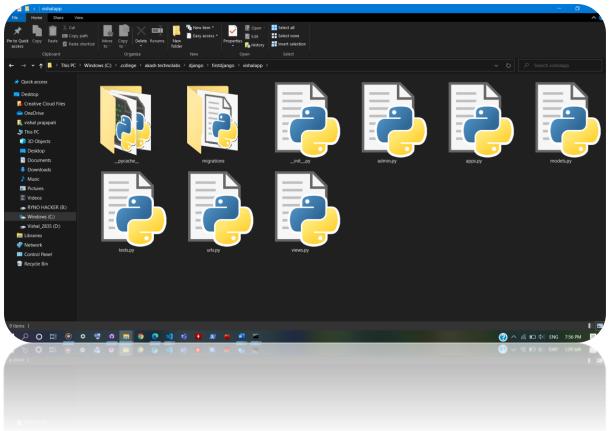
Sem -7th

Task for Day 7:

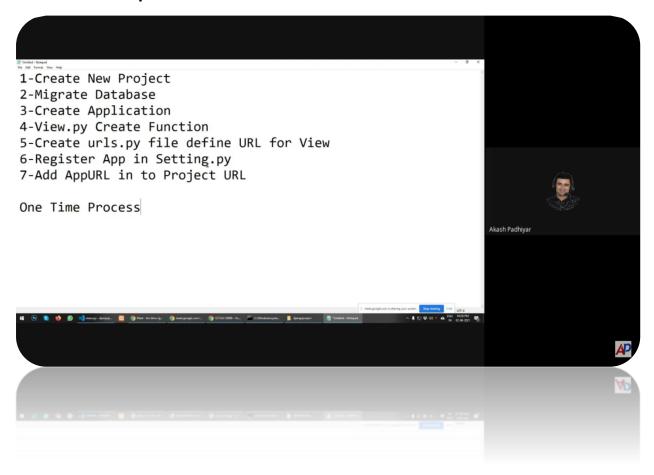
Creating an app basic work on Django Project:

1. Create app

"python manage.py startapp myapp"



It's all one time process:-



After creating an app we need to code in views.py

```
from django.shortcuts import render
from django.http import HttpResponse

def homepageview(ewquest):

return HttpResponse("Welcome to Django Project")
```

Code of urls.py

```
from django.urls import path
from .import views

urlpatterns = [
   path(", views.homepageview, name="home"),
]
```

Then in Project1 folder in urls.py We need to define the path of our app Project1 urls.py code

```
from django.contrib import admin from django.urls import path ,include
```

```
urlpatterns = [
  path('admin/', admin.site.urls),
  path('',include('myapp.urls')),]
```

Output:

Project is live -

By default it will run on the Port number 8000

http://127.0.0.1:8000/

```
Aicrosoft Windows [Version 10.0.19043.985]

(c) Microsoft Corporation. All rights reserved.

C:\.college\akash technolabs\django\firstdjango>python manage.py runserver Watching for file changes with StatReloader Performing system checks...

System check identified no issues (0 silenced).

June 14, 2021 - 19:58:02

Django version 3.2.4, using settings 'firstdjango.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CTRL-BREAK.
```

Now try by adding more Views in these Project

Views.py

from django.shortcuts import render

from django.http import HttpResponse

def homepageview(request):

return HttpResponse("Welcome to homepage")

def aboutpageview(request):

return HttpResponse("About us Page")

```
def contactpageview(request):
    return HttpResponse("Contact us Page")
```

Urls.py

```
from django.urls import path

from .import views

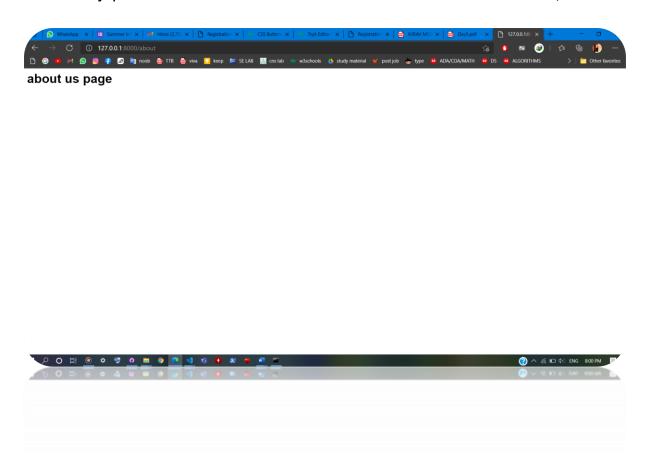
urlpatterns = [
    path(", views.homepageview, name="home"),
    path('about', views.aboutpageview, name="about"),
    path('contact', views.contactpageview, name="contact"),
```

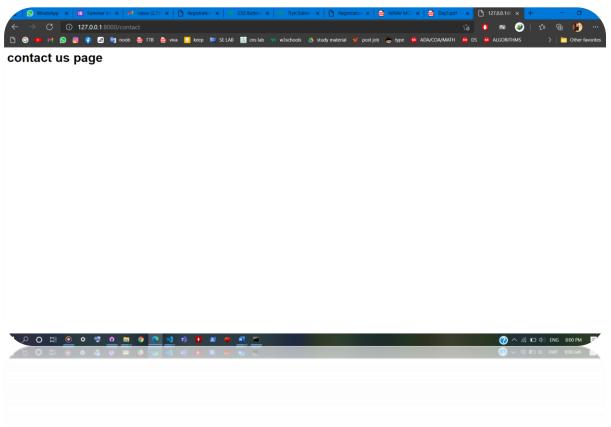
Output: -

]









Use command – python manage.py createsuperuser

```
Performing system checks...
System check identified no issues (0 silenced).
June 14, 2021 - 19:58:02
Django version 3.2.4, using settings 'firstdjango.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CTRL-BREAK.
[14/Jun/2021 19:59:41] "GET / HTTP/1.1" 200 29
[14/Jun/2021 19:59:58] "GET /about HTTP/1.1" 200 22
[14/Jun/2021 20:00:10] "GET /contact HTTP/1.1" 200 24
C:\.college\akash technolabs\django\firstdjango>python manage.py createsuperuser
Username (leave blank to use 'visha'): vishal
Username (leave blank to use 'visha'):
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                                                                                                                                    (2) ^ (€ 10- (1)) ENG 8:01 PM
     File Edit Selection View Go Run Terminal Help
                                                                  urls.py - firstdjango - Visual Studio Code
                                          e urls.py vishalapp
                                                                                                                                                      ▶ Ⅲ ⋅
                              The `urlpatterns` list routes URLs to views. For more information please see:

https://docs.djangoproject.com/en/3.2/topics/http/urls/
Examples:
Function views

1. Add an import
       > OPEN EDITORS
       ∨ FIRSTDJ... [‡ 日 ひ 🗊
        ∨ 庙 firstdjango
         > D _pycache_

    1. Add an import: from my_app import views
    2. Add a URL to urlpatterns: path('', views.home, name='home')
Class-based views
                                   1. Add an import: from other_app.views import Home
2. Add a URL to urlpatterns: path('', Home.as_view(), name='home')
        > lim templates
         ∨ 📻 vishalapp
                                   1. Import the include() function: from django.urls import include, path
2. Add a URL to urlpatterns: path('blog/', include('blog.urls'))
"""
         > 📴 _pycache_
          > 📴 __pycache__
                                  from django.contrib import admin
from django.urls import path,include
            __init_.py
           - _init_.py
           admin.py
                                  urlpatterns = [
  path('admin/', admin.site.urls),
  path('',include('vishalapp.urls')),
]
           e models.py
           tests.py
           🗬 views.py
          nanage.py
  Python 3.9.4 64-bit ⊗ 0 🛦 0
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                                                                                                                                  (?) ^ (€ 🗀 Ф) ENG 8:02 PM
```

Opening an admin panel in Browser: -

