



CS311 Term Project Configuration Document

Project: Activity Scheduling Tool

Programming Languages, Tools and software(IDEs) used for Project implementation:

Sr. No.	Software	Version	Reason
1	Windows 10	19041 (version 2004)	Widely used operating system and a lot of development tools are available for windows
2	Python	3.8	Python has easy syntax and many helping platforms are on the internet.
3	Django	3.0.8	Our application was Web based so there are only two frameworks (Django and Flask) of python for web application. Django has built-in administration which helped us a lot.
4	Django-Crispy-Forms	2.1	This is the tool which we used to design the forms on interface.
5	Django Multi Select Fields	unknown	It was used to select multiple fields i.e week days.
6	PyCharm(IDE)	2020.1.2	This IDE is especially designed for python based projects. So it helps a lot while writing code.
7	Visual Studio Code	1.47	The xml workspace document collapsed while contributing on github. So PyCharm stopped loading the project.
8	Sqlite3	unknown	This database is used to store the data of user input.
9	Windows Powershell 2.0	unknown	It was used to run python and django commands.
10	Git Bash	2.7	It was used to push, pull or commit the project into github.

Project Configuration Guidelines(Step by Step):

To run this project on your local server, follow the following steps:

1. Install Python 3.8 on your Computer from the official website.
2. Install Django on your computer by running this command

```
pip install Django(For windows)
```

```
python -m pip install Django(For Mac/Linux)
```

3. Install Django Crispy Forms by running this command:



```
pip install django-crispy-forms
```

4. Install Django Multi select fields on your computer:

```
pip install django-multiselectfield
```

5. If you don't have Git Bash/Git Bucket on your computer. Then install it first.

6. Run this command on your git terminal

```
git clone "https://github.com/mrabdullahdev/CS311S20PID27.git"
```

7. After cloning the repository on your computer, go into **Activity Scheduling App** file and run the command prompt by **Shift + Right Click**, click "Open Powershell windows here".

8. Run this command

```
python manage.py runserver
```

9. Run the local server on your browser and ENJOY!!!