

Use Case iButton 1: Detailed Description

Use Case Name: Observe Logged Weather Data

Scenario: Observe data textually

Brief Description: With the System running, the User shall request logged weather data from the iButton in textual form.

Actors: User

Related Use Cases:

Use Case iButton 5: *The User Shall Modify the temperature and calculated data units*

Stakeholders: User

Preconditions: The system is running, the data is logged on the iButton, the iButton is connected to the System and ready for retrieval'

Postconditions: The weather data is presented to the user in textual, row, column form.

Flow of Events

User	System
1. Requests specific logged weather data in appropriate units (See Use Case iButton 5)	2. Returns the requested weather data in tabular form, labled with the type and units at the top of the table. Different weather data separated into separate columns

Exception Conditions

1a. If the data is unretrieveable, then the system shall note that to the user, giving the user the option to clear the memory on the iButton for logging a new set of data.

2a. If the user decides to change units, then the system shall return the requested data in the specific units, displaying the data again in tabular form.