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| **Test case ID** | **Feature Type** | **Component** | **Test Scenario** | **Expected Result** | **Actual Result** | **Status** | **Comments** |
| IBMCloud\_TC\_OO1 | Functional | Dashboard | User can able to get resources while accessing the IBM catalog features. | Login/Signup popup should display after user can see dashboard | Working as expected | Pass | This steps used get IBM dashboard go user expected  . |
| IBMWatson  \_TC\_OO2 | IOT platform | Devices | Verify the UI elements in Login/Signup popup | Application should show below UI elements:  a.email text box b.password text box  login button with bluecolour click to --fxm0tp  ID: fxm0tp Bluemix Free | Working as expected | Pass | Steps are clear to follow |
| Nodered\_TC\_OO3 | Functional | Flows | Their is no verify for node red. | User should navigate to user account homepage | Working as expected | Pass | Directly we can able to access |
| Wokwi\_TC\_OO4 | Functional | Simulation | Connection on some sensor | Simulation should connect with IBM Watson IOT platform | Working as expected | Pass | User can able to control light conections |
| MITApp\_TC\_OO4 | Application | Monitor | Monitoring the features like Temperature ,Humidity,Soilmoiture | Application should show correct email or password | Working as expected | Pass | User can monitor thorugh mobile devices |

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| Date | 19-November-22 |  |
| Team ID | PNT2022TMID08726 |
| Project Name | Project - SmartFarmer -IOT Enable |
| Maximum Marks | 4 marks |
| **Pre-Requisite** | **Steps To Execute** | **Test Data** |
| Creating IBM cloud dashboard | 1. Enter URL and click go 2. Click on My Account dropdown button 3. Verify login/Signup popup displayed   or not | https://cloud.ibm.com/ |
|  | 1.Enter URL and click go |  |
|  | 2.Click on Sign button. |  |
|  | 3.Verify login/Signup popup with |  |
| User can able to create device which is connected to node red. | below UI elements: a.email text box b.password text box  c.Login button | https://fxm0tp.internetofthings.ibmcloud.com/dashboard/ devices/browser |
|  | d. click to --fxm0tp |  |
|  | ID: fxm0tp |  |
|  | Bluemix Free |  |
|  | 1.Enter URL(https://node-red-fldlb- | https://node-red-fldlb-2022- |
| On Creating different flows to get web UI | 2022-11-04.eu-  gb.mybluemix.net/red/#flow/0fca00d 645ca9b62) | 11-19. eugb.mybluemix.net/red/#flow/ 0fca00d645ca9b62 |
|  |  | password: Testing123 |
|  | 1.Enter |  |
|  | URL(https://wokwi.com/projects/new |  |
|  | /esp32) and click go |  |
| Creating working simulation of light control | 2.Click on My Account dropdown button  3Connect required parts to EPS32 | https://wokwi.com/projects/n /esp32 |
|  | 4.parts like LED light,Resistor,DHT22 |  |
|  | Senor |  |
|  | 5.Then Start simulation. |  |
| Controlling the required need . | 1.Enter URL[(http:/](http://ai2.appinventor.mit.edu/)/[ai2.appinventor.mit.edu/#](http://ai2.appinventor.mit.edu/) 5400238249345024) and click go 2.Click on My Account dropdown button  3.Enter Valid username/email in Email text box | [http://ai2.appinventor.mit.ed](http://ai2.appinventor.mit.ed/) /#5400238249345024  password: Testing123678686786876876 |
|  | 4.Click on login button |  |

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|  | | |
| **TC for Automation(Y/N)** | **BUG ID** | **Executed By** |
| No | No | Executed By all who required username and password. |
| No | No | Executed By only for user |
| No | No | Executed By only for user |
| No | No | Executed By only for user |
| No | No | Executed By only for user |