CWRUtility FT v 1

Last modified on 11/27/2012 11:53 PM by Stuart Long.
Tags:

Functional Tests for CWRUtility

Tests

- StartUp

- NextBus

- Campus Map

- eSuds

- Directory

- Menus

- Case News

CWRUtility FT v 1 | **StartUp**

StartUp

1. Find the CWRUtility application on your phone device.
2. Verify that the application icon is the CWRU logo.
3. Tap the application icon.
4. Verify that the application brings you to the main CWRUtility page.
5. Verify that every CWRUtility feature is list:
   - NextBus
   - Campus Map
   - eSuds
   - Directory
   - Menus
   - Case News
6. Verify that if a default has been set for NextBus, that that default stop is properly shown.
7. Verify that if a default has been set for eSuds, that that default selection is properly shown.
8. Verify that if no default has been set for either, that no default is shown.
9. Tap each feature title, and verify that you are properly brought to that feature.
10. From each feature, tap the "back" button on your phone device and verify that you are returned to the main page.
11. From the main page, hit the "home" button, then tap the back button and verify that you are returned to the main page.

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CWRUtility FT v 1 | **NextBus**

Last modified on 11/27/2012 11:51 PM by Stuart Long.
Tags:

NextBus

1. Start the application and from the main page tap the "NextBus" panel.
2. Verify that you are brought to the NextBus feature.
3. If you have not used this feature before or a default stop has not been set, the screen should display "Select Stop" followed by a line of 3 sets of "0:00" followed by three selection boxed title "Route", "Direction", and "Stop" followed by a "go" button.
   - Route should default to "Circle Link"
   - Direction should default to "To Circle Station"
   - Stop should default to "Cleveland Museum of Art - Departure"
4. Tap the "Route" select box. You should be brought to a page displaying should be "Circle Link", "Commuter Shuttle", "Evening Shuttle North", and "Evening Shuttle South".
5. In turn, select each route, select each direction for that route, and then tap the "stop" selection field and verify that for each Route/Direction combination all stops are displayed. The proper stops can be found at http://www.nextbus.com/predictor/stopSelector.jsp?a=case-western
6. Select 5 random stops and verify they display the proper time when you hit the "go" button as per http://www.nextbus.com/predictor/stopSelector.jsp?a=case-western
7. Tap your device's "back" button and verify that you are returned to the main page.
8. If you have not yet set a default for NextBus, no default should be displayed.
9. Tap the "NextBus" panel again and verify that once again you see the "select top" text and blank times again (unless you have a default set).
10. Select a stop of your choice and tap the "set default" button.
11. Verify that a pop-up appeared informing you that you set a default stop and verify that the stop displayed is, in fact, the stop, you selected. Hit "ok"
12. Verify that the correct information for your selected stop is now displayed.
13. Hit the "back" button to return to the main page.
14. Verify that next to the "NextBus" panel, your default stop and its correct times are displayed.
15. Return to the NextBus feature and verify that your default stop is displayed defaultly with the correct times.
16. Quit the application by hitting the "back" button twice.
17. Start the application and verify that your default stop is still displayed.

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CWRUtility FT v 1 | **Campus Map**

Last modified on 11/27/2012 11:48 PM by Stuart Long.
Tags:

Campus Map

1. Start the application.
2. Tap the Campus Map icon.
3. Verify that you are brought to the Road Map pivot.
4. Verify that the "bing" map of the CWRU campus is displayed.
5. Verify that there is NOT white text in the middle of the screen displaying "Invalid Credentials"
6. Verify that a black outline of campus and several POI pushpins are displayed.
7. Pan in any direction on the map and verify that the map moves appropriately.
8. Pan away from the CWRU campus and verify that the map stops panning at the edge of campus.
9. Pinch your fingers together and verify that the map zooms in.
10. Pull your fingers apart and verify that the map zooms out.
11. While zooming out, verify that eventually you reach a max zoom level.
12. Tap the "toggle info" button, and verify that the black outline and pushpins disappear.
13. Tap the button again, and verify that the outline and pushpins reappear.
14. Tap the "my location" button and verify that an icon appears at your location. Note, this make take a moment and you should see an updating tag at the top of the phone.
15. After the "my location" pin has appeared, tap the "toggle info" button and ensure that the pin disappears.
16. Hit the "my location" button again and verify that you "my location" pin reappears.
17. Hit the "toggle info" button again and verify that the black outline reappears and your "my location" pin doesn't change.
18. Swipe laterally at the top of the screen (where it says Road Map) and verify that you are taken to the "CWRU Map" pivot
19. Verify that an map of the CWRU campus is displayed.
20. Verify that panning on the map moves the map appropriately.
21. ~~Verify that you can zoom in and out on the map.~~
22. Swipe laterally at the top of the screen (where it says CWRU Map) and verify that you are taken to the "Road Map" pivot
23. Tap your phone device's "back" button, and verify that you are taken back to the main page.

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CWRUtility FT v 1 | **eSuds**

Last modified on 11/27/2012 11:47 PM by Stuart Long.
Tags:

eSuds

1. Start the CWRUtility application.
2. Verify that there is no default building information next to the eSuds panel, unless you have set a default already.
3. Tap the eSuds panel and verify that you are brought to the eSuds feature page.
4. Verify that a "Building" selection field is displayed, and is set to "Alumni" by default (unless you have set a default previously)
5. Under the "Building" field, verify that a table with the columns M#, Type, Status, Time is displayed.
6. Verify that there is a "set default" button at the bottom of the screen.
7. Select the "Building" field and verify that all of the eSuds buidlings are displayed as per http://case-asi.esuds.net/RoomStatus/showRoomStatus.do
8. In turn, select each building and verify the table displays the appropriate information as per http://case-asi.esuds.net/RoomStatus/showRoomStatus.do
9. Hit your device's "back button" and verify that you are returned to the main menu.
10. Verify that there is no default building shown next to the eSuds panel (unless you have set one).
11. Return to the eSuds feature.
12. Verify that the information for "Alumni" is displayed (unless you have set a default).
13. Select the building of your choice and hit the "set default" button.
14. Verify that a pop-up appears and informs you the you have set the default that you chose.
15. Hit "ok" and verify that information for your default is displayed.
16. Return to the main page and verify that some information for your default building is shown next to the eSuds panel.
    - Specifically, you should see "Free: W: # D: #" where each # is the number of washers and driers currently free in your default building.
17. Return to the eSuds feature and verify that your default building is displayed.
18. Exit the application by hitting the "back" button twice.
19. Restart the application and verify that your default is still set for eSuds.

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CWRUtility FT v 1 | **Directory**

Directory

1. Start the CWRUtility application.
2. Tap the Directory panel.
3. Verify that you are brought to the "Directory" feature.
4. Verify that a scrollable list of CWRU resources and services is displayed.
5. For each resource:
    1. Tap the resource name and verify that:
        1. The list scrolls to the top of the resource name.
        2. The selected item expands and displays:
            1. The resources' phone number.
            2. The resources' address
            3. A short description of the resource.
        3. Tap the phone number and verify that your device attempts to place a call for that number.
    2. Tap the resource again and verify that the item collapses.
6. Tap your devices "back" button and verify that you are returned to the main page.

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CWRUtility FT v 1 | **Menus**

Menus

1. Start the CWRUtility application.
2. Tap the "Menus" panel.
3. Verify that you are taken to the "Menus" feature.
   - Verify that the default pivot is "Fribley"
   - Verify that there is a scrollable list of food items
   - Verifty that there is a select box at the bottom that is defaulted to today's day
4. Compare the list food items to those found here, and verify that they match.
5. Tap the selection box at the bottom and verify that a list of days appears.
6. Select each day from the list and repeat step 4 for each day.
7. Swipe laterally on the phone device and verify that you are taken to the "Leutner" pivot.
8. Repeat steps 3-6, except for the "Leutner" pivot and using this link instead.

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CWRUtility FT v 1 | Case News

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Case News

1. Start the CWRUtility application.
2. Select the Case News panel and verify that you are brought to the Case News feature.
3. Verify that you are on the "Observer" feature.
4. On opening the feature, there should be a pause while the RSS feed updates.
    1. During this pause verify that there is an updating progress bar at the top of the screen
5. Verify that under the "Observer" title there is a scrollable list of news stories.
6. Under the news list, verify that there is a "refresh feed" button.
7. Verify that the stories displayed match those found at http://www.thecwruobserver.com/feed (NOTE: your browser may not be equipped to view RSS feeds)
8. For each story verify that:
    1. A story title is displayed in your phone's accent color.
    2. A short description of the story is displayed under the title.
    3. And the publication date and time of the story is displayed under the description.
    4. Tap the story and verify that you are taken to a new page that displays the story in its entirety in an in-line browser.
9. Tap the refresh feed button and verify that the RSS feed is refreshed.
10. Swipe laterally and verify that you are taken to the "daily" pivot.
11. Repeat steps 4-9 but for the "daily" pivot using feed://cwru-daily.com/news/?feed=rss2 as a reference.
12. Tap your devices' back button and verify that you are taken back to the main page.

Home