Team Hall Test Specification

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| Config Ref: |  |
| Date: | 2018-03-13 |
| Version: | 4.2 |
| Status: | Release |

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# Introduction

## Purpose of this Document

The purpose of this document is to specify in detail each of the system tests to be executed as part of the formal test process.

## Scope

This document describes the outline plan for testing and establishes the presence of defects in a program, which will be used to estimate whether the program is operationally usable. Each test specification will have an introductory section followed by a collection of test procedures as well as its passing criteria.

## Objectives

To provide a set of reproducible actions to test all main functionality of the system as per requirement specification provided by the customer.

# Test specification

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| --- | --- | --- | --- | --- | --- |
| **Test Ref** | **Req being tested** | **Task Content** | **Input** | **Pass Criteria/Output** | **Result** |
| TS-1.0 | FR1  Start-up conditions | Check that the program can be loaded. | Start program. | Window with account screen opens. | Passed. |
| TS-2.0 | FR 2  Account Creation | Check that account can be created. | Start Program.  Click ‘Create Account Button’.  Type in details.  Click ‘Login’ button. | Confirmation that account has been created. | Passed. |
| TS-2.1 | FR 2  Account Creation | Check that only correct password format can be used. | Start Program.  Click ‘Create Account Button’.  Type in details.  Type in 4 spaces as password.  Click ‘Login’ button. | Error and no account created. | Allows account creation. |
| TS-2.2 | FR 2  Account Creation | Check that only correct email format used. | Start Program.  Click ‘Create Account Button’.  Type in details.  Type 1234 as email address.  Click ‘Login’ button. | Error and no account created. | Allows account creation. |
| TS-2.3 | FR 2  Account Creation | Check that account has not already been used for account creation. | Start Program.  Click ‘Create Account Button’.  Type in exact details used in TS-2.0.  Click ‘Login’ button. | Error and no account created. | Passed.  No error. |
| TS-2.4 | FR 2  Account Creation | Check that ‘Confirm Password’ actually ensures matching passwords. | Start Program.  Click ‘Create Account Button’.  Type in details.  Type different passwords in ‘Password’ and ‘Confirm Password’ box.  Click ‘Login’ button. | Error and no account created. | Passed. |
| TS-3.0 | FR 3  Login | Check that account can be logged into. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button. | Confirmation that account has been logged into.  Home screen opens. | Passed. |
| TS-3.1 | FR 3  Login | Check that incorrect details cannot be used to log in. | Start Program.  Select Account to be logged into.  Type in incorrect password.  Click ‘Login’ button. | Error and refusal to log in. | Passed. |
| TS-3.2 | FR 3  Login | Check that account can be logged out of. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Select ‘Menu’ button in top left corner of the screen. | Return to account screen.  Confirmation of logout. | No way to logout. |
| TS-4.0 | FR 4  Home Screen | Check that Home Screen loads as expected. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button. | Home screen displayed. | Passed. |
| TS-4.1 | FR 4  Home Screen | Check that User Portfolio button works as expected. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘User Portfolio’. | Portfolio screen displayed. | Passed. |
| TS-4.2 | FR 4  Home Screen | Check that acquire new skills button works as expected. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Acquire New Skills’ button. | Acquire new skills screen displayed. | Passed. |
| TS-4.3 | FR 4  Home Screen | Check that Find a Job button works as expected. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Find a Job. | Find A Job screen displayed. | Passed. |
| TS-4.4 | FR 4  Home Screen | Check that Action Plan button works as expected. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Action Plan’. | Action Plan screen displayed. | Passed. |
| TS-5.0 | FR 5  User Portfolio | Check that you can add multiple skills. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘User Portfolio’.  Click ‘Add New item’ button.  Click ‘Skill’ button.  Enter valid skill information.  Click ‘Add Skill’  Enter a second skill.  Click ‘Add Skill’.  Click ‘Save’ | Skills displayed as they are added.  Skills are displayed immediately after saving. | Passed. |
| TS-5.1 | FR 5  User Portfolio | Check that you can add multiple work experience. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘User Portfolio’.  Click ‘Add New item’ button.  Click ‘Work Experience’ button.  Enter valid work experience information.  Click ‘Add Work Experience’ button.  Enter a second Work Experience.  Click ‘Add Work Experience’ button.  Click ‘Save’ | Work experience displayed one by one as they are added.  Work experience displayed immediately after they are saved. | Passed. |
| TS-5.2 | FR 5  User Portfolio | Check that you can add multiple education. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘User Portfolio’.  Click ‘Add New item’ button.  Click ‘Education’ button.  Enter valid skill information.  Click ‘Add Skill’  Enter a second skill.  Click ‘Add Skill’.  Click ‘Save’ | Education displayed correctly as they are added.  All education displayed correctly after saving. | Passed. |
| TS-5.3 | FR 5  User Portfolio | Check that you can edit skills entry. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘User Portfolio’.  Click ‘Add New item’ button.  Click ‘Skill’ button.  Select existing skill from ‘Edit Skill’ dropdown.  Enter valid skill information.  Click ‘Add Skill’  Click ‘Save’ | Skill displays differently after being edited. | Can’t see new skills in edit area.  Works if app reloaded. |
| TS-5.4 | FR 5  User Portfolio | Check that you can edit Work Experience entry. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘User Portfolio’.  Click ‘Add New item’ button.  Click ‘Work Experience’ button.  Select existing work experience from ‘Edit Work Experience’ dropdown.  Enter valid work experience information.  Click ‘Add Work Experience’  Click ‘Save’ | Work experience entry displays differently after being edited. | Can’t see new Work Experience in edit area.  Works if app reloaded. |
| TS-5.5 | FR 5  User Portfolio | Check that you can edit Education entry. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘User Portfolio’.  Click ‘Add New item’ button.  Click ‘Education’ button.  Select existing education from ‘Edit Education’ dropdown.  Enter valid Education information.  Click ‘Add Education’  Click ‘Save’ | Edited Education entry displays differently after being edited. | Can’t see new Education in edit area.  Works if app reloaded. |
| TS-5.6 | FR 5  User Portfolio | Check that all information entered appears in the correct place. | After completing TS-5.1 to TS-5.5.  Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘User Portfolio’. | Ensure all entered data is present and edited data stays edited. | Passed. |
| TS-5.7 | FR 5  User Portfolio | Check that you can delete an existing skill. | After completing TS-5.1 to TS-5.5.  Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘User Portfolio’.  Click ‘Add New Item’.  Click Skill Button.  Select Skill from Dropdown.  Click Delete. | All evidence of entry deleted. | Passed. |
| TS-5.8 | FR 5  User Portfolio | Check that you can delete an existing ‘Work Experience’ | After completing TS-5.1 to TS-5.5.  Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘User Portfolio’.  Click ‘Add New Item’.  Click ‘Work Experience’.  Select am entry from Dropdown.  Click Delete. | All evidence of entry deleted. | Passed. |
| TS-5.9 | FR 5  User Portfolio | Check that you can delete an existing ‘Education’ | After completing TS-5.1 to TS-5.5.  Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘User Portfolio’.  Click ‘Add New Item’.  Click ‘Education.  Select am entry from Dropdown.  Click Delete. | All evidence of dropdown menu deleted. | Passed. |
| TS-6.0 | FR 6  Acquire Skills | Check link can be selected, and information loads correctly. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Acquire New Skills’.  Select link from list. | Information about link displays. | No link info appears. |
| TS-6.1 | FR 6  Acquire Skills | Check that resource selected can be visited using button. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Acquire New Skills’.  Select link from list.  Click ‘Visit Resource’ button. | Selected website opens. | Passed. |
| TS-7.0 | FR 7  Find a Job | Check that Find a job page loads as expected. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Find a Job’. | Find A Job screen loads. | Passed. |
| TS-7.1 | FR 7  Find a Job | Check that Find A Job button can be executed. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Find a Job’.  Click ‘Find a Job’. | Find A Job page 2 loads. | Passed. |
| TS-7.2 | FR 7  Find a Job | Check that Jobs Found Button can be executed. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Find a Job’.  Click ‘Jobs Found’. | Found Jobs page loads. | Passed. |
| TS-8.0 | FR 8  Find a Job (pg2) | Check that CV and Cover letter resources can be selected and correct information loads. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Find a Job’.  Click ‘Find a Job’.  Select resource from CVs and Cover letters.  Click ‘Visit Resource’ button. | Correct and relevant information loads and displayed.  Correct website loads after click. | Links no longer work. |
| TS-8.1 | FR 8  Find a Job (pg2) | Check that Interviews can be added. | Not implemented. | Not implemented. | Not implemented. |
| TS-8.2 | FR 8  Find a Job (pg2) | Check that interviews can be viewed. | Not implemented. | Not implemented. | Not implemented. |
| TS-8.3 | FR 8  Find a Job (pg2) | Check that jobs being applied for can be added and viewed. | Not implemented. | Not implemented. | Not implemented. |
| TS-8.4 | FR 8  Find a Job (pg2) | Check that apprenticeships and Internships can be added and viewed. | Not Implemented. | Not Implemented. | Not Implemented. |
| TS-8.6 | FR 8  Find a Job (pg2) | Check that self-employment/freelancing can be added/viewed. | Not Implemented. | Not Implemented. | Not Implemented. |
| TS-8.7 | FR 8  Find a Job (pg2) | Check that Networking can be added and viewed. | Not Implemented. | Not Implemented. | Not Implemented. |
| TS-9.0 | FR 9  Jobs Found | Check that you can add a new job to list. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Find a Job’.  Click ‘Jobs Found’.  Click ‘Add New Job’.  Fill in Job information.  Click ‘Save Job’. | New Job gets added and displayed correctly in list. | Passed. |
| TS-9.1 | FR 9  Jobs Found | Check whether you can edit existing new job. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Find a Job’.  Click ‘Jobs Found’.  Click ‘Add New Job’.  Select existing job from ‘Edit and existing entry’ dropdown list.  Fill in Job information.  Click ‘Save Job’. | Job displays differently after being edited. | You have to reload app for this to work. |
| TS-9.2 | FR 9  Jobs Found | Check jobs are displayed correctly on table after being added. | Complete TS-9.0 and TS-9.1 first.  Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Find a Job’.  Click ‘Jobs Found’. | Jobs display in the correct way after being added. | Passed. |
| TS-9.3 | FR 9  Jobs Found | Check that added Job can be deleted. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Find a Job’.  Click ‘Jobs Found’.  Click ‘Add New Job’.  Select existing job from ‘Edit and existing entry’ dropdown list.  Click ‘Delete Job’. | Deleted job no longer displays. | Job doesn’t appear to delete. |
| TS-10.0 | FR 10  Action Plan | Check Action Plan page loads correctly. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Action Plan’. | Action Plan page loads. | Passed. |
| TS-10.1 | FR 10  Action Plan | Check that you can insert data into table. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Action Plan’.  Double click cell on table to insert information. Fill two rows with valid information.  Click ‘Save’. | Table responds as expected and data is added. | Passed. |
| TS-10.2 | FR 10  Action Plan | Check you can edit already input data. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Action Plan’.  Double click cell on table to insert information. Fill two rows with valid information.  Go back and edit the first row.  Click ‘Save’. | Edited data displays correctly. | Passed. |
| TS-10.3 | FR 10  Action Plan | Check you can delete Row. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Action Plan’.  Double click cell on table to insert information. Fill two rows with valid information.  Highlight entire row and press ‘Delete’ on keyboard.  Click ‘Save’. | Row deletes and no longer displays. | This doesn’t do anything. |
| TS-11.0 | FR 11  My Account | Check My Account page loads correctly. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Menu’ dropdown in top left corner.  Click ‘My Account’. | My account page displays as expected. | Passed. |
| TS-11.1 | FR 11  My Account | Check you can edit details. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Menu’ dropdown in top left corner.  Click ‘My Account’.  Edit name, email, and password.  Click ‘Save’. | Details display differently after editing. | Passed. |
| TS-11.2 | FR 11  My Account | Check that changes are not lost when app is closed. | Do TS-11.0 and TS-11.1 first.  Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Menu’ dropdown in top left corner.  Click ‘My Account’. | Details remain changed after reloading app. | Old password still in effect. |
| TS-11.3 | FR 11  My Account | Check that you can delete account. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Menu’ dropdown in top left corner.  Click ‘My Account’.  Click ‘Delete Account’. | Account deletes. | Passed. |
| TS-12.0 | FR 12  Navigation | Check that menu can be opened. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Menu’ dropdown in top left corner. | Dropdown menu opens. | Passed. |
| TS-12.1 | FR 12  Navigation | Check that home button can be executed. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Menu’ dropdown in top left corner.  Click the ‘Home’ button. | User returns to home screen, | Passed. |
| TS-12.2 | FR 12  Navigation | Check that ‘Find A Job’ button can be executed. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Menu’ dropdown in top left corner.  Click ‘Find a Job’. | User goes to Find a Job screen. | Passed. |
| TS-12.3 | FR 12  Navigation | Check that ‘Jobs Found’ button can be executed. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Menu’ dropdown in top left corner.  Click ‘Jobs Found’. | User goes to Jobs Found screen. | Passed. |
| TS12.4 | FR 12  Navigation | Check that ‘Acquire New Skills’ button can be executed. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Menu’ dropdown in top left corner.  Click ‘Acquire New Skills’. | User goes to Acquire new skills screen. | Passed. |
| TS-12.5 | FR 12  Navigation | Check that ‘Action Plan’ button can be executed. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Menu’ dropdown in top left corner.  Click ‘Action Plan’. | User goes to ‘Action Plan’ Screen. | Passed. |
| TS-12.6 | FR 12  Navigation | Check that ‘My Account’ button can be executed. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Menu’ dropdown in top left corner.  Click ‘My Account’. | User goes to My Account Screen. | Passed. |
| TS-12.7 | FR 12  Navigation | Check that the back arrow (🡨) can be executed. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Back Arrow’ in top left corner. | User goes to Home Screen. | Passed. |
| TS-12.8 | FR 12  Navigation | Check that the ‘Quit’ button can be executed. | Start Program.  Select Account to be logged into.  Type in correct password.  Click ‘Login’ button.  Click ‘Menu’ dropdown in top left corner.  Click ‘Quit’ button. | Application Closes. | Application Closes as expected. |