**Instructions for running the file:**

**For linux:**

sudo apt-get install python3-venv

go to project directory

python3 -m venv myenv

myenv/bin/activate for Linux

pip install flask

python app.py

**For Windows:**

pip install virtualenv

go to project directory

python -m virtualenv myenv

myenv/Scripts/activate

pip install flask

python app.py

**For Mac**

sudo pip install virtualenv

go to project directory

virtualenv env

source env/bin/activate

pip install flask

python app.py

**The test folder is empty and the unit tests are in the main project folder**

Project source code folder:

**App.py** (**It is the flask front end module.** present in the main Project source code folder)

Inside the test folder in the Project Source code folder:

**Test\_persistance.py (inside the main Project source code folder)**

**Test\_user (inside the main Project source code folder)**

**Test\_quiz(inside the main Project source code folder)**

**Test\_questionbank (the main Project source code folder)**

**Inside the documentation folder in the Project Source code folder:**

A description if architecture and Project details

Description of the status of the project in terms of what deliverables are completed and operational

team development process

Updated Use case for take quiz

Updated Use case login

Use case for create quiz

User manual for Instructor

User manual for Student

Inside the API folder inside the main project source code folder:

**Persist.py** (**persist module**. present Inside the API folder inside the main project source code folder)

**User.py** (**login/authentication module.** present Inside the API folder inside the main project source code folder)

**Quiz.py** (present Inside the API folder inside the main project source code folder)

**Quesbank.py** (present Inside the API folder inside the main project source code folder.)

**Instructions for running the file:**

Project folder is inside a zip. Please unzip the file zip file first into a directory.

Then please install the virtual environment on ubuntu by using the command "sudo apt-get install python-virtualenv". Then set your current directory as the project folder. and run the command "python3- m venv myvenv". Then activate the environment by running the command "venv/bin/activate" to activate the environment. Follow this by running the command "pip install flask" to install flask.

Then please use the command "python app.py" to run the run end interface. Type the address given by the console to your browser to open the login/registration page.

**To run the unit tests:**

Please set your current directory as "Project source code". All the test methods are present in this directory. So type the name of test for example " python test\_persistance.py" and it will run all the tests from that particular test module.