Django Base Notes

Create the Project

django-admin startproject [project name]

Create the templates and static directories

cd [project name]

mkdir templates

mkdir static

Create the css, js and img directories inside the static directory

cd ../static

mkdir css

mkdir js

mkdir img

Verify the Structure

cd ..

tree

MacBook-Air-de-Abraham:dj18Base Seiji$ tree

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├── DjangoBaseNotes.docx

├── dj18Base

│   ├── \_\_init\_\_.py

│   ├── settings.py

│   ├── urls.py

│   └── wsgi.py

├── manage.py

├── static

│   ├── css

│   ├── img

│   └── js

└── templates

Configure Static and Template Directories

Edit the settings.py file to set up the static and template directories

In the Template section change the DIRS Attribute to.

Add the Following Lines at the very end of the File

# The Following line was added to specify the Static File Directory of the Project

STATICFILES\_DIRS = (os.path.join(BASE\_DIR, "static"), )

# Setting up the first rendered view with class based views.

## Set up the url.py file

Edit the main urls.py file and add the following.

from django.views.generic import TemplateView

urlpatterns = [

url(r'^test/', TemplateView.as\_view(template\_name="base\_site.html")),

url(r'^admin/', include(admin.site.urls)),

]

This will use the generic template view when typing in the browser url/test and will render the base\_site.html template.

## Create the base\_site.html

This page will be the basic template for the entire site, its design will give the whole look and feel of the application. Create the following file templates/base\_site.html

This basic template was created using bootstrap framework.

{% load staticfiles %}

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, user-scalable=no, initial-scale=1.0, maximum-scale=1.0, minimum-scale=1.0">

<title>Bootstrap Base</title>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/css/bootstrap.min.css">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/css/bootstrap-theme.min.css">

<!-- Include the following line to Display Content right below the nav bar -->

<style type="text/css"> body {padding-top: 60px;} </style>

</head>

<title>Django 1.8 Base Page</title>

</head>

<body>

<nav class="navbar navbar-inverse navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#navbar" aria-expanded="false" aria-controls="navbar">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a class="navbar-brand" href="#">Project name</a>

</div>

<div id="navbar" class="collapse navbar-collapse">

<ul class="nav navbar-nav">

<li class="active"><a href="#">Home</a></li>

<li><a href="#about">About</a></li>

<li><a href="#contact">Contact</a></li>

</ul>

</div><!--/.nav-collapse -->

</div>

</nav>

<div class="container">

<div class="row">

<div class="col-lg-12 col-md-12 col-sm-12 col-xs-12">

<h1 class="text-center">Hello World!!!!</h1>

</div>

</div>

</div>

</body>

<script src="https://code.jquery.com/jquery-1.11.3.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.4/js/bootstrap.min.js"></script>

</html>

Next