**Mayple 템플릿 적용방법**

|  |
| --- |
| * 공유 디렉토리   [10.maple\_project](https://drive.google.com/drive/u/0/folders/1mHEGVSlzSyuPZORyl-QVfIV2ITsZcTIn?ths=true)   * 공유 템플릿 소스   01.source >10.template>  [10.template - Google Drive](https://drive.google.com/drive/u/0/folders/1ujq5iiA1A6AuLOUl9m4A5BH-7R4y2kzD?ths=true)   * 공유문서 ( 템플릿 적용 방법 )   02.문서  <https://docs.google.com/document/d/1s5gAP6yGmfqcIJpqjJD3Ivd9EuqcpYmV9CO97mb5LhA/edit>   * 화면설계   <https://docs.google.com/spreadsheets/d/1_miFB6--wEMDT_W6t9ZeiD2coNPUNEiDAxoc3wtA3e0/edit#gid=711118475> |

**A. WEB :**  maple

1) >django-admin startproject maple

2) maple > settings.py 변경

|  |
| --- |
| ALLOWED\_HOSTS = [**'localhost'**,**'127.0.0.1'**]  INSTALLED\_APPS = [  **'django.contrib.admin'**,  **'django.contrib.auth'**,  **'django.contrib.contenttypes'**,  **'django.contrib.sessions'**,  **'django.contrib.messages'**,  **'django.contrib.staticfiles'**,  **'mapleApp'**,  ]  TIME\_ZONE = **'Asia/seoul'**  STATIC\_ROOT = os.path.join(BASE\_DIR, **'static'**) |

3) maple > urls.py

|  |
| --- |
| urlpatterns = [  path(**'admin/'**, admin.site.urls),  path(**'maple/'**, include(**'mapleApp.urls'**)),  ] |

4) 확인

5) > python manage.py runserver

<http://127.0.0.1:8000/> 접속하여 로켓 확인

**B.application : mapleApp**

* 디렉토리구성

|  |
| --- |
| mapleApp  > static  > templates  sample\_crud.html  admin.py  apps.py  urls.py  views.py |

6)  **>python manage.py startapp mapleApp**

7) mapleApp>urls.py 파일 공유서버에서 복사 or 신규생성 후 필요부분 추가

|  |
| --- |
| from djang.contrib import admin  from django.urls import path, include  from mapleApp import views  urlpatterns = [  *#----------------------< 공통 :기본 메뉴이동 >----------------------*  *# index / login*  path(**'index/'** , views.index , name=**'index'**),  *# 주문*  path(**'order/'** , views.order , name=**'order'**),  *# 주문현황*  path(**'orderStatus/'** , views.orderStatus , name=**'orderStatus'**),  *# 주문*  path(**'menu/'** , views.menu , name=**'menu'**),  *# 직원관리*  path(**'staff/'** , views.staff , name=**'staff'**),  *# 매출현황*  path(**'salesStatus/'** , views.salesStatus , name=**'salesStatus'**),  *#----------------------< 김민재 >----------------------#*  *#----------------------< 심영석 >----------------------#*  *#----------------------< 박우환 >----------------------#*  *#----------------------< 오은영 >----------------------#*  *#----------------------< 정연욱 >----------------------#*  *#----------------------< 최유숙 >----------------------#*  *#----------------------< sample >----------------------#*  *# sample*  path(**'sampleUi/'** , views.sampleUi ,name=**'sampleUi'**),  path(**'sampleCrud/'** , views.sampleCrud ,name=**'sampleCrud'**),  *#상품조회*  path(**'serchProduct/'**, views.serchProduct ,name=**'serchProduct'**),  *#상품등록*  path(**'insertProduct/'**, views.insertProduct, name=**'insertProduct'**),  *# 상품수정*  path(**'updateProduct/'**, views.updateProduct, name=**'updateProduct'**),  *# 상품삭제*  path(**'deleteProduct/'**, views.deleteProduct, name=**'deleteProduct'**),  ] |

8) mapleApp>views.py 추가

|  |
| --- |
| from django.http import JsonResponse  from django.shortcuts import render , redirect  from .models import \*  from django.core.paginator import \*  *#----------------------< 공통 : 메뉴이동>--------------------#*  *# landing / login*  def index(request):  return render(request,**'index.html'**)  *# order*  def order(request):  return render(request,**'order.html'**)  *# orderStatus*  def orderStatus(request):  return render(request,**'orderStatus.html'**)  *# menu*  def menu(request):  return render(request,**'menu.html'**)  *# staff*  def staff(request):  return render(request,**'staff.html'**)  *# salesStatus*  def salesStatus(request):  return render(request,**'salesStatus.html'**)  *#----------------------< 김민재 >----------------------#*  *#----------------------< 심영석 >----------------------#*  *#----------------------< 박우환 >----------------------#*  *#----------------------< 오은영 >----------------------#*  *#----------------------< 정연욱 >----------------------#*  *#----------------------< 최유숙 >----------------------#*  *#----------------------< sample >----------------------#*  *# 샘플화면*  def sampleUi(request):  print(**'\*> sampleUi :'**)    return render(request,**'sample\_ui.html'**)  *# 샘플CRUD - 상품관리*  def sampleCrud(request):  print(**'\*> sampleCrud :'**)  return redirect(**'serchProduct'**)  *# 샘플CRUD - 상품조회*  def serchProduct(request):  print(**'\*> serchProduct :'**)  producs = SampleProduct.objects.all()  *# title writer content regdata viewcnt*  *#print('\*>producs -', type(producs), producs)*  context = {**'producs'**: producs,}  return render(request, **'sample\_crud.html'**, context)  *# 샘플CRUD - 입력*  def insertProduct(request):  print(**'\*> insertProduct :'**)    *# Client 값 확인*  pdName=request.POST.get(**'pdName'**, **'0'**)  pdPrice=request.POST.get(**'pdPrice'**, 0)  *# 데이터 저장*  pro=SampleProduct(pd\_name = pdName,pd\_price = pdPrice)  pro.save()  return redirect(**'serchProduct'**)  *# 샘플CRUD - 수정*  def updateProduct(request):  print(**'\*> updateProduct ------:'**)  *# Client 값 확인*  pID = request.POST.get(**'pID'**, 0)  pdName = request.POST[**'pdName'**]  pdPrice=request.POST.get(**'pdPrice'**, 0 )  print(**'request modify - '**, pdName, pdPrice,pID)  *# 데이터 수정*  pro = SampleProduct.objects.get(id=pID)  pro.pd\_name = pdName  pro.pd\_price = pdPrice  pro.save()  *#화면이동*  return redirect(**'serchProduct'**)  *# 샘플CRUD - 삭제*  def deleteProduct(request):  print(**'\*> deleteProduct :'**)  *# Client 값 확인*  pID = request.POST.get(**'pID'**, 0)  print(**'request bbs\_remove param -id ,pID '** , pID)  *# 데이터 삭제*  SampleProduct.objects.get(id=pID).delete()  *#화면이동*  return redirect(**'serchProduct'**) |

9) templates 디렉토리 생성

mapleApp > templates 디렉토리 생성후 html 파일 copy

* sample\_crud.html

10) bootstrap 적용

mapleApp > static 디렉토리 생성후 서버에서 static 디렉토리 그대로 붙여넣기

11) mapleApp>models.py 추가

|  |
| --- |
| from django.db import models  from django.utils import timezone  *# Create your models here.*  *#----------------------< 공통 >----------------------*  class SampleProduct(models.Model):  pd\_name = models.CharField(max\_length=100)  pd\_price = models.IntegerField(default=0)  *#----------------------< 김민재 >----------------------*  *#----------------------< 심영석 >----------------------*  *#----------------------< 박우환 >----------------------*  *#----------------------< 오은영 >----------------------*  *#----------------------< 정연욱 >----------------------*  *#----------------------< 최유숙 >----------------------* |

12) mapleApp>admin.py 추가

|  |
| --- |
| from django.contrib import admin  *# Register your models here.*  from django.contrib import admin  from .models import \*  *# Register your models here.*  *#----------------------< 공통 >----------------------*  admin.site.register(SampleProduct)  *#----------------------< 김민재 >----------------------*  *#----------------------< 심영석 >----------------------*  *#----------------------< 박우환 >----------------------*  *#----------------------< 오은영 >----------------------*  *#----------------------< 정연욱 >----------------------*  *#----------------------< 최유숙 >----------------------* |

13) DB Migration

> python manage.py makemigrations

> python manage.py migrate

14) 페이지

> python manage.py runserver

http://127.0.0.1:8000/maple/sampleCrud

**<참고 : Bootstrap 디자인 적용하기 >**

|  |
| --- |
| 1. 선택한 디자인의 bootstrap download  2. app 디렉토리 아래 static 디렉토리 생성 후 파일 복사  3. **settings.py** 마지막줄에 static\_root 추가  **STATIC\_ROOT = os.path.join(BASE\_DIR, 'static')**  4. .html 페이지 상단에 추가  **{% load static%}**  5. .html 페이지의 이미지, css 파일 링크 등 찾아서 static 으로 변경  예)  변경전  <link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">  <link href="css/business-casual.min.css" rel="stylesheet">  <img class="intro-img img-fluid mb-3 mb-lg-0 rounded" src="img/intro.jpg" alt="">  변경 후  <link href="**{% static 'vendor/bootstrap/css/bootstrap.min.css'%}**" rel="stylesheet">  <link href="{% static 'css/business-casual.min.css' %}" rel="stylesheet">  <img class="intro-img img-fluid mb-3 mb-lg-0 rounded" src="{% static 'img/intro.jpg'%}" alt=""> |