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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

This document details the Software Requirements (SR) for the Green Leisure Garden Centre website (GLGCW). The requirements will be displayed by layout of the different web pages within the website, and will also be apportioned through functionality needs that are present.

## System Overview

The Green Leisure Garden Centre website is a web application, which has the intended purpose of replacing the old DOS based program, which the Garden Centre is currently using. The primary aim of the Green Leisure Garden Centre website is to allow the business to manage their customer: database, inventory and sales order processing in a more efficient and competent way. It will replace the existing design and functionality that their previous system incorporated, along with offering additional features.

The System will require an employee with Admin rights to initially add someone to the database, before they’re then provided with an employee number, and thus able to create an account and access the features within the website.

The website will provide a number of different functions and features for employees, including:

* Register an account/Log in
* Remote access
* Add, edit, delete and search data
* Place orders
* Check stock levels
* Handle employee and customer details

The website will be simple and understandable to use, with features which greatly consider HCI.

## 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

This Software Test Description

# Referenced Documents

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

# Definition of Terms

This section contains the definitions of the terms used when specifying the requirements for the Green Leisure Garden Centre Website. Use of the words: ‘may’, ‘must’, ‘shall’, ‘should’ and ‘will’ within the specification of the requirements, observes the following rules:

|  |  |
| --- | --- |
| **Term** | **Definition** |
| May | The word ‘may’ within this document, expresses a permissible practice or action. Although it may be desired, it does not express a requirement of the specification for the website. |
| Must | The word ‘must’ within this document is used for a legislative or regulatory requirement – such as a Health & Safety priority, and must therefore be complied with. It is not used to express a requirement of the specification for the website; however it is a precondition. |
| Shall | The word ‘shall’ within this document is used to express a mandatory requirement of the specification for the website. Departure from said requirement is not permitted unless a formal agreement has been acknowledged with our lecturer. |
| Should | The word ‘should’ within this document, expresses a recommendation or advice on implementing a requirement as such, in the specification for the website. Such recommendations or advice will be followed and thus included within the website, unless later instructed not to – or valid reasons can be given as to why this has not been included. |
| Will | The word ‘will’ within this document, exclaims a service which will be provided by the website – as per a requirement included within the specification. |

# Test Plan

## 4.1 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 – ‘’ |  |  |

### 4.1.1 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 – ‘’ |  |  |

### 4.1.2 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 – ‘’ |  |  |

### 4.1.3 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. |  |  |

## 4.2 Landing Page - Admin

|  |  |  |  |
| --- | --- | --- | --- |
| Step | Description | Pass or Fail (P/F) | Traceability |
| 2.1.1 | Login to the web application with the following details:  Valid Employee Number – ‘000000’  Email Address ‘[gardencenterplustest@gmail.com](mailto:gardencenterplustest@gmail.com)’  Password – ‘Password2018’ |  |  |
| 2.1.2 | 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” |  |  |
| 2.1.3 | Click the Transactions tile, a new page should load containing a table. |  |  |
| 2.1.4 | 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. |  |  |
| 2.1.5 | Click the Customers tile, a new page should be loaded again containing a table. |  |  |
| 2.1.6 | 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. |  |  |
| 2.1.7 | Click the Inventory tile, a new page should be loaded again containing a table. |  |  |
| 2.1.8 | 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. |  |  |
| 2.1.9 | Click the Employees tile, a new page should be loaded again containing a table. |  |  |
| 2.1.10 | 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. |  |  |
| 2.1.11 | Click the Action Log tile, a new page should be loaded again containing a table. |  |  |
| 2.1.12 | 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. |  |  |

## 4.3 Customers Page - Admin

### 4.3.1 Add Customer

### 4.3.2 Edit Customer

### 4.3.3 Remove Customer

## 4.4 Inventory Page - Admin

### 4.4.1 Add Item

### 4.4.2 Edit Item

## 4.5 Transaction Page - Admin

### 4.5.1 Add Transaction

### 4.5.2 Edit Transaction

## 4.6 Employee Page - Admin

### 4.6.1 Add Employee

### 4.6.2 Edit Employee

### 4.6.3 Delete Employee

## 4.7 Action Log Page - Admin

### 4.7.1 View Action

### 4.7.2 Edit Employee

### 4.7.3 Delete Employee

# Notes

## 5.1 Glossary

|  |  |
| --- | --- |
| **Term** | **Definition** |
| GLGCW | Green Leisure Garden Centre Website. |
| Remote Access | Able to be accessed from anywhere on the web. |
| HCI | Human Computer Interaction. |
| Amin Privileges | Extended access to features within the site, such as adding an employee to the system. |
| MIL-STD-498 | The military standard from which this document is derived. |
| DOS | Disk Operating System. |