Virtual Environment:

* virtualenv .env
* source .env/bin/activate

Back-end:

* pip install django
* pip install djangorestframework
* pip install django-filter
* pip install django-cors-headers

Project Creation:

* django-admin startproject src. **src** later renamed to **backend**
* cd backend
* Go to src/settings.py and under INSTALLED\_APPS add ['rest\_framework','django\_filters','corsheaders',] at the bottom
* Under MIDDLEWARE add = [‘corsheaders.middleware.CorsMiddleware’] before the ‘django.middleware.common.CommonMiddleware'
* Then add CORS\_ORIGIN\_ALLOW\_ALL = True
* ALLOWED\_HOSTS = [127.0.0.1]
* Command line: python manage.py makemigrations
* Command line: python manage.py migrate
* Create super user with command python manage.py createsuperuser
* Username: admin, email: admin@gmail.com pass: adminpass
* Run server with command python manage.py runserver
* python manage.py startapp task
* Setup necessary files for project task, models.py, admin.py, serializers.py, views.py, urls.py,
* Setup urals.py in src.

Front-end:

* mkdir frontend
* Cd frontend
* Vue create todo.
* Manually select features. Select Babel, Router, CSS Pre-processors
* Version: 3x
* History mode for Router: Y
* Css preprocessor: Sass/SCSS (with dart-sass)
* Config files: package.json
* Save preset: N
* Cd todo
* npm install axios
* npm install bulma
* After project creation type on command prompt cd frontend and then npm run serve
* Import bulma on app.vue

Manually adding tasks for checking:

python manage.py shell

from task.models import Task

task1 = Task.objects.create(description = 'Task number 1')

task2 = Task.objects.create(description = 'Task number 2')

task3 = Task.objects.create(description = 'Task number 1', status = Task.DONE)

tasks = Task.object.all()

tasks