User Acceptance Test

Distributed Instrument Cluster

Preconditions:

## Items used for the test.

Minimum 2 Computers

1 Crestron cable

1 Video Capture device (Webcam or Capture card)

Get the latest commit from Github.

<https://github.com/Mikael-og-Andre/Distributed-Instrument-Cluster/tree/Master>

Visual Studio 2019 – (Used in development)

Either Google Chrome or Firefox (These browsers were used in testing, and 47support Pointer lock API’s)

## Setup With a development version

TBD

## Scenario 1 Guest Login

**Precondition**: Backend web server is running

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step #** | **Action** | **Task Description** | **Input Data** | **Expected Result** |
| 1 | Enter Website | Enter the URL into your Browser, and press enter | URL: The URL selected in the setup stage | The website front page loads in less than 10 seconds |
| 2 | Login as a guest | Press the login/enter as guest button on the bottom of the screen |  | You are transferred to the device selection page |
| 3 | Check profile Information | In the top bar of the device selection page, left click the profile button, it looks like a face/human |  | A drop-down menu should appear showing your information as guest |

## Scenario 2 Select A device as guest login.

**Precondition**: Logged in as a guest, on the device selection screen, and a remote device is connected to the server

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Step#** | **Action** | **Task Description** | **Input Data** | **Expected Result** |
| 1 | Refresh Connection List | In the middle of the screen, there is a button that looks like 2 arrows, left click it to refresh the list of connections. |  | The page should display a loading animation, the loading should not last longer than 10 seconds |
| 2 | Check for a connected device | If a device has connected, there should be a list of all connected devices in the middle of the device selection screen. confirm that the device shows up on the screen |  | A device should show on the screen with, the name, location, and type, and a button that says select |
| 2 | Check for the connection types | A device can have multiple video and controller connections, check what connections it lists |  | The device should show 1 video connection and 1 control connection, if you have a default Crestron, video device setup |

## Scenario 3 View video as guest

**Precondition:** Selected a Device, logged in as Guest

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Step# | Action | Task Description | Input Data | Expected Result |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |

## Scenario 4 Account Login

## Scenario 5 Select Device

## Scenario 6