Faculty of Engineering & Technology

Electrical & Computer Engineering Department

ENCS 3130

Lab Linux

Project 1 Test Cases

Students Name:

- Hamza Al Shaer 1211162
- Kareem Al Qutob 1211756

Instructor: Dr. Abdallatif Abuissa

Section: 5

Figure 1: add new test case

Figure 2: file affter add new test

```
mg/dL
record has been added to the records file
------------------------------------------------------------
chose an option
1.Add new medical record
2.Search for test by ID
3.Search for unnormal tests
4.Average tests values
5.update an existing test
6.delete an existing test
7.exit
------------------------------------------------------------
2
inter id
1300500
------------------------------------------------------------
Select an option:
1. Retrieve all patient tests
2. Retrieve all abnormal patient tests
3. Retrieve all patient tests in a given specific period
4. Retrieve all patient tests based on test status
5. Exit
------------------------------------------------------------
1
1300500: HGB, 2000-04, 13.5, mg/dL, completed
1300500: HGB, 2015-03, 110.0, mg/dL, pending
1300500: LDL, 2016-03, 13.0, mg/dl, completed
1300500: LDL, 2005-08, 20.0, mg/dl, completed
```

Figure 3: search all patient tests


```
------------------------------------------------------------
Select an option:
1. Retrieve all patient tests
2. Retrieve all abnormal patient tests
3. Retrieve all patient tests in a given specific period
4. Retrieve all patient tests based on test status
5. Exit
------------------------------------------------------------
3
Enter the year for the beginning of the period:
2000
Enter the month for the beginning of the period:
1
Enter the year for the end of the period:
2015
Enter the month for the end of the period:
3
1300500: HGB, 2000-04, 13.5, mg/dL, completed
1300500: HGB, 2015-03, 110.0, mg/dL, pending
1300500: LDL, 2005-08, 20.0, mg/dl, completed
```

Figure 4: search by spisfic period

Figure 5: search by test status

Figure 6: file befor update case

Figure 7: update case

Figure 8: file after update case

Figure 9: file befor delete case

Figure 10: delete case

Figure 11: file affter delte case

Figure 12: avarege case

Figure 13: search for unnormal test case

Figure 14: search for unnormal test by name of test case

Figure 15: error handling with search with spsefic period

Figure 16: error handling in insert id in add new test

Figure 17: error handling in insert name of test in add new test

Figure 18: error handling in insert date in add new test

Figure 19: error handling in insert result in add new test

Figure 20: error handling in insert status in add new test