

Test Documentation – Unit group

Homedork – Interactive Smart House

Revision History

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Date	Version	Description	Author
2021-10-22	1.0	Testing signup,login and password with database	A, B, C, D
2021-10-16	1.1	Adding the build test action from github	A, B, C, D
2021-11-16	1.2	Added UI lamp testing	A, B, C, D
2021-12- 06	2.0	Testing Calendar, Speech recognition, Web size responsiveness	A, B, C, D

Test ID	Test Type	Test	Precondition	Steps	Results	Comment
1	User test	Login Successful	User exists in firebase db	Enter Correct email and password	Pass	-
2	User test	Login Unsuccessful - wrong password	wrong password	Enter wrong password	Pass	-
3	User test	Login Unsuccessful-unregistered email	Enter unregistered email	Email not found in Database	Pass	-
4	User test	Signup Successful	Firebase database is working	-Enter email ,name and password Click sign up	Pass	-
5	User test	Signup Unsuccessful Short password	Password less than the limit	The password should be at least 6 digits	Pass	-
6	User test	Change password successful	password updated in the database	new Password are checked and confirmed with DB	Pass	-
7	User test	Change password unsuccessful	password was not confirmed in	new password does not meet the limitation	Pass	-
8	Automated Test	Android CI	Build project in Github to check for errors	When making new pull request Github will check the request for any errors	Pass	-
9	Automated Test	Java CI with gradle	Build project in Github to check the gradle build for mistakes	When making new pull request Github will check the request for gradle errors	Pass	-

10	User test	Press on same button (spam)	should not overflow or cause any other crash	Adding many buttons to display lamp features	Pass	-
11	User test	Press on same sliders (spam)	should not overflow or cause any other crash	Adding many sliders to control several lamps	Pass	-
12	User test	Slider control	Should not bug or send any data before the mouse/finger is done.	Controlling the slider very fast without any problems	Pass	-
13	User test	Add many devices at once	If device objects overflows, it should handle that by creating a scroll.	Generate at least 8 lamp objects.	fail	-
14	User test	Add many devices at once	If device objects overflows, it should handle that by creating a scroll.	Generate at least 8 lamp objects.	Pass	-
15	User test	Calendar testing	The user should be able to (add/remove events)	Adding, editing, or removing several events without any problem	Pass	-
16	User test	Speech recognition	The user should be able to do some specific order using speech recognition (dark mode", "light mode", "change webpage"	change the mode multiple times without any problems and checking how the speech recognition handles long sentences	Pass	-
17	User test	Web size responsiveness	The User should be able to minimize or maximize the web page size	The system works fine and doesn't crash when changing the size.	Pass	-