# TEST CASES

|  |  |  |  |
| --- | --- | --- | --- |
| Test no. | Test description | Expected outcome | Does actual outcome match expected |
| Login / Log out and Register | | | |
| 1. | An email of a user with a matching password is entered and the login button is clicked. | The system displays a main page with list of devices | ✔ |
| 2. | An email of a user with a wrong password is entered and the login button is clicked. | The systems displays a red exclamation mark with a message “wrong email” or “wrong password” | ✔ |
| 3. | A create new account button is clicked, user enters to the registration form and fills first name, last name, email and password with the valid input. | The system creates a new user and stores it to the database | ✔ |
| 4. | A create new account button is clicked, user enters to the registration form and doesn’t fills first name, last name, email and password with the valid input. | The system displays a red exclamation mark with message ex. “wrong first name” depending on the field | ✔ |
| 5. | In the main page user goes to navigation drawer and click button log out | The system log outs current user and shows the login screen |  |
| Sensors and Graphs | | | |
| 6. | In the home page a user clicks on the device and the system displays list of the sensors | The system display an expandable list with sensor and current data |  |
| 7. | A user clicks on one of the sensors, specifies the timeline from he/she wants to see the data gathered by device | The system display a graph with data gathered by device |  |
| Notifications | | | |
| 8. | CO2 level becomes too high | The system sends a notification to user with a message about his CO2 level |  |
| 9. | Humidity level becomes too high | The system sends a notification to user with a message about his humidity level |  |
| 10. | Movement is detected while user is away from the home | The system send a notification to user that a movement has been detected in his/her home |  |