

Question 4:

Requirements List

I Functional

1.1 User Authentication

1.1.1 Users can authenticate with Login/Password

1.1.2 Two levels of access: instructor and student

1.1.3 New accounts can be configured

1.1.4 Users can authenticate with their MUN credentials.

1.1.5 User can authenticate with either MUN/SuD credentials and will be granted access accordingly

1.1.6 Users can request a change in authentication Password.

1.2 Instructors can create a quiz

1.2.1 Instructors can create a quiz.

1.2.2 Quiz attributes

1.2.2.1 Dates

1.2.2.2 Attempts

1.2.2.3 Multiple Answers

1.2.2.4 Weighting

1.2.2.5 Student list

The requirement list shows above. In my part, in my login.py, there are two methods:

createAccount() which is responsible for achieving :

1.1.2: Two levels of access: instructor and student

1.1.3: New accounts can be configured

1.1.4: Users can authenticate with their MUN credit(email)

userlogin() which is responsible for users to authenticate and log into the quiz system:

1.1.1: Users can authenticate with password

1.1.5: Users can authenticate with either MUN credentials and will be granted access accordingly.

In the app.py, which is the flask:

1. In @app.route('/instructor_login') and @app.route('/student_login') meet the requirements below:

1.1.1: Users can authenticate with Login/password

1.1.4: Users can authenticate with their MUN credit(email)

1.1.5: Users can authenticate with either MUN credentials and will be granted access

2. In @app.route('/instructor/') and @app.route('/student/') meet the requirements below:

1.1.2: Two levels of access: instructor and student

3. In @app.route('/instructor_Register/') and @app.route('/student_Register/')meet the requirements below:

1.1.3: New accounts can be configured