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|  |
| Website Requirements |
| Green Leisure Garden Centre Website |
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| Within this document is the test plan for which to ensure that all validation is working correctly. |

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# Scope

## 1.1 Identification

## System Overview

## System Requirements

Upon using the website, the system must have an active connection to the web, through either Google Chrome or Microsoft Edge. The latest version of either browser should be downloaded to allow the website to run smoothly. Although the latest version of the browser depends on the platform which it is running on, the current versions can be seen below:

|  |  |
| --- | --- |
| **Google Chrome Browser** | |
| **Platform** | **Version** |
| Windows | 65.0.3325.181 |
| MacOS | 65.0.3325.181 |
| Linux | 65.0.3325.181 |
| Android | 65.0.3325.109 |
| iOS | 65.0.3325.152 |

|  |  |
| --- | --- |
| **Microsoft Edge Browser** | |
| **Platform** | **Version** |
| Windows 10 | 41.16299.15.0 |
| Windows 10 Mobile | 40.15254.248.0 |
| Xbox One | 40.15063.0.0 |

The website is scalable, therefore meaning that it should be compatible with any screen resolution. However, the suggested is: 1920 x 1080 (1080p).

## Document Overview

# Referenced Documents

|  |  |  |  |
| --- | --- | --- | --- |
| **Ref No.** | **Title** | **Document ID** | **Issue** |
| 1 | Software Requirements Specification (MIL-STD-498) | DI-IPSC-81433 | N/A |

# Test Script

## 3.1 Login Page

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 1.0.1 | Launch the web application through Microsoft Visual Studio. The application should successfully launch and the login screen should be displayed. |  |  |
| 1.0.2 | The following boxes should be displayed with the following values:  Valid Employee Number – ‘0’  Email Address – ‘’  Password – ‘’ |  |  |

### 3.1.1 Register

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 1.1.1 | Click the link “Don’t have an account? Create one here.” Located just below the Login button. A new page should be displayed titled register. |  |  |
| 1.1.2 | The following boxes should be displayed with the corresponding values:  Employee Number – ‘’  Email – ‘’  Password – ‘’  Re-type Password – ‘’ |  |  |
| 1.1.3 | Now enter the following values in the corresponding boxes:  Employee Number – ‘000000’  Email – ‘gardencenterplustest@gmail.com’  Password – ‘test’  Re-type Password – ‘test’  Now press submit. |  |  |
| 1.1.4 | After pressing submit you should be returned to the Login screen and the boxes should now display the corresponding values:  Valid Employee Number – ‘000000’  Email Address –‘gardencenterplustest@gmail.com’  Password – ‘’ |  |  |

### 3.1.2 Login

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 1.2.1 | Now fill in the form as follows:  Valid Employee Number – ‘000000’  Email Address ‘[gardencenterplustest@gmail.com](mailto:gardencenterplustest@gmail.com)’  Password – ‘test’ |  |  |
| 1.2.2 | You should now be navigated to the main landing page. |  |  |
| 1.2.3 | Now press logoff. |  |  |
| 1.2.4 | You should now be returned to the login page which should be populated as follows:  Valid Employee Number – ‘0’  Email Address – ‘’  Password – ‘’ |  |  |

### 3.1.3 Forgotten Password

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 1.3.1 | Now click the line “Forgotten Password?”, a modal should drop down with the boxes and corresponding values:  Email Address – ‘’  Employee Id – ‘’ |  |  |
| 1.3.2 | Now populate the boxes with the corresponding values:  Email Address– ‘gardencenterplustest@gmail.com’  Employee Id – ‘000000’  And press the Send button. |  |  |
| 1.3.3 | Now in a new Chrome tab, navigate to <https://mail.google.com/> |  |  |
| 1.3.4 | When the page has loaded enter [gardencenterplustest@gmail.com](mailto:gardencenterplustest@gmail.com) into the email box and press next. |  |  |
| 1.3.5 | When the next page is displayed enter the value Password2018 into the password box and press sign in. |  |  |
| 1.3.6 | Look for the email from   |  | | --- | | **greengardencentre@gmail.com** |   And click the email, then click the link listed. |  |  |
| 1.3.7 | Now fill out the form with the following details  Email – ‘[gardencenterplustest@gmail.com](mailto:gardencenterplustest@gmail.com)’  Password – ‘Password2018’  Confirm Password – ‘Password2018’ |  |  |
| 1.3.8 | A piece of dialog should be displayed saying “your password has been reset.” Now navigate to <http://localhost:56163/> using the URL. |  |  |

## 3.2 Landing Page - Admin

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 2.0.1 | Login to the web application with the following details:  Valid Employee Number – ‘000000’  Email Address ‘[gardencenterplustest@gmail.com](mailto:gardencenterplustest@gmail.com)’  Password – ‘Password2018’ |  |  |
| 2.0.2 | The landing screen should now be displayed, in the top left most corned there should be the logo, moving to the right there should be the employee name in this case “Test Test” and next to that should be the logoff button. Bellow that there should be five tiles named:  Transactions  Customers  Inventory  Employees  Action Log  And there should be footer containing:  “© 2018 - Garden Centre” |  |  |
| 2.0.3 | Click the Transactions tile, a new page should load containing a table. |  |  |
| 2.0.4 | Now click the GardenCenter+ logo. You should now be navigated back to the landing page which should look exactly the same as step 2.1.2. |  |  |
| 2.0.5 | Click the Customers tile, a new page should be loaded again containing a table. |  |  |
| 2.0.6 | Now click the GardenCenter+ logo. You should now be navigated back to the landing page which should look exactly the same as step 2.1.2. |  |  |
| 2.0.7 | Click the Inventory tile, a new page should be loaded again containing a table. |  |  |
| 2.0.8 | Now click the GardenCenter+ logo. You should now be navigated back to the landing page which should look exactly the same as step 2.1.2. |  |  |
| 2.0.9 | Click the Employees tile, a new page should be loaded again containing a table. |  |  |
| 2.0.10 | Now click the GardenCenter+ logo. You should now be navigated back to the landing page which should look exactly the same as step 2.1.2. |  |  |
| 2.0.11 | Click the Action Log tile, a new page should be loaded again containing a table. |  |  |
| 2.0.12 | Now click the GardenCenter+ logo. You should now be navigated back to the landing page which should look exactly the same as step 2.1.2. |  |  |
| 2.0.13 | Now click logoff you should be returned to the login screen and it should look the same as in step 1.0.2. |  |  |

## 3.3 Customers Page – Admin

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 3.0.1 | Login to the web application with the following details:  Valid Employee Number – ‘000000’  Email Address ‘[gardencenterplustest@gmail.com](mailto:gardencenterplustest@gmail.com)’  Password – ‘Password2018’ |  |  |
| 3.0.2 | You should be taken to the landing page which should look exactly as it did in step 2.1.2. |  |  |
| 3.0.3 | Click the Customers button. |  |  |
| 3.0.4 | You should be taken to a page that at the top has:   * Add customers button * Search by name box * Search button * Reset Search button   In the middle displays No Results and at the bottom is a go back button. |  |  |

### 3.3.1 Add Customer

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 3.1.1 | Click the add customer button. |  |  |
| 3.1.2 | Attempt to enter the following erroneous data:  First Name – ‘Gary’  Second Name – ‘Hall’  Address Line 1 – ‘54’  Address Line 2 – ‘Hall Road’  Post Code – ‘123 456’ |  |  |
| 3.1.3 | Click the submit button, an error should appear stating “This is not a valid UK postcode. |  |  |
| 3.1.4 | Change the Post Code box to ‘HU94AB’ |  |  |
| 3.1.5 | Now click submit. |  |  |
| 3.1.6 | The modal should disappear, and the following should appear in the table:  Gary – Hall – 54 – Hall Road – hu94ab – edit and delete buttons |  |  |

### 3.3.2 Edit Customer

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 3.2.1 | Now add another customer following similar steps as in test steps 3.1.1 through to 3.1.6 with the following data:  First Name – ‘T  Second Name – ‘Murray  Address Line 1 – ‘52’  Address Line 2 – ‘Hall Road’  Post Code – ‘Hu94ab’ |  |  |
| 3.2.2 | Now click submit. |  |  |
| 3.2.3 | The modal should disappear, and the following should appear in the table below the entry for Gary Hall:  T – Murray – 52 – Hall Road – hu94ab – edit and delete buttons |  |  |
| 3.2.4 | Now click the edit button for T Murray in the operations columns. |  |  |
| 3.2.5 | A modal should appear with the following boxes and values:  First Name – ‘T  Second Name – ‘Murray  Address Line 1 – ‘52’  Address Line 2 – ‘Hall Road’  Post Code – ‘Hu94ab’ |  |  |
| 3.2.6 | Now change T in the first name box to ‘Tracey’ |  |  |
| 3.2.7 | Click submit. |  |  |
| 3.2.8 | The modal should disappear and the table row that was previously for T Murray should now be updated to say:  Tracey – Murray – 52 – Hall Road – hu94ab – edit and delete buttons |  |  |

### 3.3.3 Remove Customer

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 3.3.1 | Now add another customer following similar steps as in test steps 3.1.1 through to 3.1.6 with the following data:  First Name – ‘Phil’  Second Name – ‘Earles’  Address Line 1 – ‘50’  Address Line 2 – ‘Hall Road’  Post Code – ‘Hu94ab’ |  |  |
| 3.3.2 | Now click submit. |  |  |
| 3.3.3 | The modal should disappear, and the following should appear in the table below the entry for Tracey Murray:  Phil - Earles – 50 – Hall Road – hu94ab – edit and delete buttons. |  |  |
| 3.3.4 | Now press the delete button in the operations column for the Phil Earles entry. |  |  |
| 3.4.5 | A dialog box should appear prompting you to confirm you wish to delete. |  |  |
| 3.4.6 | Click no. |  |  |
| 3.4.7 | The dialog should disappear and the Phil Earles row should still be there. |  |  |
| 3.4.8 | Now press the delete button in the operations column for the Phil Earles entry. |  |  |
| 3.4.9 | A dialog box should appear prompting you to confirm you wish to delete. |  |  |
| 3.4.10 | Click yes. |  |  |
| 3.4.11 | The Phil Earles entry should be removed. |  |  |

### 3.3.4 Search for Customer

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 3.4.1 | Now click in the search by name box. |  |  |
| 3.4.2 | Now search for a phil. |  |  |
| 3.4.3 | No results should appear. |  |  |
| 3.4.4 | Now click reset search. |  |  |
| 3.4.5 | The view should return to the original, showing entries for Gary and Tracey. |  |  |
| 3.4.6 | Now click in the search by name box. |  |  |
| 3.4.7 | Now search for a Gary. |  |  |
| 3.4.8 | Only the entry for Gary should be shown. |  |  |
| 3.4.9 | Now click reset search. |  |  |
| 3.4.10 | The view should return to the original, showing entries for Gary and Tracey. |  |  |
| 3.4.11 | Now click logoff you should be returned to the login screen and it should look the same as in step 1.0.2. |  |  |

## 3.4 Inventory Page – Admin

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 4.0.1 | Login to the web application with the following details:  Valid Employee Number – ‘000000’  Email Address ‘[gardencenterplustest@gmail.com](mailto:gardencenterplustest@gmail.com)’  Password – ‘Password2018’ |  |  |
| 4.0.2 | You should be taken to the landing page which should look exactly as it did in step 2.1.2. |  |  |
| 4.0.3 | Click the Inventory button. |  |  |
| 4.0.4 | A new page should be displayed with only the button New Item in the top left. |  |  |

### 3.4.1 Add Item

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 4.1.1 | Click the new items button |  |  |
| 4.1.2 | A form should slide down below the button. |  |  |
| 4.1.3 | The following fields should be displayed they should all be blank:  Description  ItemPrice  Stock  OnOrder |  |  |
| 4.1.4 | Now enter the following in the fields:  Description – ‘123’  Item Price – ‘-20’  Stock – ‘-3’  OnOrder – ‘-10’ |  |  |
| 4.1.5 | The following messages should be displayed below the relevant field:  Description – Please only use letters and spaces within the item name  Item Price – Please enter a monetary value greater than zero  Stock – Please enter a whole number greater than or equal to zero  On Order – Please enter a whole number greater than or equal to zero. |  |  |
| 4.1.6 | Now change the fields to the following:  Description – ‘Shovel’  Item Price – ‘20’  Stock – ‘3’  OnOrder – ‘10’ |  |  |
| 4.1.7 | Now press cancel. |  |  |
| 4.1.8 | The form should disappear. |  |  |
| 4.1.9 | Now click the new item button again. |  |  |
| 4.1.10 | A form should slide down below the button. |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 4.1.11 | The following fields should be displayed they should all be blank:  Description  ItemPrice  Stock  OnOrder |  |  |
| 4.1.12 | Now change the fields to the following:  Description – ‘Shovel’  Item Price – ‘20’  Stock – ‘3’  OnOrder – ‘10’ |  |  |
| 4.1.13 | Now press the submit button. |  |  |
| 4.1.14 | A success message should be displayed. |  |  |
| 4.1.15 | There should now be a table in the middle of the page with a single entry in it in the following format:  Item Id – Shovel - £20 – 3 – 10 – 0 – Edit button in actions column |  |  |

### 3.4.2 Edit Item

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 4.2.1 | Hover over the edit button. |  |  |
| 4.2.2 | A message should be displayed stating that this will edit the properties of the item. |  |  |
| 4.2.3 | Click the new item button. |  |  |
| 4.2.4 | The following fields should be displayed they should all be blank:  Description  ItemPrice  Stock  OnOrder |  |  |
| 4.2.5 | Now change the fields to the following:  Description – ‘Pond  Item Price – ‘250’  Stock – ‘1’  OnOrder – ‘5’ |  |  |
| 4.2.6 | Now click save. |  |  |
| 4.2.7 | There should now be a second entry in the table in it in the following format:  Item Id – Pond - £250 – 1 – 5 – 0 – Edit button in actions column |  |  |
| 4.2.8 | Now click the edit button for the Shovel entry. |  |  |
| 4.2.9 | A form should slide down between the two rows and display the following fields:  Description – ‘Shovel’  Stock – ‘3’  OnOrder – ‘10’ |  |  |
| 4.2.10 | Now change the Description field to ‘123’ |  |  |
| 4.2.11 | The following message “Please only use letters and spaces within the item name” should be displayed below the field. |  |  |
| 4.2.12 | Now change the Description field to ‘Heavy Duty Shovel” |  |  |
| 4.2.13 | Now press save. |  |  |
| 4.2.14 | The shovel entry should now be updated to display:  Item Id – Heavy Duty Shovel - £20 – 3 – 10 – 0 – Edit button in actions column |  |  |

### 3.4.3 Search Inventory

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 4.3.1 | Click on the drop down menu that says Item ID by default. |  |  |
| 4.3.2 | A list of options consisting of:  Item ID  Name  Price  Stock  On Order  Sold  Should be displayed |  |  |
| 4.3.3 | Now select name |  |  |
| 4.3.4 | The search box should now be selected, type in pond |  |  |
| 4.3.5 | Only the pond entry should be displayed, the other entry should disappear after pressing p |  |  |
| 4.3.6 | Now press the clear button. |  |  |
| 4.3.7 | The table should now display both entries again. |  |  |
| 4.3.8 | The Search box should only display the “Search…” in light grey writing. |  |  |
| 4.3.9 | Now change the drop down to the price option |  |  |
| 4.3.10 | The search box should now be selected, type in 2 |  |  |
| 4.3.11 | Both entries should still be visible |  |  |
| 4.3.12 | Now press 5 so the search box holds the value ‘25’ |  |  |
| 4.3.13 | The entry for Heavy Duty Shovel should now have disappeared |  |  |
| 4.3.14 | Now click the clear button |  |  |
| 4.3.15 | Both entries should be visible again. |  |  |

### 3.4.4 Inventory Paging

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 4.4.1 | Using the new item form add 10 items with the following values:  Description – ‘A’ through to ‘J’ for the tenth item.  Item Price – ‘1’  Stock – ‘1’  OnOrder – ‘0’ |  |  |
| 4.4.2 | The table should now display 10 entries:  Heavy Duty Shovel  Pond  A  B  C  D  E  F  G  H |  |  |
| 4.4.3 | Click the next button. |  |  |
| 4.4.4 | Two entries should be displayed fo:  I  J |  |  |
| 4.4.5 | Now click the Prev button |  |  |
| 4.4.6 | The table should now display 10 entries:  Heavy Duty Spade  Pond  A  B  C  D  E  F  G  H |  |  |
| 4.4.7 | Now click the drop down menu next to the next button and select 5 |  |  |
| 4.4.8 | Now only 5 entries for the following should be displayed:  Heavy Duty Shovel  Pond  A  B  C |  |  |
| 4.4.9 | Now click next |  |  |
| 4.4.10 | 5 entries for the following should be displayed:  D  E  F  G  H |  |  |
| 4.4.11 | Now click next |  |  |
| 4.4.12 | 2 entries for the following should be displayed:  I  J |  |  |
| 4.4.13 | Now click logoff you should be returned to the login screen and it should look the same as in step 1.0.2. |  |  |

## 3.5 Transactions Page - Admin

### 3.5.1 Add Transaction

### 3.5.2 Edit Transaction

### 3.5.3 Delete Transaction

## 3.6 Employees Page - Admin

### 3.6.1 Add Employee

### 3.6.2 Edit Employee

### 3.6.3 Delete Employee

## 3.7 Action Log Page - Admin

# Notes

## 4.1 Glossary

|  |  |
| --- | --- |
| **Term** | **Definition** |
| GLGCW | Green Leisure Garden Centre Website. |