**INSTRUCTIONS FOR RUNNING API LOCALLY**

1 .Set the virtual environment to run the programme, if text editor was pycharm, it will create automatically

1. install flask, Jwt, flask-sqlalchemy for our project
2. To set up the database, go to the python console and type

“ >>>from app import db

>>>db.create\_all() “

1. You can run the API and see the result via postman API checker.

**INSTRUCTIONS A BRIEF EXPLANATION OF HOW YOU APPROACHED THE PROBLEM, ANY LIBRARIES OR TOOLS YOU USED AND WHY YOU MADE DECISIONS YOU DID**

First of all I decided to do a small research about API, REST API, JSON and etc. I used You tube, Chrome, Friends and ChatGPT to know about those.

When I choose back end language for create API, I search what I want to know to create this.

Its like,

python-Flask/Django

JavaScript - React/ Express Js/Node JS

Java - Spring boot

…

Then I research about each of them for learn and do this within the time. After some research I decided to choose python and Flask, Because I have a fair knowledge in python and flask frame work is not that much difficult to learn.

When I choose the database setting, I choose SQlite database for my project, because its light weight and easy to run in machine, it can run variety of platforms, no need to do installation settings.