Continuous Delivery ICS Adoption Dashboard

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Test Cases 1

# Test Cases

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| Test Case ID | START1 |
| Test Case Name | Purpose | Initiation Criteria | Expected Results |
| Startup With Empty Database | Test expected behavior is carried out when application is started | Database is empty but database area is created | Database is populated with Random Mock Data from Bootstrap, and all RTC Information is pulled in. |

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| Test Case ID | START2 |
| Test Case Name | Purpose | Initiation Criteria | Expected Results |
| Start with existing data in database | Test expected behavior is carried out when application is started |  | No additional RTC or Bootstrap data is added to the database |

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| Test Case ID | START3 |
| Test Case Name | Purpose | Initiation Criteria | Expected Results |
| Start with no connection to RTC Server | Tests that the application is stable even if RTC connection lost. |  | Exception caught and logged to error log. Application continues to run. |

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| Test Case ID | START4 |
| Test Case Name | Purpose | Initiation Criteria | Expected Results |
| Fail if started with no Server Backend | The application requires a server backend in order to start. |  | Fail to start |

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| Test Case ID | NETWORK1 |
| Test Case Name | Purpose | Initiation Criteria | Expected Results |
| No Internet Connection | Tests that the application can operate without a connection to the internet. |  | Application should function correctly, but graphs on the main page will not display. Google Chart API requires internet access. |

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| Test Case ID | LOGIN1 |
| Test Case Name | Purpose | Initiation Criteria | Expected Results |
| Login | Tests the ability to login as default users admin and user with password = password |  | User logged in |

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| Test Case ID | LOGOUT1 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Logout | Tests the ability to Log out from a user account | User is logged in | 1. Select Logout from the black bar at the top right of the screen | User logged in |

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| Test Case ID | USERPROFILE1 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Add Subscriptions | Tests the ability to add subscribed teams to a users account | 1. User is logged in. | 1. Select User Profile from the black bar at the top right of the screen 2. Click ‘Edit’ 3. Select at least one Team from the checkboxes | Subscriptions added to account |

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| Test Case ID | USERPROFILE2 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Remove Subscriptions | Tests the ability to remove subscribed teams from a users account | 1. User is logged in. 2. User has subscriptions associated with their account | 1. Select User Profile from the black bar at the top right of the screen 2. Click ‘Edit’ 3. Deselect at least one Team from the checkboxes | Subscriptions updated to reflect this change, team no longer visible. |

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| Test Case ID | USERPROFILE3 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| View Profile | Tests the ability to view currently subscribed teams | 1. User is logged in. 2. User has subscriptions associated with their account | 1. Select User Profile from the black bar at the top right of the screen | Subscriptions shown as a list |

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| Test Case ID | USERPROFILE4 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Can’t view other user’s profile | Tests that each users profile is secure from tampering by a 3rd party. | 1. User is logged in. 2. More than 1 user is registered | 1. Select User Profile from the black bar at the top right of the screen 2. Change the URL to the next User ID. | Changing the URL doesn’t load a new page. Only current users profile is loaded, regardless of the URL |

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| Test Case ID | TEAMINDEX1 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Team Name Link | Tests the text of the Team Name links to the correct page |  | 1. Click the team name. In the Sample data this will be in the format “BootstrapTeamXXX” | Browser loads the Build Info page for that particular Team. If no build information is available, the page should load and inform the user there is no data to display. |

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| Test Case ID | TEAMINDEX2 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Team ID Link | Tests the text of the Team ID links to the correct page | 1. There is at least 1 commit/ build for this project. Otherwise this link is not present. | 1. Click the team ID text at the top left of the box containing summary information | Browser loads the Build Info page for that particular Team. |

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| Test Case ID | TEAMINDEX3 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Prompt to log in | User should be prompted to log in if not already | 1. User is not logged in. |  | Prompt for user to log in appears before summary data |

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| Test Case ID | TEAMINDEX4 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Prompt Login Link | Tests the text of the login prompt works correctly | 1. User is not logged in | 1. Click the text ‘Log in’ in the prompt above the summary data | Log in page loaded. |

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| Test Case ID | TEMPLATE1 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Refresh | Tests that the Refresh button causes a page refresh |  | 1. Click the Refresh Icon beside the application name in the top black bar | Browser reloads the current page |

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| Test Case ID | TEMPLATE2 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Footer Home Link | Tests that the footer Home link functions correctly |  | 1. Click the ‘Home’ text in the page footer | IBM company homepage is loaded |

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| Test Case ID | TEMPLATE3 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Footer Help Link | Tests that the footer Help link functions correctly |  | 1. Click the ‘Help text in the page footer | Help Page is loaded |

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| Test Case ID | TEMPLATE4 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Footer About Link | Tests that the footer About link functions correctly |  | 1. Click the ‘About text in the page footer | About Page is loaded |

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| Test Case ID | TEMPLATE5 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Footer Submit Feedback Link | Tests that the footer Submit Feedback link functions correctly |  | 1. Click the ‘Submit Feedback’ text in the page footer | Default Mail application loaded with new mail open to [feedback@ibm.com](mailto:feedback@ibm.com) and subject = CD Dashboard Feedback |

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| Test Case ID | TEMPLATE5 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Help Icon | Tests that the Help Icon functions correctly |  | 1. Click the Help Icon in the top right corner of the black bar. It is a blue circle with a question mark in the middle. | Help Page is loaded |

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| Test Case ID | TEAMINFO1 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Graph | Tests that the graph is the same as that displayed on the index page |  | 1. Note the shape of the graph on the index page. 2. Click the Team Name link | Graph should be the same values and shape on each page. |

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| Test Case ID | TEAMINFO2 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Build Name Link | Tests that the build name link works as expected |  | 1. Click the Build Name link | Correct build info page is loaded. |

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| Test Case ID | TEAMINFO3 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Team Member Email Link | Tests that the Team Member email link works as expected |  | 1. Click the Email address text | Default Mail application is loaded with the team member as recipient |

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| Test Case ID | BUILDINFO1 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| WorkItem ID Link | Tests that the WorkItem ID link works as expected |  | 1. Click the WorkItem ID text | Correct WorkItem info page is loaded. |

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| Test Case ID | BUILDINFO2 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| WorkItem Created date Link | Tests that the WorkItem Created date link works as expected |  | 1. Click the WorkItem Created Date text | Correct WorkItem info page is loaded. |

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| Test Case ID | BUILDINFO3 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| WorkItem Type Link | Tests that the WorkItem Type link works as expected |  | 1. Click the WorkItem Type text | Correct WorkItem info page is loaded. |

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| Test Case ID | CRONJOB1 |
| Test Case Name | Purpose | Initiation Criteria | Steps | Expected Results |
| Cron job | Tests that the Cron job to update the database executes |  | 1. Monitor logs, should see Cron execution | Cron job executed after defined time period |