**TEST PLAN OF CHOOCH AI SIGN UP PAGE**

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# Introduction

Chooch AI is a powerful visual AI platform that replicates human visual tasks and processes by generating fast, accurate computer vision technology across a wide variety of applications.

This propriatary technology has been deployed at scale for a wide variety of use cases and industries including aviation, media, goespatial, healthcare, security, IoT, and the US government. Applications include tracking surgical procedures, counting store employees, security for remote oil&gas sites, facial authentication, intelligent video analytics and image quality control.

This document describes the test plan for user registration to the Chooch AI platform to get started with these capabilities.

# Entry and Exit Criteria

The tests are related to the user registration process.

## Entry Criteria

The entry criteria contain the following conditions:

White box testing should be finished.

Understand and analyze the requirement and prepare the test documents or when the test documents are ready.

Test data should be ready.

Build or the application must be prepared

The necessary resource must be ready.

## Exit Criteria

The exit criteria contain the following conditions:

When all the test cases are executed.

When user register Chooch AI system with valid credentials.

When user fill the input field with invalid values, system should give information or error message to user.

Depends on severity of the bugs which means that there must not be any blocker or major bug, whereas some minor bugs exist.

# Defect and Risk Management

## Defect Management

Defects which is detected by testers or costumer are tracking with Atlassian-JIRA.

All defects are categorized with the given categories.

* Critical: The defect affects critical functionality or critical data. It does not have a workaround. Example: Unsuccessful installation, complete failure of a feature.
* Major: The defect affects major functionality or major data. It has a workaround but is not obvious and is difficult. Example: A feature is not functional from one module but the task is doable if 10 complicated indirect steps are followed in another module/s.
* Minor: The defect affects minor functionality or non-critical data. It has an easy workaround. Example: A minor feature that is not functional in one module but the same task is easily doable from another module.
* Trivial: The defect does not affect functionality or data. It does not even need a workaround. It does not impact productivity or efficiency. It is merely an inconvenience. Example: Petty layout discrepancies, spelling/grammatical errors.

## Risk Management

Risks are tracked with Atlassian-JIRA.

The following risks have been identified and the appropriate action identified to mitigate their impact on the project. The impact (or severity) of the risk is based on how the project would be affected if the risk was triggered. The trigger is what milestone or event would cause the risk to become an issue to be dealt with.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # | Risk | Impact | Trigger | Mitigation Plan |
| 1 | Testers become more familiar with the Chooch Sign Up system, they will want more functionality | High | Delays in implementation date | Each iteration, functionality will be closely monitored. Priorities will be set and discussed by stakeholders. Since the driver is functionality and not time, it may be necessary to push the date out. |
| 3 | Weekly delivery is not possible because the developer works off site | Medium | Product did not get delivered on schedule |  |

# Test Approach

The project is using an agile approach, with weekly iterations. At the end of each week the requirements identified for that iteration will be delivered to the team and will be tested.

During Chooch AI Sign Up process tests, System level tests are run with cypress test automation tool.

There is two test süite are used in test automation.

|  |  |
| --- | --- |
| **Test Suite** | **Test Cases** |
| Test Suite 1: Login with invalid credantials | Go to right URL  Invalid FirstName Data  Invalid LastName Data  Invalid Email Data  First name field cannot be empty  Last name field cannot be empty  Password cannot consist of only numbers  At least one capital letter  Password cannot consist of only letters  Password and Confirm Password does not match |
| Test Suite 2: Login with valid credantials | Successful Login |

# Test Tools

Test tools are defined in the table.

|  |  |  |
| --- | --- | --- |
| **Test Tools** | **Version** | **Purpose** |
| Cypress | V10.10.0 | Automate the System Level tests. |

# Test Schedule

N/A