Telnyx
Test Plan

INTRODUCTION

This document describes the methods and procedures that will be used in the testing process of the web-site. It describes the procedure of the testing process. The objective of the testing activities is to check functions and features of the web-site.

Scope

The following components and functions would be tested:

1. Verify the text on the Explore Messaging link.

2. Verify the text on the "Purchase Numbers with our API" page.

3. Verify the text on the "Calculator" page.

4. "Integration Marketplace" link and Search input.

5. Take a screenshot of the "Setup Media Storage" page.

6. Verify the text on the "Development" page.

7. The "Report Abuse" form.

8. Verify the text on the "Compliance" link.

9. Verify the link of the "Telnyx adds AnchorSite™ Point of Presence in Miami" page.

10. Take a screenshot of the "private LTE networks" page.

11. Take a screenshot of the "VIDEO: How to Build a Call Center with Python and TeXML" page.

12. Verify the text on the "Guide" page.

13. Take a screenshot of the buttons on "Developer Docs" page.

14. Verify the text on the Net button.

15. Take a screenshot of the "Toll-Free Numbers" page.

Quality Objective

A primary objective of testing application systems is to: assure that the system meets the full requirements. At the end of the project development cycle, the user should find that the project has met or exceeded all of their expectations as detailed in the requirements.

Any changes, additions, or deletions to the requirements document, Functional Specification, or Design Specification will be documented and tested at the highest level of quality allowed within the remaining time of the project and within the ability of the test team.

The secondary objective of testing application systems will be to: identify and expose all issues and associated risks, communicate all known issues to the project team, and ensure that all issues are addressed in an appropriate matter before release. As an objective, this requires careful and methodical testing of the application to first ensure all areas of the system are scrutinized and, consequently, all issues (bugs) found are dealt with appropriately.

Roles and Responsibilities

Detail description of the Roles and responsibilities of different team members like Tester, Test Manager and others.

TEST METHODOLOGY

Overview

The purpose of the Test Plan is to achieve the following:

•	Define testing strategies for each area and sub-area to include all the functional and quality (non-functional) requirements.

•	Identify testing risks.

•	Identify required resources and related information.

Test Levels

Test Levels define the Types of Testing to be executed on the Application Under Test (AUT). The Testing Levels primarily depends on the scope of the project, time and budget constraints.

Bug Triage

Bug Triages will be held throughout all phases of the development cycle. Bug triages will be the responsibility of the Test Lead. Triages will be held on a regular basis with the time frame being determined by the bug find rate and project schedules.

The purpose of the triage is to determine the type of resolution for each bug and to prioritize and determine a schedule for all "To Be Fixed Bugs'.

Test Completeness

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

Standard Conditions:

•	When Adopters and Developers, agree that testing is complete, the app is stable, and agree that the application meets functional requirements.

•	Script execution of all test cases in all areas have passed.

•	Automated test cases have in all areas have passed.

•	All priority 1 and 2 bugs have been resolved and closed.

•	NCI approves the test completion

- Each test area has been signed off as completed by the Test Lead.

- 50% of all resolved severity 1 and 2 bugs have been successfully re-regressed as final validation.

- Ad hoc testing in all areas has been completed.

REVISIONS HISTORY

Revision No.	Date of Issue	Author	Description
1	14.08.2022	Diana Voitsekhovska	Create test cases and implement these tests in cypress+ cucumber.
2	15.08.2022	Diana Voitsekhovska	Deploy tests to GitHub, launch a pipeline, create different configfile and deploy the report to GitHub Pages.

TEST CASES

Number	Action	Expected result	Test result
1	**Verify the text on the Explore Messaging link.**		
	Steps:		
1.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
1.2	Click on the "Network" link.	The "Network" link is clicked and the page of network is opened.	Passed
1.3	Scroll into "Competitor Networks" Button.	The "Competitor Networks" Button is visible.	Passed
1.4	Click on the "Competitor Networks" Button.	The "Competitor Networks" Button is clicked.	Passed
1.5	Scroll into "Explore Messaging" link.	The "Explore Messaging" link is visible.	Passed
1.6	Click on the "Explore Messaging" link.	The "Explore Messaging" link is clicked and the page of explore messaging is opened.	Passed
1.7	Scroll into "Send mission-critical messages with confidence" text.	The text "Send mission-critical messages with confidence" is visible.	Passed

1.8	Verify the text on the page.	The text on the page is correct.	Passed
2	**Verify the text on the "Purchase Numbers with our API" page.**		
	Steps:		
2.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
2.2	Click on the "See all Solution" link.	The "See all Solution" link is clicked and the link is opened.	Passed
2.3	Scroll into "Explore UCaaS Solutions" link.	The "Explore UCaaS Solutions" link is visible.	Passed
2.4	Click on the "Explore UCaaS Solutions" link.	The "Explore UCaaS Solutions" link is clicked and the link is opened.	Passed
2.5	Scroll into "Purchase Numbers with our API →" link and click.	The "Purchase Numbers with our API →" link is visible and clicked.	Passed
2.6	Scroll into "Run in Postman" button.	The "Run in Postman" button is visible.	Passed
2.7	Verify the text on the page.	The text on the page is correct.	Passed
3	**Verify the text on the "Calculator" page.**		
	Steps:		
3.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
3.2	Click on the "Savings Calculator" link.	The "Savings Calculator" link is clicked and the page with calculator is opened.	Passed
3.3	Scroll into "Messaging API" button.	The "Messaging API" button is visible.	Passed
3.4	Click on the "Messaging API" button.	The "Messaging API" button is clicked.	Passed
3.5	Click on the "Continue" button.	The "Continue" button is clicked.	Passed
3.6	Click on the "+" buttons.	The "+" buttons are clicked.	Passed

3.7	Click on the "Continue" button.	The "Continue" button is clicked.	Passed
3.8	Verify the text on the page.	The text on the page is correct.	Passed
4	**"Integration Marketplace" link and Search input.**		
	Steps:		
4.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
4.2	Click on the "Integrations" link.	The ""Integrations" link is clicked and the link is opened.	Passed
4.3	Scroll into "Integration Marketplace" link.	The "Integration Marketplace" link is visible.	Passed
4.4	Click on the "Integration Marketplace" link.	The "Integration Marketplace" link is clicked and the link is opened.	Passed
4.5	Click on the Search input and fill the text.	The Search input is clicked and text is filled.	Passed
4.6	Click on search query.	The search query is clicked.	Passed
4.7	Verify the text on the page.	The text is correct.	Passed
5	**Take a screenshot of the "Setup Media Storage" page.**		
	Steps:		
5.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
5.2	Click on the "Developer Docs" link.	The "Developer Docs" link is clicked and the link is opened.	Passed
5.3	Click on the "Docs" button.	The "Docs" button is clicked.	Passed
5.4	Click on the "Media" link.	The link is opened.	Passed
5.5	Click on the "Setup Media Storage" button.	The "Setup Media Storage" button is clicked and the page of quickstart is opened.	Passed
5.6	Take a screenshot.	The screenshot is saved.	Passed

6	Verify the text on the "Development" page.		
	Steps:		
6.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
6.2	Click on the "Developer Docs" link.	The "Developer Docs" link is clicked and the link is opened.	Passed
6.3	Click on the "Docs" button.	The "Docs" button is clicked.	Passed
6.4	Scroll into "Development" link.	The "Development" link is visible.	Passed
6.5	Click on the "Development" link.	The "Development" link is clicked and the link is opened.	Passed
6.6	Click on the "SDK Setup" button.	The "SDK Setup" button is clicked.	Passed
6.7	Click on the "PHP" button.	The "PHP" button is clicked.	Passed
6.8	Verify the text on the page.	The text on the page is correct.	Passed
7	The "Report Abuse" form.		
	Steps:		
7.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
7.2	Scroll into "Report Abuse" link.	The "Report Abuse" link is visible.	Passed
7.3	Click on the "Report Abuse" link.	The "Report Abuse" link is opened.	Passed
7.4	Fill the fields of the form.	The fields are filled.	Passed
7.5	Click on the Submit button.	The Submit button is clicked.	Passed
7.6	Take a screenshot of the form.	The text screenshot is saved.	Passed
8	Verify the text on the "Compliance" link.		
	Steps:		
8.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
8.2	Scroll into "Data & Privacy" link.	The "Data & Privacy" link is visible.	Passed

8.3	Click on the "Data & Privacy" link.	The "Data & Privacy" link is clicked and the link is opened.	Passed
8.4	Click on the "Compliance" link.	The "Compliance" link is clicked and opened.	Passed
8.5	Scroll into "Step 1: Know your transfer" button.	The "Step 1: Know your transfer" button is visible.	Passed
8.6	Click on the "Step 1: Know your transfer" button.	The "Step 1: Know your transfer" button is clicked.	Passed
8.7	Verify the text on the page.	The text on the page is correct.	Passed
9	**Verify the link of the "Telnyx adds AnchorSite™ Point of Presence in Miami" page.**		
	Steps:		
9.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
9.2	Scroll into "Release Notes" link.	The "Release Notes" link is visible.	Passed
9.3	Click on the "Release Notes" link.	The "Release Notes" link is clicked and opened.	Passed
9.4	Scroll into "Telnyx adds AnchorSite™ Point of Presence in Miami" link.	The "Telnyx adds AnchorSite™ Point of Presence in Miami" is visible.	Passed
9.5	Click on the "Telnyx adds AnchorSite™ Point of Presence in Miami" link.	The "Telnyx adds AnchorSite™ Point of Presence in Miami" link is clicked and opened.	Passed
9.6	Verify the link of the page.	The link of the page is correct.	Passed
10	**Take a screenshot of the "private LTE networks" page.**		
	Steps:		
10.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed

10.2	Click on the "See all Use Cases" link.	The "See all Use Cases" link is visible.	Passed
10.3	Scroll into the "Explore Healthcare" link.	The "Explore Healthcare" link is visible.	Passed
10.4	Click on the "Explore Healthcare" link	The "Explore Healthcare" link is clicked and opened.	Passed
10.5	Scroll into the "private LTE networks" link.	The "private LTE networks" link is visible.	Passed
10.6	Click on the "private LTE networks" link.	The "private LTE networks" link is clicked and opened.	Passed
10.7	Take a screenshot of the page.	The screenshot is saved.	Passed
11	**Take a screenshot of the "VIDEO: How to Build a Call Center with Python and TeXML" page.**		
	Steps:		
11.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
11.2	Click on the "Blog" link.	The "Blog" link is clicked and opened.	Passed
11.3	Click on the "Verify API" button of the filter.	The "Verify API" button of the filter is clicked.	Passed
11.4	Click on the "Guides & Tutorials" button of the filter.	The "Guides & Tutorials" button of the filter is clicked.	Passed
11.5	Scroll into the "VIDEO: How to Build a Call Center with Python and TeXML" link.	The "VIDEO: How to Build a Call Center with Python and TeXML" link is visible.	Passed
11.6	Click on the "VIDEO: How to Build a Call Center with Python and TeXML" link.	The "VIDEO: How to Build a Call Center with Python and TeXML" link is clicked and opened.	Passed
11.7	Take a screenshot of the page.	The screenshot is saved.	Passed

12	**Verify the text on the "Guide" page.**		
	Steps:		
12.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
12.2	Click on the "See all Products" link.	The "See all Products" link is clicked and opened.	Passed
12.3	Scroll into the "WebRTC" link.	The "WebRTC" link is visible.	Passed
12.4	Click on the "WebRTC" link.	The "WebRTC" link is clicked and opened.	Passed
12.5	Scroll into the "Guide: Make a WebRTC Call in Seconds" link.	The "Guide: Make a WebRTC Call in Seconds" link is visible.	Passed
12.6	Click on the "Guide: Make a WebRTC Call in Seconds" link.	The "Guide: Make a WebRTC Call in Seconds" link is clicked and opened.	Passed
12.7	Scroll into the "webrtc" link.	The "webrtc" link is visible.	Passed
12.8	Verify the text on the page.	The text on the page is correct.	Passed
13	**Take a screenshot of the buttons on "Developer Docs" page.**		
	Steps:		
13.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
13.2	Click on the "Developer Docs" link.	The "Developer Docs" link is clicked and opened.	Passed
13.3	Click on the "Search Number" button.	The "Search Number" button is clicked.	Passed
13.4	Click on the "Order Number" button.	The "Order Number" button is clicked.	Passed
13.5	Click on the "Send Message" button.	The "Send Message" button is clicked.	Passed

13.6	Take a screenshot of the page.	The screenshot is saved.	Passed
14	**Verify the text on the Net button.**		
	Steps:		
14.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
14.2	Click on the "Developer Docs" link.	The "Developer Docs" link is clicked and opened.	Passed
14.3	Click on the "Docs" button.	The "Docs" button is clicked.	Passed
14.4	Click on the "Verify" link.	The "Verify" link is clicked and opened.	Passed
14.5	Click on the "See the Specs" button.	The "See the Specs" button is clicked and opened the page of verify.	Passed
14.6	Scroll into the "WireGuard Interfaces" link.	The "WireGuard Interfaces" link is visible.	Passed
14.7	Click on the "WireGuard Interfaces" link.	The "WireGuard Interfaces" link is clicked and opened.	Passed
14.8	Click on the ".NET" button.	The ".NET" button is clicked.	Passed
14.9	Verify the text on the page.	The text on the page is correct.	Passed
15	**Take a screenshot of the "Toll-Free Numbers" page.**		
	Steps:		
15.1	Go to the page https://telnyx.com.	The page of Telnyx is opened.	Passed
15.2	Click on the "Customer Stories" link.	The "Customer Stories" link is clicked and opened.	Passed
15.3	Scroll into the "Read about Point Blank" link.	The "Read about Point Blank" link is visible.	Passed

15.4	Click on the "Read about Point Blank" link.	The "Read about Point Blank" link is clicked and opened.	Passed
15.5	Scroll into the "Toll-Free Numbers" link.	The "Toll-Free Numbers" link is visible.	Passed
15.6	Click on the "Toll-Free Numbers" link.	The "Toll-Free Numbers" link is clicked and opened.	Passed
15.7	Click on the "Refresh Numbers" button.	The "Refresh Numbers" button is clicked.	Passed
15.8	Click on the "Add to cart" button.	The "Add to cart" button is clicked.	Passed
15.9	Take a screenshot of the page.	The screenshot is saved.	Passed