# INTRODUCTION

## Introduction

This document is created for Vivoos VR User Interface test scenarios. Test scenarios are designed by each form page and its test cases of a system. These test scenarios examine the functionality of the interface.

## Terminology

| Acronym | Definition |
| --- | --- |
| AP | Admin Page Tests |
| CPP | Change Password Page Tests |
| LP | Login Page Tests |
| NPP | New Patient Page Tests |
| NSCEP | New Scenario Page Tests |
| NSCP | New Session Controls Page Tests |
| NSESP | New Session Page Tests |
| NUP | New User Page Tests |
| PP | Patients Page Tests |
| SESP | Sessions Page Tests |
| SETP | Settings Page Tests |

# Test DesIgn SpecIfIcatIons

## Admin Page Tests (AP)

Admin page is created for managing the entire system of the interface. This page helps to change settings, add some scenarios or edit them and lastly add user. These test cases examine these operations.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC ID | Priority | Scenario Description | Explanation | Result |
| AP.01 | L | Search a scenario. | Scenarios are listed successfully. | Pass |
| AP.02 | H | Click the “Edit” button. | “Add New Scenario Page” opens and selected scenario information is showed. | Pass |
| AP.03 | H | Click the “Delete” button. | Selected scenario is deleted successfully. | Pass |
| AP.04 | H | Click the “Export” button. | Selected scenario is exported successfully. | Pass |
| AP.05 | M | Click the “Add New User” button. | “Add New User Page” opens. | Pass |
| AP.06 | M | Click the “Add New Scenario” button. | “Add New Scenario Page” opens. | Pass |
| AP.07 | M | Click the “Settings” button. | “Settings Page” opens. | Pass |
| AP.08 | L | Click the “Logout” button. | “Login Page” opens. | Pass |

## 

## Change Password Page Tests (CPP)

This page helps users to change their passwords easily. We are testing to changing operation is done successfully.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC ID | Priority | Scenario Description | Explanation | Result |
| CPP.01 | H | Enter username, old password, new password and new password again fields correctly and click “Save” button. | Password is changed successfully. | Pass |
| CPP.02 | H | Enter username which isn’t exist and other fields. Then click the “Save” button. | System gives an error message. Password isn’t changed. | Pass |
| CPP.03 | H | Enter username which is exists but enter the old password wrong. Then click the “Save” button. | System gives an error message. Password isn’t changed. | Pass |
| CPP.04 | H | Enter new password and new password again fields differently. Then click the “Save” button. | System gives an error message. Password isn’t changed. | Pass |
| CPP.05 | L | Click the “Back” button. | “Login Page” opens. | Pass |

## Login Page Tests (LP)

Login Page used for login the system easily. An admin or user can enters the system. Due to the type of the users, different page opens and we can use the interface. It is also contains language options to change the language of the interface.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC ID | Priority | Scenario Description | Explanation | Result |
| LP.01 | H | Enter valid user name and password. Then click the “Login” button. | User successfully login and “Patients Page” opens. | Pass |
| LP.02 | H | Enter false user name or password. Then click the “Login” button. | System gives an error message and login fails. | Pass |
| LP.03 | H | An admin or user logins to the system. | If a user is labeled as user, “Patient Page” opens. If it is labeled as admin, “Admin Page” opens. | Pass |
| LP.04 | M | Click the language buttons (Turkish, English or Arabic). | System language changes due to the selected language. | Pass |
| LP.05 | M | Click the “Change Password” button. | “Change Password Page” opens. | Pass |
| LP.06 | L | Click the “Cancel” button. | System closes. | Pass |

## New Patient Page Tests (NPP)

Logged user can add a patient and manage them. Testing to add a patient is done correctly.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC ID | Priority | Scenario Description | Explanation | Result |
| NPP.01 | H | Enter patient code, birthday and note and click “Save” button. | Patient is successfully added. | Pass |
| NPP.02 | H | Enter patient code which is already exist. Then click the “Save” button. | System gives an error message. Patient cannot be added. | Pass |
| NPP.03 | L | Click the “Back” button. | “Patients Page” opens. | Pass |
| NPP.04 | L | Click the “Logout” button. | “Login Page” opens. | Pass |

## New Scenario Page Tests (NSCEP)

Admin can add a new scenario to consultant create a new session for a patient. This page helps to admin to add the scenario information and its commands.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC ID | Priority | Scenario Description | Explanation | Result |
| NSCEP.01 | H | Fill the fields and then click the “Save” button. | Scenario is added successfully. | Pass |
| NSCEP.02 | H | Click the “Import” button. | Scenario file is selected in a folder and it is imported successfully. | Pass |
| NSCEP.03 | H | Click the “Select Folder” button. | Thumbnail of the scenario is selected in a folder and it is shown in the picture box correctly. | Pass |
| NSCEP.04 | H | Click the “Add Command” button. | Command fields are created dynamically. | Pass |
| NSCEP.05 | L | Click the “Back” button. | “Admin Page” opens. | Pass |
| NSCEP.06 | L | Click the “Logout” button. | “Login Page” opens. | Pass |

## New Session Controls Page Tests (NSCP)

After a scenario build is opened, consultant can manage this scenario in this page. Also, consultant can access the graphical data (GSR and Pulse) of a patient. These test specifications helps to all graphical data and managing the scenario operations are done correctly.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC ID | Priority | Scenario Description | Explanation | Result |
| NSCP.01 | H | Click the “Start” button. | Selected command send to socket successfully and it is executed in the scenario correctly. | Pass |
| NSCP.02 | M | Click the “SUD Save” button. | SUD value is saved. | Pass |
| NSCP.03 | H | Click the “Save” button. | Session is saved correctly and then “Sessions Page” opens. | Pass |
| NSCP.04 | H | Neulog Sensor is plugged to the computer and connection is established. | GSR and Pulse values are shown correctly in the graphs. | Pass |
| NSCP.05 | H | Neulog Sensor is unplugged to the computer or connection isn’t established. | GSR and Pulse values are shown with zero value in the graphs. | Pass |
| NSCP.06 | L | Click the “Back” button. | “New Session Page” opens. | Pass |
| NSCP.07 | L | Click the “Logout” button. | “Login Page” opens. | Pass |

## New Session Page Tests (NSESP)

Consultant can select a scenario in the list and starts the scenario build in this form.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC ID | Priority | Scenario Description | Explanation | Result |
| NSESP.01 | L | Search a scenario. | Scenarios are listed successfully. | Pass |
| NSESP.02 | H | Click the “Start” button. (Case: Scenario build is downloaded and in the correct path.) | Scenario build, neulog api and “New Session Controls Page” opens. | Pass |
| NSESP.03 | H | Click the “Start” button. (Case: Scenario build isn’t downloaded or path is wrong.) | System gives an error message. | Pass |
| NSESP.04 | L | Click the “Back” button. | “Sessions Page” opens. | Pass |
| NSESP.05 | L | Click the “Logout” button. | “Login Page” opens. | Pass |

## New User Page Tests (NUP)

Admin can add a new user to the system. Then, the new user can use the system.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC ID | Priority | Scenario Description | Explanation | Result |
| NUP.01 | H | Enter username, name/surname, new password and new password again fields correctly and click “Save” button. | User is added successfully. | Pass |
| NUP.03 | H | Enter username which is exists. Then click the “Save” button. | System gives an error message. User isn’t added. | Pass |
| NUP.04 | H | Enter new password and new password again fields differently. Then click the “Save” button. | System gives an error message. User isn’t added. | Pass |
| NUP.05 | L | Click the “Back” button. | “Admin Page” opens. | Pass |
| NUP.06 | L | Click the “Logout” button. | “Login Page” opens. | Pass |

## Patients Page Tests (PP)

Patients of the logged consultant are listed in this page. Consultant can manage, edit, delete or add a new user for using this page. All operations are tested in this section.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC ID | Priority | Scenario Description | Explanation | Result |
| PP.01 | L | Search a patient. | Patients are listed successfully. | Pass |
| PP.02 | M | Click the “Show Notes” link. | Notes of a selected patient shown successfully. | Pass |
| PP.03 | H | Click the “Session List” button. | “Sessions Page” opens and selected patient sessions are listed. | Pass |
| PP.04 | M | Click the “Edit” button. | “New Patient Page” opens and selected patient information is showed. | Pass |
| PP.05 | M | Click the “Delete” button. | Selected patient is deleted successfully. | Pass |
| PP.06 | H | Click the “Add New Patient” button. | “New Patient Page” opens. | Pass |
| PP.07 | L | Click the “Logout” button. | “Login Page” opens. | Pass |

## Sessions Page Tests (SESP)

Selected patient sessions are listed in this page. Consultant can access the executed sessions and their data. Also, consultant can start a new scenario.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC ID | Priority | Scenario Description | Explanation | Result |
| SESP.01 | L | Search a session. | Sessions are listed successfully. | Pass |
| SESP.02 | M | Click the “Delete” button. | Selected session is deleted. | Pass |
| SESP.03 | H | Click the “Download Data” button. | Data of selected session is downloaded. | Pass |
| SESP.04 | M | Click the “New Session” button. | “New Session Page” opens. | Pass |
| SESP.05 | L | Click the “Back” button. | “Patients Page” opens. | Pass |
| SESP.06 | L | Click the “Logout” button. | “Login Page” opens. | Pass |

## Settings Page Tests (SETP)

Admin can change the settings of the interface in this page.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TC ID | Priority | Scenario Description | Explanation | Result |
| SETP.01 | H | Change one of the settings and click the “Save” button. | Changed settings are updated successfully. | Pass |
| SETP.02 | L | Click the “Back” button. | “Admin Page” opens. | Pass |
| SETP.03 | L | Click the “Logout” button. | “Login Page” opens. | Pass |

# Test Results

## Summary of Test Results

|  |  |  |  |
| --- | --- | --- | --- |
| **Priority** | **Number of TCs** | **Executed** | **Passed** |
| **H** | **29** | **29** | **29** |
| **M** | **11** | **11** | **11** |
| **L** | **22** | **22** | **22** |
| **Total** | **62** | **62** | **62** |

We execute 62 test cases and 62 test cases passed. Also, 29 of high, 11 of medium and 22 of low priority test cases passed.

## Conclusion

The functionality of the VivoosVR User Interface has worked correctly.