

Software Test Plan				
Test #	Test Description	Test Setup	Expected Result	Actual Result
2	Front End GUI queries and displays data from the Firebase DB.		Data inserted into Firebase DB is displayed.	
4	Front End GUI can set temperature thresholds in the Firebase DB.		Threshold changes are reflected in the Firebase DB	
10	Front End GUI can display audio recordings from Firebase Storage.		Audio recording from firebase is displayed.	
11	Front End GUI can display video recordings from Firebase Storage.		Video recording from firebase is displayed.	

1. Front End GUI queries and displays data from the Firebase DB.

- Insert data into Firebase DB.
- Navigate to GUI Homepage
- Press "Get Data" button
- Enter Sensor ID
- Verify that entry appears in GUI.

2. Front End GUI can set temperature thresholds in the Firebase DB.

- Navigate to GUI Homepage
- Press "Set Threshold" Button
- Enter minimum and maximum temperature thresholds
- Check Firebase to see if the values were updated

3. Front End GUI can display audio recordings from Firebase Storage.

- Navigate to GUI Homepage
- Press "Recordings" Button
- Select "Audio"
- Verify that recording was downloaded to Pi
- Verify that recording can be played in browser

4. Front End GUI can display video recordings from Firebase Storage.

- Navigate to GUI Homepage
- Press "Recordings" Button
- Select "Video"
- Verify that recording was downloaded to Pi
- Verify that recording can be played in browser