

Table 1

| Test ID | Test Scenario | Steps | Expected Result | Actual Result | Pass/Fail |
|---------|---|---|---|---|-----------|
| 1 | Network connection working. | In the terminal write python download.py | 'facultyInfo' directory is created containing .html files. | facultyInfo directory is created containing .html files. | Pass. |
| 2 | 1. .l and .y files are written with no errors. 2. .l and .y files processed using lex and yacc programs. 3. lex.yy.c and y.tab.c files are present. | In the terminal write cc lex.yy.c y.tab.c -o parser | parser program is generated. | parser program is generated. | Pass. |
| 3 | 1. parser and extract programs are generated with no errors. | In the terminal write ./extract facultyInfo | 'Tables' directory is created containing .csv files. | 'Tables' directory is created containing .csv files. | Pass. |
| 4 | Tables directory is created with no errors. | In the terminal write python database.py a1 a2 a3 a1 : database server IP. a2 : username. a3 : password. | facultyInfo database is created in the MYSQL server using .csv file from 'Tables' directory. | facultyInfo database is created in the MYSQL server using .csv file from 'Tables' directory. | Pass. |
| 5 | facultyInfo database is created with no errors. | Run query.html files in the web browser and give queries. | Result of the query is fetched from the server and result is shown in query.html page itself. | Result of the query is fetched from the server and result is shown in query.html page itself. | Pass. |