

Install Python 3

<https://www.python.org/downloads/>

Check to make sure latest update of pip

```
pip3 install --upgrade pip
```

Install Virtual Environment

<https://virtualenv.pypa.io/en/latest/installation/>

```
pip3 install virtualenv
```

Install and Create Virtual Environment Wrapper

<https://virtualenvwrapper.readthedocs.io/en/latest/>

```
pip3 install virtualenvwrapper

export WORKON_HOME=~/.Envs

mkdir -p $WORKON_HOME

source /usr/local/bin/virtualenvwrapper.sh

mkvirtualenv burgerForm
```

Install Django 2.1.7

<https://www.djangoproject.com/download/>

```
pip3 install Django==2.1.7
```

Django Burger Form Project

<https://docs.djangoproject.com/en/2.1/intro/tutorial01/>

Work on virtual environment

```
workon djangoBurger
```

To deactivate virtual environment

```
deactivate
```

Make a directory

```
mkdir djangoBurger
```

Start a django project inside djangoBurger

```
django-admin startproject burgerSite
```

Run server at <http://127.0.0.1:8000/>

```
python3 manage.py runserver
```

(Ctrl + C to exit from terminal)

Start an application

```
python3 manage.py startapp burgerForm
```

Create burgerForm/ticketView.py and edit burgerSite/urls.py and burgerForm/urls.py

Set up database in burgerSite/settings.py

```
INSTALLED_APPS = [
    'django.contrib.admin',
    'django.contrib.auth',
    'django.contrib.contenttypes',
    'django.contrib.sessions',
    'django.contrib.messages',
    'django.contrib.staticfiles',
    'burgerForm',
]

DATABASES = {
    'default': {
        'ENGINE': 'django.db.backends.postgresql',
        'NAME': 'djangoBurger_database',
        'USER': 'djangoBurger_user',
        'PASSWORD': 'djangoBurger_password789',
        'HOST': '127.0.0.1',
        'PORT': '8196',
    }
}

TIME_ZONE = 'America/New_York'
```

Migrate changes

```
python3 manage.py migrate
```

If ModuleNotFoundError: No module named 'psycopg2'

```
pip3 install psycopg2
```

Rerun migrate

Create burgerForm/models.py

Make migrations and migrate

```
python3 manage.py makemigrations
```

```
python3 manage.py migrate
```

Create a superuser

```
python3 manage.py createsuperuser
```

Edit burgerForm/admin.py