# TEST CASES

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| 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 or password with the valid input. | The system displays a red exclamation mark with message ex. “wrong + field name” depending on the field | ✔ |
| 5. | A create new account button is clicked, user enters to the registration form a email which is already used. | The system displays a message : “email is already used” | **X**  Not responding |
| 6. | 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 | | | |
| 7. | 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 | ✔ |
| 8. | 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 | ✔ |
| 9. | A user clicks on one of the sensors, specifies the invalid timeline from he/she wants to see the data gathered by device | The system display a message “No chart data available” | ✔ |
| Notifications | | | |
| 10. | CO2 level becomes too high | The system sends a notification to user with a message about his CO2 level | ✔ |
| 11. | Humidity level becomes too high | The system sends a notification to user with a message about his humidity level | ✔ |
| 12. | Temperature level becomes too high | The system sends a notification to user with a message about his temperature level | ✔ |
| 13. | 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 | **X**  Not implemented |
| Manage account / device | | | |
| 14. | User is in the list of device activity, clicks add new device button, specifies localization and id of device | The system will add a device to user and displays it on list of devices | ✔ |
| 15. | User is in profile activity, updates his/her first name, last name, email or password and clicks save button | The system will update user data and displays new data | **X**  Can update only name |
| Manage home environment | | | |
| 16. | The sensor detects movement and system turns on the light. | The light is turn on. After specific amount of time, system turns off the light | ✔ |
| 17. | User turns off specific sensor from his/her devices | The system deactivates the sensor and suspends all activities related to it | **X**  Not implemented |
| 18. | User doesn’t have any devices connected yet | System informs user that there are no devices connected to the account | **X**  The empty list is shown |