**User Manual**

Grading Criteria:

1 – The description of the project describing its architecture and functionality is in the word document file “Final\_Project\_Description.docx”.

2 – The User Manual is this file (Final\_Project\_User\_Manual.docx)

3 – The description of the team’s software process can be found in the world document file “Software\_Process.docx"

4 - I detail the clear connection between my module and its responsbilities in the word document file "A6\_Description.docx"

5 - My module is stored in the "QuizResult.py" file and has the appopriate docstrings for the module and each of its functions.

6 - My interface and exports are clearly defined in the "QuizResult.py" file and the associated documentation. They're fully decoupled from all other parts of the project.

7 - The description of my module design is detailed in the word document file "A6\_Description.docx"

8 - My instructions for running my module in full are detailed below.

9 - My unit tests are detailed in the "test\_quiz\_result.py" file and fit criteria A-E for this assignment.

10 - My function implementations are contained within my "QuizResult.py" module.

11 - My minimal flask front end is controlled primarily by the "cliff\_app.py" file. The html files are stored in the "templates" folder.

12 - Deliverables 1-11 were resubmitted as instructed; both in updated form and as a zip file with the previous assignment files.

13 - The implementation of the interface was completed.

14 - The unit tests were fully implemented.

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Below are instructions for using the Quiz App created by group O for COMP 2005. Please use the linux partition of a MUN labnet computer for best results. Pull the files from the "project” repo in Clifford Bowe’s repositories and place them in a folder named "final\_project"

VENV+FLASK TEST

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1. Navigate to the final\_project directory in the terminal

2. Run the command "python3 -m venv testenv"

3. Run the command "source testenv/bin/activate"

4. Run the command "pip install Flask"

5. Run the command "python app.py"

6. Navigate to the localhost:5000 address in a web browser.

7. TBD

UNIT TESTS

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1. Navigate to the cliff\_a6 directory in the terminal

2. Run the command "python test\_quiz\_result.py"

3. Observe the results of the tests in standard python unittest format