

Test Report

Available test-cases:	15
Conducted test-cases:	15
Passed test-cases:	10
Failed test-cases:	5

Test_user:

E-Mail: 123

Password: 123

Test Specification

1. Testcase

Linked to requirement: REQ_001, REQ_003, REQ_006, REQ_022

Test-description:

1. Start the application. Enter the main screen.
2. Check the availability of these three buttons.
3. Click Check-in button
4. Check if the check-in button is still clickable after it is clicked
5. Click Check-out button
6. Check if the check-out button is still clickable after it is clicked
7. Check if the motion profile hint is visible

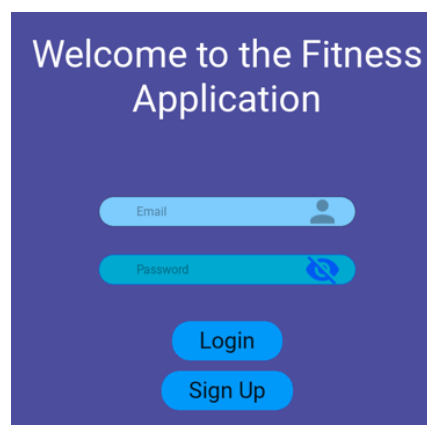
Expected results:

- At 2: 3 buttons: check-in, check-out, pause notifications are available.
- At 3: button should be clickable
- At 4: button should be unclickable
- At 5: button should be clickable
- At 6: button should be unclickable
- At 7: textbox is visible and showing the actual movement

Partial results:

- At 2: passed
- At 3: passed
- At 4: passed
- At 5: passed
- At 6: passed
- At 7: passed

Testcase result: passed



2. Testcase

Linked to requirement: REQ_002_REQ_022



Test description:

1. Start the application. Enter main screen
2. Click on check-in
3. Click on notification switch to switch off notification
4. Click on remind me

Expected results:

At 3: notification switch show: Notification OFF

At 4: No notification will go through

Partial results:

At 3: passed

At 4: passed

Testcase result: passed

3. Testcase

Linked to requirement: REQ_004

Test description:

1. set in the code that after 10 seconds in the same movement, a notification will be sent
2. enter the app, enter main screen
3. click check-in button
4. wait 10 seconds

Expected results:

At 3: clickable

At 4: a notification saying: let's change movement

Partial results:

At 3: passed

At 4: failed

Testcase result: failed

4. Testcase

Linked to requirement: REQ_005, REQ_007, REQ_022

Test description:

1. Enter the app, enter main screen
2. Click on check-in
3. Check if all 5 motivation tasks are visible
4. Click the first 3 motivation tasks
5. Click remind me button

Expected results:



At 2: clickable

At 3: all tasks should be visible

At 4: clickable

At 5: the tasks clicked should be reminded as a notification

Partial results:

At 2: passed

At 3: passed

At 4: passed

At 5: passed

Movement Analysis


You are **SITTING**.

Click to check-in Click to check-out Notification ON



- ☒ software 40+: male run1
- ☒ software 40+: male run2
- ☒ software 40+: male run3
- ☐ software 40+: male run4
- ☐ software 40+: male run5

Remind Me



Title
Please don't forget to do: software 40+:
male run1 ,and software 40+: male
run2 ,and software 40+: male run3

Testcase result: passed

5. Testcase

Linked to requirement: REQ_008, REQ_023, REQ_022

Test description:



1. Enter app, enter main screen
2. Click on settings
3. Click on notification settings
4. Click on 1 hour

Settings

Expected results:

At 2: clickable

At 3: clickable

At 3: visible and clickable

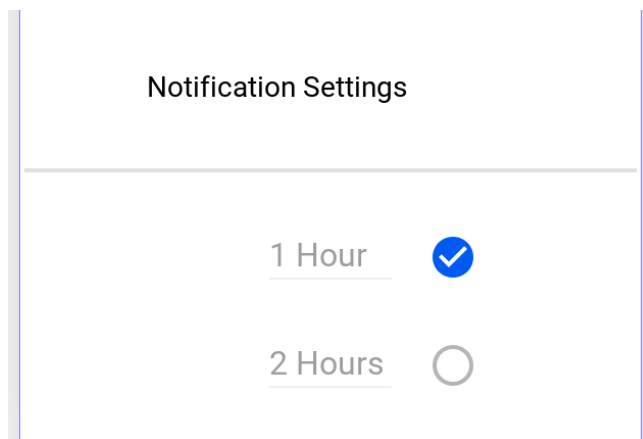
Partial results:

At 2: passed

At 3: passed

At 3: passed

Testcase result: passed



Notification Settings

User Profile

Edit User Profile

Return To Main Screen

6. Testcase

Linked to requirement: REQ_009

Test description:

1. Enter app, enter main screen
2. Click check-in
3. Wait for movement analysis to start
4. Enter database type SELECT*FROM movement

Expected results:

At 2: clickable

At 3: start analyzing, and movement profile change accordingly

At 4: data should be recorded in the database

Partial results:

At 2: passed



At 3: passed

At 4: passed

Testcase result: passed

Movement Analysis

You are now: walking

Click to check-in



Click to check-out



Notification ON



7. Testcase

Linked to requirement: REQ_009, REQ_010, REQ_011, REQ_012

Test description:

1. Enter the model.py file
2. Click on line 143
3. Click on data folder

Expected results:

At 2: data should be divided every 5 values (T_x is 5 for me)

At 3: data should be split into sit, walk, run, and should be provided by different persons (with different body shape) and different phones

Partial results:

At 2: passed

At 3: passed

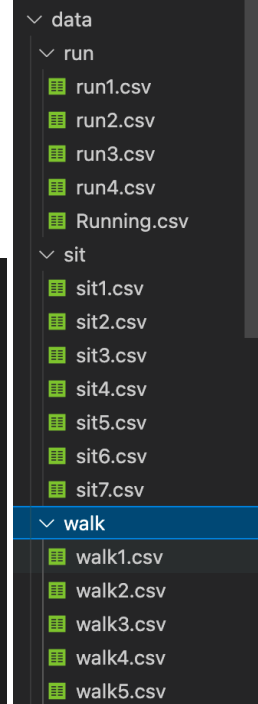
Testcase result: passed



```

135         print(np.shape(X))
136         print("shape of Y = " , end = '')
137         print(Y)
138         print(np.shape(Y))
139
140     return X,Y
141
142
143 X, Y = read_data('data',5)
144
145 print(X,Y)
146
147 def NormalizeData(data):
148     return (data - np.min(data)) / (np.max(data) - np.min(data))
149

```



8. Testcase

Linked to requirement: REQ_013, REQ_023, REQ_022

Test description:

1. Enter app, enter main screen
2. Click on settings button
3. Click on User Profile button

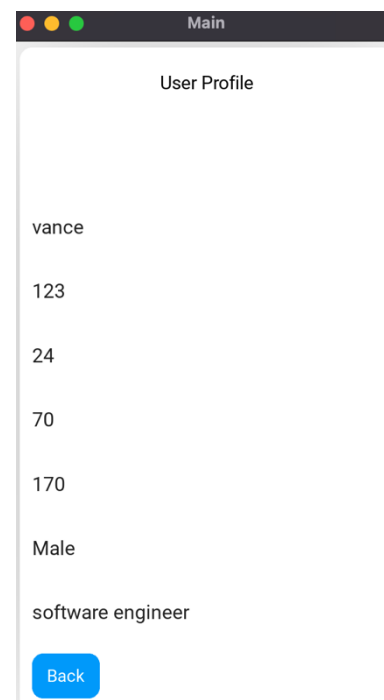
Expected results:

- At 2: clickable
- At 3: clickable and displaying correct values

Partial results:

- At 2: passed
- At 3: passed

Testcase result: passed



9. Testcase

Linked to requirement: REQ_014, REQ_017

Test description:

1. Enter app
2. Click on sign up button
3. Enter accordingly: 321, 321, 321, 321, 321, 321, 321, Male, software engineer
4. Click sign up button
5. Click I agree



6. Enter in login text box 321, password text box 123
7. Click login
8. Delete all entries
9. Enter in login text box 321, password text box 321
10. Click login

Expected results:

- At 2: clickable, and enter signup screen
- At 3: all textboxes should be clickable and writable
- At 4: acknowledgement page pops up
- At 5: enter login page
- At 7: button not clickable
- At 10: enter main screen

Partial results:

- At 2: passed
- At 3: passed
- At 4: passed
- At 5: passed
- At 7: passed
- At 10: passed

Acknowledgement

ack1

ack2

ack3

I agree

I disagree

Testcase result: passed

Sign Up Now!

Enter Your Email

Enter Your New Password!

Re-enter Your New Password!

Name

Age

Weight (in kg)

Height (in cm)

Gender (Male/Female)

Job Position

[Register](#)

[Back](#)



10. Testcase

Linked to requirement: REQ_015

Test description:

1. Enter database
2. Enter SELECT * FROM password

Expected results:

At 2: all password should be invisible

Partial results:

At 2: failed

Testcase result: failed

11. Testcase

Linked to requirement: REQ_016, REQ_024

Test description:

1. Enter app, enter main screen
2. Click on settings button
3. Click on Edit user profile button
4. Click on Gender and enter English word: Female
5. Click on age and enter 50
6. Click on save changes button
7. Click on return to main screen button

Expected results:

On 2: Clickable, Enter Settings screen, with correct motivation tasks

On 3: clickable, enter edit user profile screen

On 4: clickable and writable

On 5: clickable and writable

On 6: clickable and return to settings screen

On 7: clickable and return to main screen with correctly displayed motivation tasks

Partial results:

On 2: passed

On 3: passed

On 4: passed

On 5: passed

On 6: passed



On 7: passed

Testcase result: passed

Main

Edit User Profile

Change UserName

User Name

vance

Change Age

Age

24

Change Weight

Weight

70

Change Height

Height

170

Change Gender

Gender

Male

Change Job Position

Job Position

software engineer

Save Changes

Back

☐ software 18-40: male run1
☐ software 18-40: male run2
☐ software 18-40: male run3
☐ software 18-40: male run4
☐ software 18-40: male run5

Remind Me

Main

Edit User Profile

Change UserName

User Name

vance

Change Age

Age

50

Change Weight

Weight

70

Change Height

Height

170

Change Gender

Gender

Female

Change Job Position

Job Position

software engineer

Save Changes

Back

☐ software 40+: female run1
☐ software 40+: female run2
☐ software 40+: female run3
☐ software 40+: female run4
☐ software 40+: female run5

Remind Me

12. Testcase

Linked to requirement: REQ_021, REQ_022

Test description:

1. Enter app, enter main screen



2. Click on Graph button

Expected results:

At 2: clickable, enter graph screen

Partial results:

At 2: passed

Testcase result: passed

13. Testcase

Linked to requirement: REQ_018

Test description:

1. Enter app, enter main screen

Expected results:

At 1: a notification to allow sensors

Partial results:

At 1: failed

Testcase result: failed

14. Testcase

Linked to requirement: REQ_019, REQ_020

Test description:

1. Enter database
2. Write SELECT*FROM week

Expected results:

At 2: should return all movement profile from the past week

Partial results:

At 2: failed

Testcase result: failed

15. Testcase

Linked to requirement: REQ_021, REQ_022

Test description:

1. Enter app, enter main screen
2. Click on graph button



3. Click on daily button

Expected results:

At 2: clickable and enter graph screen

At 3: clickable and display a graph of daily movement

Partial results:

At 2: passed

At 3: failed

Testcase result: failed

