

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1					Date	17-Nov-22								
2					Team ID	PNT2022TMD33893								
3					Project Name	Gas leakage monitoring and alerting system								
4					Maximum Marks	4 marks								
5	Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data	Expected Result	Actual Result	Status	Comments	TC for Automation(Y/N)	BUG ID	Executed By
6	App installation_TC_001	Functional	MIT App inventor	Verify user is able to install the app for any device	Knowledge about App creation	1. Search the application. 2.Enter the URL. 3.Click and Go. 4.Install the application.	http://ai2.appinventor.mit.edu/#6560580513355840	Installation app page will be displayed	Expected result appeared	Pass	-	Yes	-	GOOGLE
7	App installation_TC_002	UI	MIT App inventor	Verify user is able to install the app for any device	Knowledge about App development	1. Search the application. 2.Enter the URL. 3.Click and Go. 4.Install the application. 5.Downloading the android app file	http://ai2.appinventor.mit.edu/#6560580513355840	Downloading the required app.	Expected result appeared	Pass	-	Yes	-	MIT APP INVENTOR
8	Import to device_TC_003	Functional	Device/Phone	Verify user is able to install the app for any device	Knowledge about App import	1. Open the downloaded apk file. 2. Select the location where it has to be placed. 3. Import the downloaded file	http://ai2.appinventor.mit.edu/#6560580513355840	Import of apk file to device.	Expected result appeared	Pass	-	Yes	-	MOBILE PHONE
9	App running_TC_004	Functional	Device/Phone	Verify user is able to run the app	Access of App	1. Search the app from where it is located. 2.Click and open the app. 3.Home page is displayed.	Opening of app	Whether the app is opened without any delay	Expected result appeared	Pass	-	Yes	-	MOBILE PHONE
10	Login page_TC_005	Functional	Home page	Verify user is able to see the Login/Signup popup when user clicked on My account button	Access of App	1. Open the app 2. Verify Login and signup Popup displayed or not.	Login of App	Login/Signup popup should display	Expected result appeared	Pass	-	Yes	-	APPLICATION
11	Login page_TC_006	UI	Home page	Verify the UI elements in Login/Signup popup	Access of App with Login Credentials	1. Open the app 2. Verify Login and signup Popup with below UI elements: a. User name textbox b. Password textbox c. Login textbox d. Sign up textbox	Login of App	Application should show below UI elements: a.email text box b.password text box c.Login button d.New customer? Create account link	Expected result appeared	Pass	-	Yes	-	APPLICATION
12	Login page_TC_007	Functional	Home page	Verify user is able to log into application with Valid credentials	Access of App with Login Credentials	1.Open the App. 2.Enter Valid username in User Name text box 3.Enter valid password in password text box	Username: Sarva password: Test123	User should navigate to user account homepage	Expected result appeared	Pass	-	Yes	-	APPLICATION
13	Login page_TC_008	Functional	Login page	Verify user is able to log into application with Valid credentials	Access of App with Login Credentials	1.Open the App. 2.Enter Invalid username in User Name text box 3.Enter valid password in password text box 4.Click on login button	Username: Cutie password: Test123	Application should show 'Incorrect email or password' validation message.	Expected result appeared	Pass	-	Yes	-	APPLICATION

13	Login page_TC_008	Functional	Login page	Verify user is able to log into application with Valid credentials	Access of App with Login Credentials	1.Open the App. 2.Enter InValid username in User Name text box 3.Enter valid password in password text box 4.Click on login button	Username: Cutie password: Test123	Application should show 'Incorrect email or password' validation message.	Expected result appeared	Pass	-	Yes	-	APPLICATION
14	LoginPage_TC_009	Functional	Login page	Verify user is able to log into application with Valid credentials	Access of App with Login Credentials	1.Open the App. 2.Enter Valid username in User Name text box 3.Enter Invalid password in password text	Username: Saras password: Test1234	Application should show 'Incorrect email or password' validation message.	Expected result appeared	Pass	-	Yes	-	APPLICATION
15	LoginPage_TC_010	Functional	Login page	Verify user is able to log into application with Valid credentials	Access of App with Login Credentials	1.Open the App. 2.Enter InValid username in User Name text box 3.Enter Invalid password in password text box	Username: Cutie password: Test1234	Application should show 'Incorrect email or password' validation message.	Expected result appeared	Pass	-	Yes	-	APPLICATION
16	Sensing gas_TC_011	Functional	Wokwi Simulation	Verify user for sensing the required parameters.	Knowledge about sensor components	1.Add the elements for sensing. 2.Place it in the right position. 3.Make sensing is done for required parameters. 4.Make the wired connection.	Gas, Temperature, Humidity values	Correct sensing is done with desired result	Expected result appeared	Pass	-	Yes	-	WOKWI SIMULATI
17	Sensing gas_TC_012	Functional	Wokwi Simulation	Verify user for sensing the required parameters.	Knowledge about sensor components	1.Add the elements for sensing. 2.Place it in the right position. 3.Make sensing is done for required parameters. 4.Make the wired connection.	Various Gas values	Measuring various gases	Certain gas are not sensed	Fail	Specified gas sensors measures certain gases	Yes	BUG ID_1	WOKWI SIMULATI
18	Alertion Indication_TC_013	Functional	Wokwi Simulation	Verify user gets alertion message.	Knowledge about alert components	1.Add the elements for alertion. 2.Connect LED, Buzzer, LCD for alertion. 3.Alerting message occurs when reaches the desired condition.	LED ON/OFF, Buzzer sound, Display of Alert message	LED glowing, Buzzer tone and Display message is to be obtained	Expected result appeared	Pass	-	Yes	-	WOKWI SIMULATI