# Test Cases

Each test case has been assigned a unique name and reference number. The requirements being tested by each case are identified along with the necessary initialization steps, inputs, procedures, and expected results.

**Test Case 1.1 – Validate Ridership Trend Report input values**

**Specification References:**

3.1.2.1.i: Provide the ability to identify a date range to include:

Date(MM-DD-YYYY)

Time range (HH:MM:SS)

3.1.2.1.ii: Provide the ability to identify a stop ID as an integer

3.1.2.1.iii: Specified must be used to query the “Occupancy” table for number of departures and arrivals.

**Test Description:** Affirm that only valid date or time, and station ID inputs are accepted by the Decision Engine.

**Initialization:**

1. Database “Occupancy” table containing valid fields for Stop ID and Timestamp.
2. Verify web access to Current ITS web interface

**Test Inputs:**

* + - 1. A valid date (10-31-2012)
      2. A valid time range (04:23:11 – 7:30:00)

**Test Procedure:**

1. Access the Ridership Trend Report page inside Current ITS
2. Select the field to input a date or time range.
3. Select the field to input a stop.
4. Submit values to web server for processing.
5. Verify that all data is valid by confirming a trend report being returned for that date or time range.

**Expected Test Results:**

1. All submitted data is input, processed, and output to the screen in the form of a ridership trend report.

**Special Instructions:**

None