Making a website through django

1. Set up –

Create virtual environment through – conda create (--)name FullStackApp python=3

This setup the virtual environment and installs python3

Then we activate it by source activate FullStackApp

Ignore it we are making a Django project

So step 1 is install django so pip install django

django-admin startproject FullStackApp

Then we start the app

Django-admin startapp my\_app

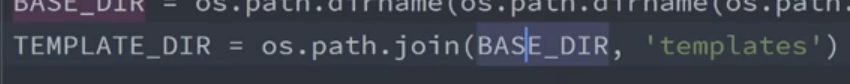
1. Creating website-

Create templates directory and in that base.html to have some code to render

We need to create a view and map a url to make this work. But for now we have to register our app we do this everytime we make a new app

To register we go to FullStackApp/settings and under INSTALLED\_APPS just add ‘my\_app’

For Django to know where templates is stored we need to add the below in settings



Then we add TEMPLATE\_DIR to

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Then we add

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These static files are used for creating graphics for the web app

Create a home view –

Under my\_app/views

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Now we map urls to this

Under my\_app we make a python file called urls

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Now we build a model and setup the fields

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Now we want to migrate these changes to the python database

Python manage.py makemigrations

Python manage.py migrate

Then we check the out the page by pyhton manage.py runserver

Before that lets integrate search model to the admin page

Go to my\_app/admin and then

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to remove the searchs from above we go to my\_app/models and add this class Meta

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After searching for something we get this to replace the search object for the thing we searched we just add this to my\_app/models

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So the home page isn’t working and the fix was under FullStackApp/urls

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We import include and from my\_app import views and added this path with include to the urlpatterns

And now it works

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So when we enter the home address it goes to my\_app/urls sees that it matches ‘ ‘ then it goes to run home function from views ( views.home ) and the home function renders the base.html file which gives us the above image