Eon

Temperature Control System - Den

Test Report

Revision History

Authors	Description of Change	Sections	Rev	Date
Erine Estrella Mohamed Jaafar Devontae Reid Sean Wulwick	➢ Initial release	All	O	4-10-18
Mohamed Jaafar	Reported information regarding tests for all four Test Cases	All	I	5-5-18

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1   Team Description

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2   Introduction

This document serves to report test results that were performed, based on the requirements that are specified in the Written Requirements document and the Test Cases that are described in the Test Procedure document. The following sections describe those results, including any issues/bugs that were encountered.

2.1   Identification

Software Revision Tested:	Test Procedure document
Revision Release Date:	5-5-18

3   Test Results

In general, the tests were performed without major problems. Most of the requirements that are highlighted in the Written Requirements document were met satisfactorily. However, there are a few areas (such as calender mode and data fetching from the API) that were not reliable during each test.

3.1   Basic Functionality - Results

Description: Wifi establishment passed successfully. We were able to successfully input a custom temperature; the system reacted accordingly. Finally, the threshold maintenance was properly done by the system.

Bugs Found:

1) RID-009: Display of local temperature and weather forecast was not successful, as the system sometimes failed to display the correct current location. For example, rather than displaying a location of Fullerton, CA (which is where the system currently was), another one was shown.

2)

3)

3.2   Setting up Calendar - Results

Description: Wifi establishment was successful. System successfully required day, time and temperature inputs from the user. It also allowed for insertion, modification and deletion of the data.

Bugs Found:

1) RID-002: During the test, the front-end of the system failed at accurately meeting this requirement (This shall display temperatures at desired times and days of the week). This, as a result, meant that the calender mode did not function properly. This, we figured, is due to a miscommunication issue between the front-end and back-end.

2)

3)

3.3 Setting Temperature Based on City - Results

Description: Wifi establishment was successful. The system was both able to allow entry of city and detect errors in input. Finally, Yahoo weather API data was successfully displayed.

Bugs Found:

1)

2)

3)

3.4   Setting User Defined Temperature - Results

Description: Results were identical to those mentioned in Section 3.4. In addition, the system was able to handle system failure (temperature not changing despite user input) by displaying an error message.

Bugs Found:

      1)

      2)

      3)