

Dependencies:

- Python 1.12 (minimum)
- Flask 3.1.2
- MySQL 8.0.43

SQL Tables Required:

- Licenses
 - **id – INT**
 - licenseName – VARCHAR(40)
 - version – VARCHAR(8)
 - dateAdded – DATE
 - licenseType – VARCHAR(20)
 - uploaderID – INT, foreign key (Employees)
- Employees
 - **Id – int**
 - first_name – VARCHAR(50)
 - last_name – VARCHAR(50)
 - title – VARCHAR(11)
 - department – INT, foreign key (Departments)
 - email – VARCHAR(50)
 - country - VARCHAR(50)
 - city – VARCHAR(50)
 - location – INT, foreign key (Locations)
- Departments
 - **ID – INT**
 - name – VARCHAR(50)
- Computers
 - **ID – INT**
 - location - INT, foreign key (Locations)
- Locations
 - **ID – INT**
 - phone- VARCHAR(50)
 - street – VARCHAR(250)
 - country – VARCHAR(50)
 - city – VARCHAR(50)

- EmployeeAssign
 - **id – INT**
 - licenseID – INT, foreign key (Licenses)
 - employeeID – INT, foreign key (Employees)
 - assignerID – INT, foreign key (Employees)
- ComputerAssign
 - **ID - INT**
 - licenseID – INT, foreign key (License)
 - computerID – INT, foreign key (Computers)
 - assignerID – INT, foreign key (Employees)
- Cost
 - **ID - INT**
 - licenseID – INT, foreign key (Licenses)
 - price – FLOAT
 - currency, VARCHAR(3)
 - period – VARCHAR(12)
 - renewalDate – DATE
- ExpirationDate
 - **id - INT**
 - licenseID – INT, foreign key (Licenses)
 - endDate - DATE
- GeogRestrictions
 - **id - INT**
 - licenseID – INT, foreign key
 - restrictions – VARCHAR(100)

Additional Notes:

- Make sure logger.json is in /src/config/logger.json
- URL for authentication server is stored in src/config/settings.json
- Database credentials are stored in /src/config/db_credentials.json

Python Modules needed:

- requests
- Flask

- Mysql & mysql connector