# **Team 18: Project Test Plan**

**CS408** 

**CorkBoard** 

# **Team Members:**

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# **Functional Test Cases**

Functional Requirement: 1

As a user, I want to be able to view announcements.

#### **Functional Test Cases**

| Test ID          | 1                               |
|------------------|---------------------------------|
| Title            | User Viewing Announcements Test |
| Instructions     | Look at dashboard of Corkboard  |
| Expected Results | See announcements               |
| Severity         | Critical                        |

#### **Equivalence Test Cases**

| Test ID          | 2  |
|------------------|--|
| Title            | Announcement Overflow  |
| Instructions     | Publish announcements file large enough to not fit on screen all at once |
| Expected Results | Announcement view should slowly scroll through entire announcement list  |
| Severity         | Critical   |

| Test ID | 3 |  |  |  |
|---------|---|--|--|--|
|---------|---|--|--|--|

| Title            | No Announcements   |
|------------------|--|
| Instructions     | Publish announcements file with no announcements   |
| Expected Results | Replace announcements feed with notification showing that there are no current announcements |
| Severity         | Workaround   |

As an RA, I want to be able to add announcements.

#### **Functional Test Cases**

| Test ID          | 4  |
|------------------|--|
| Title            | RA Add Announcements Test  |
| Instructions     | Upload dummy announcements file and pull announcements from dummy file |
| Expected Results | The field for announcements should displays the announcements.         |
| Severity         | Important  |

## **Equivalence Test Cases**

| Test ID          | 5  |
|------------------|--|
|                  |  |
| Title            | Empty announcement file  |
| Instructions     | Upload empty announcement file. Run program                          |
| Expected Results | The field that displays announcements should read "No Announcements" |
| Severity         | Important  |

| Test ID      | 6  |
|--------------|--|
| Title        | Invalid announcement format  |
| Instructions | Upload test announcement file with invalid format. Run the program |

| Expected Results | The field that displays announcements should read "Error: Invalid announcement format" |
|------------------|--|
| Severity         | Important  |

As a user, I want announcements to be updated frequently.

## Functional Test Cases

| Test ID          | 7  |
|------------------|--|
| Title            | Verify announcement update responsiveness                              |
| Instructions     | Publish changes to online page hosting announcements                   |
| Expected Results | Verify that changes have propagated to corkboard on next refresh cycle |
| Severity         | Critical   |

## **Equivalence Test Cases**

| Test ID          | 8   |
|------------------|---|
| Title            | Pull time average   |
| Instructions     | Let the announcements update multiple times then check the average interval between updates |
| Expected Results | Average interval between updates is reasonably close to refresh rate                        |
| Severity         | Critical  |

| Test ID      | 9   |
|--------------|---|
| Title        | No announcements Update                           |
| Instructions | Delete all announcements from online hosting page |

| Expected Results | Announcements field display "No Announcements" |
|------------------|--|
| Severity         | Critical                                       |

As a user I want to be able to view the CityBus schedule.

#### **Functional Test Cases**

| Test ID          | 10   |
|------------------|--|
| Title            | User View CityBus Schedule                       |
| Instructions     | Look at dashboard of Corkboard                   |
| Expected Results | Visually see the CityBus Schedule representation |
| Severity         | Critical   |

## **Boundary Test Cases**

| Test ID          | 11   |
|------------------|--|
| Title            | Invalid Schedule                                 |
| Instructions     | Create invalid schedule pull                     |
| Expected Results | Visually see the CityBus Schedule representation |
| Severity         | Critical   |

## **Equivalence Test Cases**

| Test ID          | 12   |
|------------------|--|
| Title            | Display of Schedule                            |
| Instructions     | Pull CityBus schedule and process it           |
| Expected Results | CityBus schedule should be displayed on screen |
| Severity         | Critical                                       |

# Functional Requirement: 5

As a user, I want to be able to view the temperature for the day.

#### **Functional Test Cases**

| Test ID          | 13  |
|------------------|---|
| Title            | User View Temperature   |
| Instructions     | Start Corkboard with a properly configured weather location and a network connection. Look at dashboard of Corkboard. |
| Expected Results | Visually see the correct temperature  |
| Severity         | Critical  |

# **Equivalence Test Cases**

| Test ID          | 14   |
|------------------|--|
| Title            | Null Weather Data                                |
| Instructions     | Look at dashboard of Corkboard.                  |
| Expected Results | Weather fields should display "No weather found" |
| Severity         | Important  |

# **Equivalence Test Cases**

| Test ID          | 15   |
|------------------|--|
| Title            | Invalid Data   |
| Instructions     | Look at dashboard of Corkboard.                            |
| Expected Results | Weather fields should not display unrealistic temperatures |
| Severity         | Workaround   |

| Test ID          | 16   |
|------------------|--|
| Title            | Weather download fail  |
| Instructions     | Set weather API URL to a non-existing website                    |
| Expected Results | Weather fields should display "Error: could not connect to site" |
| Severity         | Important  |

As a user, I want to be able to view the weather for the day.

#### **Functional Test Cases**

| Test ID          | 17  |
|------------------|---|
| Title            | View today's weather  |
| Instructions     | Start CorkBoard with a configured weather location and a network connection |
| Expected Results | Weather for the day is displayed  |
| Severity         | Critical  |

#### **Equivalence Test Cases**

| Test ID          | 18   |
|------------------|--|
| Title            | No URL   |
| Instructions     | Clear the weather API URL and run program                              |
| Expected Results | The field that displays weather should say "Error: No weather API URL" |
| Severity         | Critical   |

## **Boundary Test Cases**

| Test ID          | 19   |
|------------------|--|
| Title            | Invalid API URL                                      |
| Instructions     | Change API URL to an invalid address and run program |
| Expected Results | Weather field should say "Error: invalid API URL"    |
| Severity         | Critical   |

# Functional Requirement: 7

As the application, I want the weather information to update periodically.

#### **Functional Test Cases**

| Test ID          | 20   |
|------------------|--|
| Title            | Mock weather information   |
| Instructions     | Create mock weather information for consumption by the application |
| Expected Results | Weather field should display the mock information                  |
| Severity         | Critical   |

## Equivalence Test Cases

| Test ID          | 21   |
|------------------|--|
| Title            | Pull Time Average  |
| Instructions     | Pull the weather multiple times and keep track of the average interval between pulls |
| Expected Results | Average interval should be close to refresh rate                                     |
| Severity         | Critical   |

## **Boundary Test Cases**

| Test ID          | 22   |
|------------------|--|
| Title            | No Weather   |
| Instructions     | Give bad URL to the weather API call                 |
| Expected Results | Weather section should display error on next refresh |
| Severity         | Critical   |

# Functional Requirement: 8

As the application, I want the CityBus schedule to update periodically.

| Test ID      | 23  |
|--------------|---|
| Title        | CityBus Periodic Update                                       |
| Instructions | Look at dashboard of Corkboard CityBus schedule<br>Check date |

| Expected Results | Date displayed for CityBus schedule is the current date |
|------------------|---|
| Severity         | Important   |

| Test ID          | 24  |
|------------------|---|
| Title            | Preferred stop has been changed.                                    |
| Instructions     | Change preferred stop in settings file.                             |
| Expected Results | When updating the preferred stop changes to the new preferred stop. |
| Severity         | Important.  |

# Functional Requirement: 9

As a user, I want all information to display on a single screen.

#### **Functional Test Cases**

| Test ID          | 25   |
|------------------|--|
| Title            | User Single Screen Display                 |
| Instructions     | Look at dashboard of Corkboard             |
| Expected Results | All components are displayed on one screen |
| Severity         | Critical                                   |

# Equivalence Test Cases

| Test ID          | 26   |
|------------------|--|
| Title            | No announcements                           |
| Instructions     | Look at dashboard of Corkboard             |
| Expected Results | All components are displayed on one screen |
| Severity         | Important                                  |

| Test ID          | 27  |
|------------------|---|
| Title            | No image                                  |
| Instructions     | Ensure no image is chosen in config file. |
| Expected Results | A default blank image is displayed        |
| Severity         | Workaround                                |

| Test ID          | 28  |
|------------------|---|
| Title            | Large amounts of announcements                                |
| Instructions     | Upload announcement file with a large number of announcements |
| Expected Results | Announcements should cycle through all                        |
| Severity         | Important   |

# Functional Requirement: 10

As a user, I want the current time at a glance.

| Test ID          | 29  |
|------------------|---|
| Title            | User Current Time   |
| Instructions     | Look at dashboard of Corkboard  |
| Expected Results | Current time displayed is the correct current time (West Lafayette USA) |
| Severity         | Important   |

| Test ID          | 30  |
|------------------|---|
| Title            | Time shift. (Daylight savings).                               |
| Instructions     | Look at dashboard of Corkboard                                |
| Expected Results | Correct time is displayed after time has changed drastically. |
| Severity         | Workaround  |

# Functional Requirement: 11

As a user, I want the current date at a glance

#### **Functional Test Cases**

| Test ID          | 31   |
|------------------|--|
| Title            | User Current Date                              |
| Instructions     | Look at dashboard of CorkBoard                 |
| Expected Results | Current date displayed is correct current date |
| Severity         | Important                                      |

#### **Boundary Test Cases**

| Test ID          | 32   |
|------------------|--|
| Title            | Date change.   |
| Instructions     | User changes date on computer, and looks at CorkBoard. |
| Expected Results | Correct date is displayed after date has been changed. |
| Severity         | Important  |

# Functional Requirement: 12

As a user, I want to see the top news headlines

| Test ID | 33 |
|---------|----|
|---------|----|

| Title            | News update functionality   |
|------------------|---|
| Instructions     | Let the system run with a valid RSS feed                                |
| Expected Results | System should pull headlines from RSS feed, display on scrolling ticker |
| Severity         | Critical  |

| Test ID          | 34   |
|------------------|--|
| Title            | Ensure news ticker functions properly                              |
| Instructions     | Provide dummy test data update to news ticker in display subsystem |
| Expected Results | News ticker displays test data completely                          |
| Severity         | Critical   |

#### **Boundary Test Cases**

| Test ID          | 35  |
|------------------|---|
| Title            | Null new URL  |
| Instructions     | Set the new feed URL to nothing and run the program.  |
| Expected Results | The new feed field should say "No new feed available" |
| Severity         | Important   |

# Functional Requirement: 13

As the application, I want to be able to be self sustaining and not crash after long periods of time.

| Test ID | 36            |
|---------|---------------|
| Title   | Long use time |

| Instructions     | Let the program run for a few minutes (let a few dozen updates happen) |
|------------------|--|
| Expected Results | Program should not crash/close during the time.                        |
| Severity         | Critical   |

| Test ID          | 37  |
|------------------|---|
| Title            | Change information live   |
| Instructions     | While the program is running, change the announcements in the online file |
| Expected Results | The announcement field should display the updated announcements           |
| Severity         | Important   |

## **Boundary Test Cases**

| Test ID          | 38  |
|------------------|---|
| Title            | Lose internet connection  |
| Instructions     | While the program is running, disconnect from internet  |
| Expected Results | Fields that require an internet connection should change to "Error: No internet connection" at the next refresh cycle |
| Severity         | Critical  |

# Functional Requirement: 14

As an RA, I want some level of customization over the dashboard's layout.

| Test ID      | 39                                    |
|--------------|---------------------------------------|
| Title        | Verify layout change                  |
| Instructions | Select different layout from settings |

| Expected Results | Layout changed according to layout selected |
|------------------|---|
| Severity         | Important                                   |

| Test ID          | 40  |
|------------------|---|
| Title            | Revert changes                              |
| Instructions     | Select "restore default layout" in settings |
| Expected Results | Corkboard default layout will return        |
| Severity         | Workaround                                  |

As an RA, I want an obvious error message display if any information cannot be updated.

#### **Functional Test Cases**

| Test ID          | 41   |
|------------------|--|
| Title            | Information update errors  |
| Instructions     | Disconnect device from internet and run the program.   |
| Expected Results | Each field that requires internet connection for data should display "Error: No Internet Connection" |
| Severity         | Critical   |

| Test ID          | 42   |
|------------------|--|
| Title            | Invalid API information                                    |
| Instructions     | Feed in fake bad information from the APIs being called    |
| Expected Results | For each field display errors "Invalid response from APIs" |
| Severity         | Critical   |

## **Equivalence Test Cases**

| Test ID          | 43  |
|------------------|---|
| Title            | No announcements found error  |
| Instructions     | Rename the file with the announcements. Run the program                       |
| Expected Results | The field that shows announcements should say "Error: No Announcements Found" |
| Severity         | Important   |

| Test ID          | 44   |
|------------------|--|
| Title            | No weather information found error   |
| Instructions     | Set weather station to "QWER" and run program  |
| Expected Results | The field that displays weather information should say "Error: No Weather Information Found" |
| Severity         | Important  |

## **Boundary Test Cases**

| Test ID          | 45  |
|------------------|---|
| Title            | No bus schedule found error   |
| Instructions     | Set weather station to invalid bus schedule URL and run                               |
| Expected Results | The field that displays weather information should say "Error: No Bus Schedule Found" |
| Severity         | Important   |

Functional Requirement: 16

As an RA, I want to remove old announcements

| Test ID          | 46  |
|------------------|---|
| Title            | RA Announcement Removal   |
| Instructions     | Go to online file Delete announcement line Look at dashboard of Corkboard |
| Expected Results | Desired announcement was removed from Corkboard                           |
| Severity         | Important   |

| Test ID          | 47   |
|------------------|--|
| Title            | All announcements removed  |
| Instructions     | Go to online file Delete all announcement lines Look at dashboard of Corkboard |
| Expected Results | Announcement field should display "No Announcements"                           |
| Severity         | Important  |

# Functional Requirement: 17

As an RA, I want to edit announcements

#### **Functional Test Cases**

| Test ID          | 48  |
|------------------|---|
| Title            | RA Announcement Edit  |
| Instructions     | Go to online "Announcements" file Edit announcement line Look at dashboard of Corkboard |
| Expected Results | Desired announcement changed  |
| Severity         | Important   |

Functional Requirement: 18

As the application, I will update the news periodically

#### **Functional Test Cases**

| Test ID          | 49   |
|------------------|--|
| Title            | News Update  |
| Instructions     | Set news source in config Set "News Update Time Interval" option in config Start Corkboard with internet connection Look at dashboard of Corkboard after time interval |
| Expected Results | Corkboard's news feed updates with new headlines periodically  |
| Severity         | Critical   |

| Test ID          | 50   |
|------------------|--|
| Title            | Verify Correct Interval  |
| Instructions     | Let the news update multiple times and keep track of average update interval |
| Expected Results | Average interval should be close to update interval                          |
| Severity         | Critical   |

# Functional Requirement: 19

As an RA, I want to choose the color of the board

#### Functional Test Cases

| Test ID          | 51  |
|------------------|---|
| Title            | Color Scheme  |
| Instructions     | Set color scheme in config<br>Start Corkboard       |
| Expected Results | Corkboard should display in the proper color scheme |
| Severity         | Important   |

Functional Requirement: 20

As an RA, I want to be able to import/export settings

#### Functional Test Cases

| Test ID          | 52   |
|------------------|--|
| Title            | Export file  |
| Instructions     | Go to setting panel and click export   |
| Expected Results | File containing all settings should generate in the directory of the program |
| Severity         | Important  |

# Equivalence test cases

| Test ID          | 53  |
|------------------|---|
| Title            | Import file   |
| Instructions     | Place settings file in directory of program. Start program. |
| Expected Results | Program should open with the correct settings               |
| Severity         | Important   |

| Test ID          | 54   |
|------------------|--|
| Title            | 2 import files   |
| Instructions     | Place 2 different settings file in directory of program. Start program.      |
| Expected Results | Program should open with the correctly without crashing or causing an error. |
| Severity         | Important  |

# Boundary test cases

| Test ID          | 55  |
|------------------|---|
| Title            | No settings file  |
| Instructions     | Delete or move settings file out of the directory. Run the program. |
| Expected Results | Program should open with the default settings and generate a        |

|          | settings file. |
|----------|----------------|
| Severity | Critical       |

As a user I want to be able to see the most recent tweets from the Purdue Alerts Twitter account

#### **Functional Test Cases**

| Test ID          | 56  |
|------------------|---|
| Title            | Twitter feed displays   |
| Instructions     | Input the twitter feed in to the settings file. Run the program |
| Expected Results | Program should open with the twitter feed visible.              |
| Severity         | Critical  |

## **Equivalence Test Cases**

| Test ID          | 57  |
|------------------|---|
| Title            | Correct twitter feed                                |
| Instructions     | Compare the program twitter feed to the actual feed |
| Expected Results | The most recent tweets should be the same           |
| Severity         | Important   |

| Test ID          | 58  |
|------------------|---|
| Title            | Invalid twitter feed  |
| Instructions     | Input an invalid twitter URL                                    |
| Expected Results | Program twitter feed should display "No Twitter Feed Available" |
| Severity         | Important   |

As a user I want to view an image displayed on the board.

#### **Functional Test Cases**

| Test ID          | 59  |
|------------------|---|
| Title            | Image Display Test  |
| Instructions     | Start Corkboard with an internet connection and an image link set in config Look at display |
| Expected Results | Corkboard should display image, properly sized, keeping dimensions                          |
| Severity         | Important   |

## **Equivalence Test Cases**

| Test ID          | 60   |
|------------------|--|
| Title            | Large Image  |
| Instructions     | Add a large image to the program and run the program     |
| Expected Results | The program should display a scaled version of the image |
| Severity         | Important  |

## **Boundary Test Cases**

| Test ID          | 61  |
|------------------|---|
| Title            | Invalid/Corrupted image                                     |
| Instructions     | Add an invalid or corrupted image. Run the program          |
| Expected Results | Image field should display "Error: Could not display image" |
| Severity         | Important   |

# Functional Requirement: 23

As an RA I want to be able to choose an image to be posted on the board.

#### **Functional Test Cases**

| Test ID          | 62  |
|------------------|---|
| Title            | Set Image   |
| Instructions     | Set valid image url in config<br>Start Corkboard with internet connection |
| Expected Results | Corkboard displays chosen image with proper formatting and dimensions     |
| Severity         | Important   |

## **Equivalence Test Cases**

| Test ID          | 63  |
|------------------|---|
| Title            | Display image                               |
| Instructions     | Run the program                             |
| Expected Results | The image displayed should be the set image |
| Severity         | Critical                                    |

## **Boundary Test Cases**

| Test ID          | 64  |
|------------------|---|
| Title            | Null image selection                                |
| Instructions     | Select a missing image. Run the program.            |
| Expected Results | Image field should display "Error: image not found" |
| Severity         |   |

# Functional Requirement: 24

As a user, I want to view active weather alerts

| Test ID 65 |
|------------|
|------------|

| Title            | Fake Weather Alert   |
|------------------|--|
| Instructions     | Run script imitating weather alert response from weather API, send fake alert to display subsystem |
| Expected Results | Corkboard should show weather alert in red ticker at top of screen                                 |
| Severity         | Critical   |

| Test ID          | 66   |
|------------------|--|
| Title            | Weather Alert Information  |
| Instructions     | Run script imitating weather alert response from weather API   |
| Expected Results | Corkboard's weather alert should include details such as time and type and location from the weather API |
| Severity         | Important  |

## **Boundary Test Cases**

| Test ID          | 67  |
|------------------|---|
| Title            | No Weather Alert  |
| Instructions     | Do not run script imitating weather alert response from weather API |
| Expected Results | No weather alert should display on Corkboard                        |
| Severity         | Important   |

# Functional Requirement: 25

As an RA, I want to change the refresh rate

| Test ID      | 68   |
|--------------|--|
| Title        | Change refresh setting                       |
| Instructions | Change the refresh rate in the settings file |

| Expected Results | The program should refresh at the set interval |
|------------------|--|
| Severity         | Workaround                                     |

| Test ID          | 69   |
|------------------|--|
| Title            | Compare refresh rate   |
| Instructions     | Run the program  |
| Expected Results | The time between refresh cycles should be the same as the previous |
| Severity         | Workaround   |

| Test ID          | 70   |
|------------------|--|
| Title            | No refresh time set                            |
| Instructions     | Clear the refresh rate in settings file        |
| Expected Results | The program should refresh at the default rate |
| Severity         | Workaround                                     |

| Test ID          | 71  |
|------------------|---|
| Title            | Zero value refresh rate                         |
| Instructions     | Set the refresh rate to 0 and run the program   |
| Expected Results | The program should refresh at the default rate. |
| Severity         | Workaround                                      |

| Test ID | 72                          |
|---------|-----------------------------|
| Title   | Negative value refresh rate |

| Instructions     | Set the refresh rate to -1 and run the program  |
|------------------|---|
| Expected Results | The program should refresh at the default rate. |
| Severity         | Workaround                                      |

As an RA, I want to add a URL to get announcements from.

#### **Functional Test Cases**

| Test ID          | 73  |
|------------------|---|
| Title            | Add URL   |
| Instructions     | Go to settings and add URL to file to pull announcements from |
| Expected Results | Announcements from desired URL should show on Corkboard       |
| Severity         | Critical  |

## **Equivalence Test Cases**

| Test ID          | 74   |
|------------------|--|
| Title            | Invalid URL  |
| Instructions     | Set the URL in the settings page to pull announcements from an invalid URL |
| Expected Results | An error message should display notifying user that URL is invalid         |
| Severity         | Important  |

| Test ID          | 75  |
|------------------|---|
| Title            | No URL  |
| Instructions     | Remove the URL in the settings page that pulls announcements                      |
| Expected Results | An error should display showing that no URL entered, no announcements should show |
| Severity         | Workaround  |

As an RA, I want to change the location weather information is pulled from

#### **Functional Test Cases**

| Test ID          | 76   |
|------------------|--|
| Title            | Change weather information source  |
| Instructions     | In the settings file set the url location of the weather data to pull. And the area to monitor the weather of. |
| Expected Results | The weather data should be pulled from the url location and show the weather for the area chosen.              |
| Severity         | Critical   |

# **Equivalence Test Cases**

| Test ID          | 77  |
|------------------|---|
| Title            | Invalid weather url.  |
| Instructions     | Set url to a non-valid weather source.                        |
| Expected Results | An error should be displayed stating that the url is invalid. |
| Severity         | Important   |

| Test ID          | 78  |
|------------------|---|
| Title            | Blank weather url.  |
| Instructions     | Set url to a blank url.                                     |
| Expected Results | An error should be displayed stating that the url is blank. |
| Severity         | Important   |

| Test ID | 79 |
|---------|----|
|         |    |

| Title            | Empty local area.   |
|------------------|---|
| Instructions     | Input valid weather source.                                   |
| Expected Results | Error should be displayed stating no local area was inputted. |
| Severity         | Important   |

# Functional Requirement: 28 As an RA, I want to set the twitter feed

#### **Functional Test Cases**

| Test ID          | 80   |
|------------------|--|
| Title            | Set the twitter url and account                                  |
| Instructions     | Set the twitter page url you want to show in configuration file. |
| Expected Results | CorkBoard displays twitter feed from selected twitter page.      |
| Severity         | Critical   |

## **Equivalence Test Cases**

| Test ID          | 81   |
|------------------|--|
| Title            | Check invalid twitter page.                                |
| Instructions     | Set the twitter page url to a non-existing twitter page    |
| Expected Results | An error should pop up stating incorrect url was inputted. |
| Severity         | Critical   |

| Test ID          | 82  |
|------------------|---|
| Title            | Check blank url   |
| Instructions     | Set the twitter page url to an blanck url in the config file. |
| Expected Results | An error should pop up stating the url was missing.           |
| Severity         | Critical  |

| Test ID          | 83  |
|------------------|---|
| Title            | Private twitter account.                                      |
| Instructions     | Set url for a twitter page that is private in the config file |
| Expected Results | Error stating the page is private and unable to be viewed.    |
| Severity         | Important.  |

# Functional Requirement: 29

As an RA, I want to set the bus schedule

| Test ID          | 84   |
|------------------|--|
| Title            | Verify Bus Tracker Functionality                             |
| Instructions     | Set preferred bus stop in configuration file                 |
| Expected Results | CorkBoard displays time of next bus to arrive for each route |
| Severity         | Critical   |

| Test ID          | 85  |
|------------------|---|
| Title            | No Network Connection   |
| Instructions     | Begin with properly configured bus stop but no network connection     |
| Expected Results | Display shows error identifying connection loss as reason for no data |
| Severity         | Important   |

| Test ID          | 86   |
|------------------|--|
| Title            | Too many (>5?) routes to display                       |
| Instructions     | Select stop with more than 5 routes                    |
| Expected Results | Display prioritizes showing routes that arrive soonest |
| Severity         | Important  |

| Test ID          | 87  |
|------------------|---|
| Title            | No Available Routes                                     |
| Instructions     | Select stop with no routes currently running            |
| Expected Results | Display shows error message indicating no running buses |
| Severity         | Workaround  |

| Test ID          | 88  |
|------------------|---|
| Title            | Invalid Stop Selection                                    |
| Instructions     | Provide an invalid stop name during configuration         |
| Expected Results | Display an error message indicating failure to find stop. |
| Severity         | Workaround  |