Attendance system
_Init_py
"""
Django settings for Attendance_System project.

Generated by 'django-admin startproject' using Django 2.1.1.

For more information on this file, see
https://docs.djangoproject.com/en/2.1/topics/settings/

For the full list of settings and their values, see
https://docs.djangoproject.com/en/2.1/ref/settings/
"""

import os

# Build paths inside the project like this: os.path.join(BASE_DIR, ...)
BASE_DIR = os.path.dirname(os.path.dirname(os.path.abspath(__file__)))

Quick-start development settings - unsuitable for production
See https://docs.djangoproject.com/en/2.1/howto/deployment/checklist/

# SECURITY WARNING: keep the secret key used in production secret!
SECRET_KEY = '8+%^jq#ilmh)r=-c6b1^br5j1scqu%keo31$jv=$wrv7@+82mu'

# SECURITY WARNING: don't run with debug turned on in production!
DEBUG = True

ALLOWED_HOSTS = ['*']

Application definition

INSTALLED_APPS = [
'django.contrib.admin',
'django.contrib.auth',
'django.contrib.contenttypes',
'django.contrib.sessions',
'django.contrib.messages',
'django.contrib.staticfiles',
'corsheaders',
'api_v1',
]

```python
MIDDLEWARE = [
'django.middleware.security.SecurityMiddleware',
'django.contrib.sessions.middleware.SessionMiddleware',
'django.middleware.common.CommonMiddleware',
'django.middleware.csrf.CsrfViewMiddleware',
'django.contrib.auth.middleware.AuthenticationMiddleware',
'django.contrib.messages.middleware.MessageMiddleware',
'django.middleware.clickjacking.XFrameOptionsMiddleware',
'corsheaders.middleware.CorsMiddleware',
'django.middleware.common.CommonMiddleware',
]


ROOT_URLCONF = 'Attendance_System.urls'


TEMPLATES = [
{
'BACKEND': 'django.template.backends.django.DjangoTemplates',
'DIRS': [os.path.join(BASE_DIR, 'templates')],
'APP_DIRS': True,
'OPTIONS': {
'context_processors': [
'django.template.context_processors.debug',
'django.template.context_processors.request',
'django.contrib.auth.context_processors.auth',
'django.contrib.messages.context_processors.messages',
],
},
},
]


WSGI_APPLICATION = 'Attendance_System.wsgi.application'



# Database
# https://docs.djangoproject.com/en/2.1/ref/settings/#databases


'''
DATABASES = {
'default': {
'ENGINE': 'django.db.backends.sqlite3',
'NAME': os.path.join(BASE_DIR, 'db.sqlite3'),
}
}
'''


if 'RDS_HOSTNAME' in os.environ:
DATABASES = {
'default': {
'ENGINE': 'django.db.backends.mysql',
'NAME': os.environ['RDS_DB_NAME'],
```

```python
            'USER': os.environ['RDS_USERNAME'],
            'PASSWORD': os.environ['RDS_PASSWORD'],
            'HOST': os.environ['RDS_HOSTNAME'],
            'PORT': os.environ['RDS_PORT'],
            }
            }


            # Password validation
            # https://docs.djangoproject.com/en/2.1/ref/settings/#auth-
password-validators


            AUTH_PASSWORD_VALIDATORS = [
            {
            'NAME':
'django.contrib.auth.password_validation.UserAttributeSimilarityValidator
',
            },
            {
            'NAME':
'django.contrib.auth.password_validation.MinimumLengthValidator',
            },
            {
            'NAME':
'django.contrib.auth.password_validation.CommonPasswordValidator',
            },
            {
            'NAME':
'django.contrib.auth.password_validation.NumericPasswordValidator',
            },
            ]



            # Internationalization
            # https://docs.djangoproject.com/en/2.1/topics/i18n/


            LANGUAGE_CODE = 'en-us'


            TIME_ZONE = 'UTC'


            USE_I18N = True


            USE_L10N = True


            USE_TZ = True



            REST_FRAMEWORK={
            "DATETIME_FORMAT": "%Y-%m-%d %H:%M:%S UTC",
            "DEFAULT_AUTHENTICATION_CLASSES": (
```

```
            'rest_framework.authentication.BasicAuthentication',
            'rest_framework.authentication.TokenAuthentication',
            ),
            }
            # Static files (CSS, JavaScript, Images)
            # https://docs.djangoproject.com/en/2.1/howto/static-files/


            STATIC_URL = '/static/'
            STATIC_ROOT = os.path.join(BASE_DIR,'static')


            #LOGIN/LOGOUT URL
            LOGIN_REDIRECT_URL = '/home'
            LOGOUT_REDIRECT_URL = '/accounts/login'


            #CORS
            CORS_ORIGIN_ALLOW_ALL = True
```

*Urls.py

```
"""Attendance_System URL Configuration

            The `urlpatterns` list routes URLs to views. For more
information please see:
            https://docs.djangoproject.com/en/2.1/topics/http/urls/
            Examples:
            Function views
            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')
            Including another URLconf
            1. Import the include() function: from django.urls import
include, path
            2. Add a URL to urlpatterns: path('blog/',
include('blog.urls'))
            """
            from django.contrib import admin
            from django.urls import path
            from django.conf.urls import url, include
            from django.contrib.auth.views import LogoutView
            from . import settings


            urlpatterns = [
            path('admin/', admin.site.urls),
            url(r"^",include("api_v1.urls")),
            path('accounts/', include('django.contrib.auth.urls')), # new
            url(r'^logout/$', LogoutView.as_view(), {'next_page':
settings.LOGOUT_REDIRECT_URL}, name='logout'),
            ]
```

WSGI.PY

```
"""
            WSGI config for Attendance_System project.

            It exposes the WSGI callable as a module-level variable named
``application``.
```

```
For more information on this file, see
https://docs.djangoproject.com/en/2.1/howto/deployment/wsgi/
"""


import os


from django.core.wsgi import get_wsgi_application


os.environ.setdefault('DJANGO_SETTINGS_MODULE',
'Attendance_System.settings')


application = get_wsgi_application()
```