[](https://www.google.rs/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&ved=0ahUKEwjT_fKqiOHMAhWDuhQKHdK8BlwQjRwIBw&url=http://devtechgroup.com/&psig=AFQjCNGwAUF6tdKqHHLjD_PZxPqwpIfohw&ust=1463572940867936&cad=rjt)

|  |
| --- |
| **Internal Automation Project for Devtech web site** |
| Test Plan |

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| Date | Ver. | Description | Author |
| 19.5.2016 | 1.0 |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Products and versions**

This document was created taking in account following products versions:

* Devtechgroup web page

Table of Contents

[1 INRTODUCTION 4](#_Toc451434792)

[**1.1 Description** 4](#_Toc451434793)

[**1.2 Audiences & Roles** 4](#_Toc451434794)

[2 ENVIROMENTAL REQUIREMENTS 4](#_Toc451434795)

[3 FEATURE LIST/FEATURES TO BE TESTED 4](#_Toc451434796)

[3.1 **Customer use cases** 4](#_Toc451434797)

[4 FEATURES NOT TO BE TESTED 4](#_Toc451434798)

[5 APPROACH 5](#_Toc451434799)

[**5.1 Entrance Criteria** 5](#_Toc451434800)

[**5.2 Testing types** 5](#_Toc451434801)

[**5.3 Pass / Fail Criteria** 5](#_Toc451434802)

[**5.4 Suspension** 5](#_Toc451434803)

[**5.5 Resumption Criteria** 6](#_Toc451434804)

[**5.6 Test Completeness** 6](#_Toc451434805)

[6 TESTING SCHEDULE/MILESTONES/DEADLINES 6](#_Toc451434806)

[7 APPENDIX 7](#_Toc451434807)

[**7.1 List of test cases** 7](#_Toc451434808)

[7.2 Customer test cases 8](#_Toc451434809)

[7.2.1 Navigation test cases 8](#_Toc451434810)

[7.2.2 Download check test cases 17](#_Toc451434811)

[8 REVIEW 19](#_Toc451434812)

[**8.1 Comments** 19](#_Toc451434813)

# 1 INRTODUCTION

## **1.1 Description**

This document describes a test plan for conducting usability test for Devtechgroup web page. It describes the testing strategy and approach to testing QA will use to validate the quality of Devtechgroup web page.

Usability testing goals:

* To determine if navigation through web pages is easy to use and do all links work correctly.

Specific measurable goals for the usability evaluation are outlined in the Test Completeness section of this document.

## **1.2 Audiences & Roles**

**DEVTECH Limited** – responsible for creating the Devtechgroup web page and overall test plan strategy for Usability testing the Devtechgroup web page.

# 2 ENVIROMENTAL REQUIREMENTS

**2.1 Software/Platform used**

* Windows 10 Professional
* Firefox Mozilla Version 46.0.1

# 3 FEATURE LIST/FEATURES TO BE TESTED

The features to be tested of the Devtechgroup web page is as follows:

## 3.1 **Customer use cases**

Customer action on Devtechgroup web page include:

* Navigation through the pages
* Requesting a demo on vPoint web page
* Download TaaS podcast transcript from Team as a service web page
* Download Whitepaper from Our services web page
* Checking on social media links

# 4 FEATURES NOT TO BE TESTED

The following features are not included:

None.

# 5 APPROACH

Testing will be performed from a black-box approach, not based on any knowledge of internal design or code.

Testing types used will be automation testing.

## **5.1 Entrance Criteria**

* All business requirements are documented and approved by Project Manager.
* Al design specifications have been reviewed and approved.
* Unit testing has been completed by the development team.
* Al hardware need for the test environment is available.
* The application delivered to the test environment is of reliable quality.

## **5.2 Testing types**

Different techniques will be used at different stages of an application’s development.

***Automation testing***

Automation testing will be used to test the Devtechgroup web page after fixes and major changes to functionalities to ensure integration’s overall quality.

## 

## **5.3 Pass / Fail Criteria**

The purpose of testing is to ensure the application meets all of its requirements, or the use cases.

If a test shows a product failure to meet the objectives of any of the requirements, or the use cases, it will fail and defect/issue will be reported in the defect tracking system for review by the development team.

## **5.4 Suspension**

If any defects are found which seriously impact the test progress, the Software Tester may choose to suspend testing.

Criteria that will justify test suspension:

* Web page platform offline.
* Source code contains one or more critical defects, which seriously prevents or limits testing progress.
* Assigned test resources are not available when needed by the test team.

## **5.5 Resumption Criteria**

If testing is suspended, resumption will only occur when the problem(s) that caused the suspension has been resolved. When a critical defect is the cause of the suspension, the “FIX” must be verified by the test team before testing is resumed.

## **5.6 Test Completeness**

Testing will be considered complete when the following goals have been met:

* Application has consistent behavior.
* All test scenarios have been completed successfully without difficulty.
* Each functionality successfully verified to remain consistent with requirements or within acceptable standard.
* Response time to retrieve data or to process data is acceptable.
* Application behaves consistently across all major browsers such as Chrome, Internet Explorer, Firefox.

# 6 TESTING SCHEDULE/MILESTONES/DEADLINES

The deliverables of the test activities as defined in this Test Plan are outlined in the table below.

e.g.

|  |  |  |
| --- | --- | --- |
| **Deliverable** | **Responsibility** | **Completion Date** |
| Test Plan | Software Tester |  |
| Running the tests | Software Tester |  |
| Analyzing data | Project Manager, Dev. Lead, Software Testers |  |

7 **APPENDIX**

## **7.1 List of test cases**

[7.2 Customer test cases 8](#_Toc451438721)

[7.2.1 Navigation test cases 8](#_Toc451438722)

[Go to Home page clicking on the Devtech logo 8](#_Toc451438723)

[Go to cloud integration web page 8](#_Toc451438724)

[Go to cloud migration web page 9](#_Toc451438725)

[Go to cloud operational support web page 9](#_Toc451438726)

[Go to project based engagement web page 10](#_Toc451438727)

[Go to team as a service web page 10](#_Toc451438728)

[Go to our processes web page 11](#_Toc451438729)

[Go to vPoint web page 11](#_Toc451438730)

[Go to vPoint support web page 12](#_Toc451438731)

[Go to company overview web page 12](#_Toc451438732)

[Go to management team web page 13](#_Toc451438733)

[Go to careers web page 13](#_Toc451438734)

[Vacant positions button 14](#_Toc451438735)

[Go to contact us web page 14](#_Toc451438736)

[Go to devtechgroup linkedin profile 15](#_Toc451438737)

[Go to devtechgroup twitter profile 15](#_Toc451438738)

[Go to devtechgroup facebook profile 16](#_Toc451438739)

[Go to devtechgroup google+ profile 16](#_Toc451438740)

[7.2.2 Download check test cases 17](#_Toc451438741)

[Download TaaS podcast transcript 17](#_Toc451438742)

[Download Devtech\_Structures\_And\_Processes 17](#_Toc451438743)

[**Request a demo from vPoint web page** 18](#_Toc451438744)

7.2 Customer test cases

7.2.1 Navigation test cases

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to Home page clicking on the Devtech logo |
| Requirement Description: | | Customers should be able to access home page | |
| Test Purpose: | | Verifying that home page is accessible. | |
| Pre-conditions: | | Devtech logo should be loaded in the header | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Click on the **Devtech logo**. | |
| Expected Results: | | “Devtechgroup” home page should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to cloud integration web page |
| Requirement Description: | | Customers should be able to access cloud integration web page | |
| Test Purpose: | | Verifying that cloud integration web page is accessible. | |
| Pre-conditions: | | When you hover mouse over **Services** menu item, drop-down list with **Cloud integration** link should appear | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Go to the **Services** tab. 3. Click on **Cloud integration** link from a drop down menu. | |
| Expected Results: | | “Cloud integration” web page should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to cloud migration web page |
| Requirement Description: | | Customers should be able to access cloud migration web page | |
| Test Purpose: | | Verifying that cloud migration web page is accessible. | |
| Pre-conditions: | | When you hover mouse over **Services** menu item, drop-down list with **Cloud migration** link should appear | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Go to the **Services** tab. 3. Click on **Cloud migration** link from a drop down menu. | |
| Expected Results: | | “Contact us” web page should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to cloud operational support web page |
| Requirement Description: | | Customers should be able to access cloud operation support web page | |
| Test Purpose: | | Verifying that cloud operational web page is accessible. | |
| Pre-conditions: | | When you hover mouse over **Services** menu item, drop-down list with **Cloud operational support** link should appear | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Go to the **Services** tab. 3. Click on **Cloud operational support** link from a drop down menu. | |
| Expected Results: | | “Contact us” web page should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to project based engagement web page |
| Requirement Description: | | Customers should be able to access project based engagement web page | |
| Test Purpose: | | Verifying that project based engagement web page is accessible. | |
| Pre-conditions: | | When you hover mouse over **Services** menu item, drop-down list with **Service delivery** item should appear. When you hover mouse over **Service delivery** item, new drop-down list with **Project based** link should appear. | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Go to the **Services** tab. 3. Select **Service delivery** itemfrom a drop down menu 4. Click on **Project based** link from a drop down menu. | |
| Expected Results: | | “Project based engagement” web page should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to team as a service web page |
| Requirement Description: | | Customers should be able to access Team as a service web page | |
| Test Purpose: | | Verifying that Team as a service web page is accessible. | |
| Pre-conditions: | | When you hover mouse over **Services** menu item, drop-down list with **Service delivery** item should appear. When you hover mouse over **Service delivery** item, new drop-down list with **Team as a service** link should appear. | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Go to the **Services** tab. 3. Select **Service delivery** itemfrom a drop down menu 4. Click on **Team as a service** link from a drop down menu. | |
| Expected Results: | | “Team as a service” web page should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to our processes web page |
| Requirement Description: | | Customers should be able to access Our Processes web page | |
| Test Purpose: | | Verifying that Our processes web page is accessible. | |
| Pre-conditions: | | When you hover mouse over **Services** menu item, drop-down list with **Service delivery** item should appear. When you hover mouse over **Service delivery** item, new drop-down list with **Our** **processes** link should appear. | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Go to the **Services** tab. 3. Select **Service delivery** itemfrom a drop down menu 4. Click on **Our processes** link from a drop down menu. | |
| Expected Results: | | “Our processes” web page should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to vPoint web page |
| Requirement Description: | | Customers should be able to access vPoint web page | |
| Test Purpose: | | Verifying that vPoint web page is accessible. | |
| Pre-conditions: | | When you hover mouse over **Products** menu item, drop-down list with **vPoint** link should appear | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Go to the **Products** tab. 3. Click on **vPoint** from a drop down menu. | |
| Expected Results: | | “vPoint” web page should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to vPoint support web page |
| Requirement Description: | | Customers should be able to access vPoint support web page | |
| Test Purpose: | | Verifying that vPoint support web page is accessible. | |
| Pre-conditions: | | When you hover mouse over **Products** menu item, drop-down list with **vPoint** **support** link should appear | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Go to the **Products** tab. 3. Click on **vPoint support** from a drop down menu. | |
| Expected Results: | | “vPoint support” web page should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to company overview web page |
| Requirement Description: | | Customers should be able to access Company overview web page | |
| Test Purpose: | | Verifying that Company overview web page is accessible. | |
| Pre-conditions: | | When you hover mouse over **About us** menu item, drop-down list with **Company overview** link should appear | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Go to the **About us** tab. 3. Click on **Company overview** from a drop down menu. | |
| Expected Results: | | “Company overview” web page should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to management team web page |
| Requirement Description: | | Customers should be able to access Management team web page | |
| Test Purpose: | | Verifying that Management team web page is accessible. | |
| Pre-conditions: | | When you hover mouse over **About us** menu item, drop-down list with **Management team** link should appear | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Go to the **About us** tab. 3. Click on **Management team** from a drop down menu. | |
| Expected Results: | | “Management team” web page should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to careers web page |
| Requirement Description: | | Customers should be able to access Careers web page | |
| Test Purpose: | | Verifying that Careers web page is accessible. | |
| Pre-conditions: | | **Careers** menu item is linked to Careers web page | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Click on the **Careers** tab. | |
| Expected Results: | | “Careers” web page should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Vacant positions button |
| Requirement Description: | | Clicking on vacant positions button should scroll down the web page to vacant positions list | |
| Test Purpose: | | Verifying that Vacant positions button works. | |
| Pre-conditions: | | **Careers** web page is opened | |
| Procedure: | | 1. Go to Careers page. 2. Click on **Vacant positions** button. | |
| Expected Results: | | Clicking on Vacant positions button should scroll down the web page to vacant positions list. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to contact us web page |
| Requirement Description: | | Customers should be able to access Contact us web page | |
| Test Purpose: | | Verifying that Contact us web page is accessible. | |
| Pre-conditions: | | **Contact** menu item is linked to Contact us web page | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Click on the **Contact** tab. | |
| Expected Results: | | “Contact us” web page should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to devtechgroup linkedin profile |
| Requirement Description: | | Customers should be redirected to Devtechgroup LinkedIn profile | |
| Test Purpose: | | Verifying that LinkedIn link works correctly. | |
| Pre-conditions: | | Footer with social media icons should be loaded and icons should be clickable | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Click on the **LinkedIn** icon in the footer. | |
| Expected Results: | | Devtechgroup LinkedIn profile should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to devtechgroup twitter profile |
| Requirement Description: | | Customers should be redirected to Devtechgroup Twitter profile | |
| Test Purpose: | | Verifying that Twitter link works correctly. | |
| Pre-conditions: | | Footer with social media icons should be loaded and icons should be clickable. | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Click on the **Twitter** icon in the footer. | |
| Expected Results: | | Devtechgroup Twitter profile should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to devtechgroup facebook profile |
| Requirement Description: | | Customers should be redirected to Devtechgroup Facebook profile | |
| Test Purpose: | | Verifying that Facebook link works correctly. | |
| Pre-conditions: | | Footer with social media icons should be loaded and icons should be clickable. | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Click on the **Facebook** icon in the footer. | |
| Expected Results: | | Devtechgroup Facebook profile should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Go to devtechgroup google+ profile |
| Requirement Description: | | Customers should be redirected to Devtechgroup Google+ profile | |
| Test Purpose: | | Verifying that Google+ link works correctly. | |
| Pre-conditions: | | Footer with social media icons should be loaded and icons should be clickable. | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Click on the **Google+** icon in the footer. | |
| Expected Results: | | Devtechgroup Google+ profile should open. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

7.2.2 Download check test cases

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Download TaaS podcast transcript |
| Requirement Description: | | Customers should be able to download TaaS podcast transcript | |
| Test Purpose: | | Verifying that TaaS podcast transcript is available for download. | |
| Pre-conditions: | | When you hover mouse over **Download our TaaS Podcast Transcript** side-holder, drop-down list with download link should appear. | |
| Procedure: | | 1. Go to **Team as a service** page. 2. Hover mouse over **Download our TaaS Podcast Transcript** side-holder. 3. Click on **Download our Taas Podcast Transcript 1** | |
| Expected Results: | | Podcast\_Transcript.pdf should open within a new web page. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

|  |  |  |  |
| --- | --- | --- | --- |
| Test #: |  | Test Case Title: | Download Devtech\_Structures\_And\_Processes |
| Requirement Description: | | Customers should be able to download **Devtech\_Structures\_And\_Processes** | |
| Test Purpose: | | Verifying that **Devtech\_Structures\_And\_Processes** is available for download. | |
| Pre-conditions: | | When you hover mouse over **Download our whitepaper** side-holder, drop-down list with download link should appear. | |
| Procedure: | | 1. Go to **Our processes** web page. 2. Hover mouse over **Download our Whitepaper** side-holder. 3. Click on **Download our Whitepaper** | |
| Expected Results: | | Devtech\_Structures\_And\_Processes.pdf should open within a new web page. | |
| Tested By: | |  | |
| Special Instructions: | |  | |
| Test #: |  | **Test Case Title:** | **Request a demo from vPoint web page** |
| Requirement Description: | | Customers should be able to request a demo from vPoint web page | |
| Test Purpose: | | Verifying that vPoint demo can be requested. | |
| Pre-conditions: | | When you hover mouse over **Products** menu item, drop-down list with **vPoint** link should appear | |
| Procedure: | | 1. Go to Devtechgroup home page. 2. Go to the **Products** tab. 3. Click on **vPoint** from a drop down menu. 4. Click on **Request a demo** button. 5. Fill a submit form. 6. Click on **Submit** button. | |
| Expected Results: | | Demo should be requested. | |
| Tested By: | |  | |
| Special Instructions: | |  | |

# 8 REVIEW

I have reviewed this document, agree with its content and approve the test plan

|  |  |  |
| --- | --- | --- |
| **Name (Print)** | **Signature** | **Date** |
|  |  |  |
|  |  |  |
|  |  |  |

## **8.1 Comments**

|  |  |
| --- | --- |
| **Item** | **Description** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |