Test Report

Project Name: Freetube Testing

Document Date: <2022.11.18>

Table of Contents

Testing Scope 4

1.1. Test Environment 4

1.2. Testing Team 4

Test Results 5

1.3. Executed Test Cases 5

1.4. Exploratory testing 5

Defects 6

1.5. New defects 6

1.6. Validated bugs 6

1.7. Old bugs still open 6

Conclusions 7

# Testing Scope

| Product/Feature | Testing Period | Tested Builds | Deloyment Date |
| --- | --- | --- | --- |
| Profile creation and management | 11/12 – 11/18 | Version 0.17.1 Beta | 08/12 |
| Search function | 11/12 – 11/18 | Version 0.17.1 Beta | 08/12 |
| Subscriptions management | 11/12 – 11/18 | Version 0.17.1 Beta | 08/12 |
| Channels tab | 11/12 – 11/18 | Version 0.17.1 Beta | 08/12 |
| Trending tab | 11/12 – 11/18 | Version 0.17.1 Beta | 08/12 |
| Your Playlists Tab | 11/12 – 11/18 | Version 0.17.1 Beta | 08/12 |
| History | 11/12 – 11/18 | Version 0.17.1 Beta | 08/12 |
| About Tab | 11/12 – 11/18 | Version 0.17.1 Beta | 08/12 |
| Channels page | 11/12 – 11/18 | Version 0.17.1 Beta | 08/12 |
| Video player | 11/12 – 11/18 | Version 0.17.1 Beta | 08/12 |
| Accessibility testing | 11/12 – 11/18 | Version 0.17.1 Beta | 08/12 |
| Performance testing | 11/12 – 11/18 | Version 0.17.1 Beta | 08/12 |

## Test Environment

| Test Environment | Software Details | Comments |
| --- | --- | --- |
| Desktop | OpenSUSE Tumbleweed – Version 20221115 | CPU: AMD FX 8350  GPU: AMD R9 370x |
| Staging |  |  |
| Production | OpenSUSE Tumbleweed – Version 20221115 | CPU: AMD FX 8350  GPU: AMD R9 370x |

## Testing Team

| Role | Name | Comments (e.g. test effort h) |
| --- | --- | --- |
| Junior Tester | Mircea Balan | 18 hours |
|  |  |  |
|  |  |  |

# Test Results

## Executed Test Cases

| Functionality | Total | Pass | Failed | Blocked | Not Run | Defects |
| --- | --- | --- | --- | --- | --- | --- |
| Profile creation and management | 26 | 24 | 2 | 0 | 0 | Defect ID: 10; 23 |
| Search function | 40 | 40 | 0 | 0 | 0 |  |
| Subscriptions management | 36 | 32 | 3 | 0 | 0 | Defect ID: 86; 87; 89 |
| Channels tab | 11 | 11 | 0 | 0 | 0 |  |
| Trending tab | 11 | 40 | 0 | 0 | 0 |  |
| Your Playlists Tab | 6 | 5 | 1 | 0 | 0 | Defect ID: 124 |
| History | 10 | 8 | 2 | 0 | 0 | Defect ID: 135; 138 |
| About Tab | 15 | 15 | 0 | 0 | 0 |  |
| Channels page | 13 | 13 | 5 | 0 | 0 | Defect ID: 161; 162; 165; 167; 171 |
| Video player | 45 | 45 | 0 | 0 | 0 |  |
| Accessibility  testing | 25 | 25 | 0 | 0 | 0 |  |
| Performance  testing | 7 | 7 | 3 | 0 | 0 | Defect ID: 252; 260; 261 |

## Exploratory testing

| Functionality | Defects |
| --- | --- |
| Profile creation and management |  |
| Search function |  |
| Subscriptions management |  |
| Channels tab |  |
| Trending tab |  |
| Your Playlists Tab | 0045221 |
| History |  |
| About Tab |  |
| Channels Tab |  |
| Video player |  |
| Accessibility  testing |  |
| Performance  testing |  |

# Defects

## New defects

| Defect ID | Defect summary | Severity |
| --- | --- | --- |
| 0045203 | Simplified Chinese ideograms cannot be used as a username for the profile creator feature | Normal |
| 0045204 | No delete button available for the default profile even after removing its default privileges | Minor |
| 0045207 | Hovering the mouse cursor over the video upload date does not display the actual date | Minor |
| 0045210 | The refresh button does not refresh the video list from the Subscription tab once more videos are loaded | Normal |
| 0045221 | Playlists cannot be saved in the playlist tab | Major |
| 0045222 | There is no refresh button in the history tab | Minor |
| 0045223 | Changing the profile while in the history tab does not load that profile's history | Normal |
| 0045224 | Sorting videos by the "oldest" filter in a channel's page does not work | Normal |
| 0045225 | Sorting videos by the "Most popular" filter in a channel's page does not work | Normal |
| 0045227 | Sorting playlists by the "newest" filter in a channel's page does not work | Normal |
| 0045228 | Setting the filter from "newest" to "last video added" removed all the playlists within the playlist tab of a channel | Normal |
| 0045230 | Clicking on a "featured channel" within the about section of channel does not redirect to that channel | Normal |
| 0045231 | Performance testing: Freetube fails to load any data when changing Invidious instance to "[https://inv.privacy.com.de/"](https://inv.privacy.com.de/%22) | Normal |
| 0045233 | Performance testing: Freetube fails to load any data when changing Invidious instance to "[https://invidious.kavin.rocks/"](https://invidious.kavin.rocks/%22) | Normal |
| 0045268 | Setting "preferred API backend" to "Local API" leads to error messages and failure to load content | Major |
| 0045205 | Hovering the mouse cursor over the thumbnail of a video does not trigger the preview feature | Normal |

## Validated bugs

| Defect ID | Defect summary | Status |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |

## Old bugs still open

| Defect ID | Defect summary | Severity |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |

# Conclusions

**The application may be released at the current state still as a beta release despite having some bugs, including some major ones. The essential features however work correctly such as the video player and search function.**

* **From 251 test cases a total of 235 were successful.**
* **There are 16 remaining bugs with a varied severity level**
* **All the bugs have been validated**

**All the tests were done OpenSUSE Tumbleweed Version 20221115**

**Testing types performed:**

* **End-to-End Testing**
* **Performance testing**
* **Positive testing**
* **Localization testing**
* **Accessibility testing**
* **Exploratory testing**
* **Smoke testing**