Test Report

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# Testing Scope

| Product/Feature | Testing Period | Tested Builds | Deployment Date |
| --- | --- | --- | --- |
| **Skype for Desktop** | **2021.01.14 - 02.03** | **V. 8.67.0.99** | **30 December 2020** |
| Create account |  |  |  |
| Sign in |  |  |  |
| Connecting via Video & Audio |  |  |  |
| Connecting via Messaging |  |  |  |
| Share |  |  |  |
| Welcome screen |  |  |  |
| Search |  |  |  |
| Tool bar |  |  |  |
| Sidebar |  |  |  |
| Icons |  |  |  |

## Test Environment

| Test Environment | Software Details |
| --- | --- |
| Production | OS:Windows  Version 10 Pro |
| Skype for Desktop v. 8.67.0.99 |

## Testing Team

| Role | Name | Comments (e.g. test effort h) |
| --- | --- | --- |
| Senior Tester | Croitoru Dan Nicolae | 80 h |

# Test Results

## Executed Test Cases

| Functionality | Total | Pass | Failed | Blocked | Not Run | Defects |
| --- | --- | --- | --- | --- | --- | --- |
| Smoke Testing | 16 | 16 | 0 | 0 | 0 | [0031180](https://bugs.scoalainformala.ro/view.php?id=31180" \o "[new] [Stress test][Typing backwards in text field] - when selected and replaced, text is being written backwards) |
| Create account | 18 | 16 | 2 | 0 | 0 | [0031179](https://bugs.scoalainformala.ro/view.php?id=31179" \o "[new] [Registration].[email verification.code] - a way to pass the security check with invalid code) ; [0031186](https://bugs.scoalainformala.ro/view.php?id=31186" \o "[new] [Registration].[email verification.code] - security check dissapears after passing it one time) |
| Sign In | 17 | 0 | 0 | 0 | 0 | [0031180](https://bugs.scoalainformala.ro/view.php?id=31180" \o "[new] [Stress test][Typing backwards in text field] - when selected and replaced, text is being written backwards) |
| Search | 7 | 6 | 1 | 0 | 0 | [0031182](https://bugs.scoalainformala.ro/view.php?id=31182" \o "[new] [Search special characters] - when searching users by special characters, system is recomanding mutual connections) |
| Connecting via Video & Audio | 11 | 0 | 0 | 0 | 0 |  |
| Connecting via Messaging | 12 | 11 | 1 | 0 | 0 | [0031183](https://bugs.scoalainformala.ro/view.php?id=31183" \o "[new] [copy paste in chat] - user can copy paste a tab insert into the chat text field and press on \"Sent message\" button) |
| Share | 6 | 5 | 1 | 0 | 0 | [0031184](https://bugs.scoalainformala.ro/view.php?id=31184" \o "[new] [Cannot send an emphty file] - when sharing a file that has no content, it doesn't go/appear anywhere) ; [0031185](https://bugs.scoalainformala.ro/view.php?id=31185" \o "[new] [Cannot send a file.space tabs] - when sharing a file that has nothing but space tabs, file doesn't go/appear anywhere) |
| Sidebar | 4 | 3 | 1 | 0 | 0 | [0031181](https://bugs.scoalainformala.ro/view.php?id=31181" \o "[new] [Availability status] - status does not change in real-time) |
| **Overall Results** | **91** | **85** | **6** | **0** | **0** | **8** |

# Defects

## New defects

| Defect ID | Defect summary | Severity |
| --- | --- | --- |
| 0031179 | [Registration].[email verification.code] - a way to pass the security check with invalid code | **Critical** |
| 0031180 | [Stress test][Typing backwards in text field] - when selected and replaced, text is being written backwards | **Major** |
| 0031181 | [Availability status] - status does not change in real-time | **Normal** |
| 0031182 | [Search special characters] - when searching users by special characters, system is recomanding mutual connections | **Normal** |
| 0031183 | [copy paste in chat] - user can copy paste a tab insert into the chat text field and press on "Sent message" button | **Normal** |
| 0031184 | [Cannot send an emphty file] - when sharing a file that has no content, it doesn't go/appear anywhere | **Normal** |
| 0031185 | [Cannot send a file.space tabs] - when sharing a file that has nothing but space tabs, file doesn't go/appear anywhere | **Normal** |
| 0031186 | [Registration].[email verification.code] - security check dissapears after passing it one time | **Critical** |

## Validated bugs

No Bugs are validated.

## Old bugs still open

There are no old bugs still open.

# Conclusions

Certain functionalities weren’t tested, or tested fully: Welcome Screen, Tool bar, Sidebar and Icons.

100 % of the Test Cases were executed, from which 93% passed and 7% were failed. Most of the failed test cases are related to the chat window functionality and Sign in/Create.

A total number of 8 bugs were identified, and 3 of them are to be considered of high importance and severity. No bugs were validated.

The most frequent testing types applied were Functional Testing, Exploratory, Negative, UI and Usability. Also a Smoke Testing session was conducted at the beginning of the project and no bugs have been found.

Exploratory testing was performed for important functionalities (concentrating on negative scenarios). 2 bugs were identified during exploratory testing and both of them are critical.

The rest of the bugs were identified by performing Negative Testing.

Considering the number of high severity/security bugs identified, fixing of the critical bugs is recommended. Few bugs that can create a rather uncomfortable experience for users should be as well noticed and tended.

Perfomance testing in the case of this application wasn’t conducted due lack of tools and enviroment (load testing with x number of users in the same call, different internet provider, different operating system, overall load testing of the app).

Concerning the usability, overall , Skype is convenient and easy tool to use and install, but relies heavily on good internet connection.