Jukify

Sprint 4 Review

# Introduction

Review of the last pre-release sprint for project Jukify.

Starts 07.01.2022

Ends 20.01.2022

Overall goal: minimum functionality implementation, full testing, release preparation

# Achievements

## Technical

|  |  |
| --- | --- |
| Party history | Party history has been implemented |
| View historical party | Viewing playlist + member song suggestions of a visited party implemented |
| Song prioritization | Button to make song play earlier implemented (in case song is far on base playlist) |
| Bugfixes | Many bugs have been fixed (song addition being put in wrong display order on frontend, song being skipped when refreshing the list) |

## Formal

|  |  |
| --- | --- |
| Presentation video | Presentation video has been recorded using 3 real phones, backend server in the cloud and screen mirroring technique |
| Presentation slides | Presentation slides have been prepared |
| Source code documentation | Source code documentation has been generated using pydoc and javadoc |
| Technical documentation | Early documentation has been refined, new documentation has been added |

# Failures

## Technical

|  |  |
| --- | --- |
| User management | User management has not been implemented |
| Rating system | Rating system has not been implemented |
| Poll system | Poll system has not been implemented |

## Formal

None

## Discussion

A lot of stuff did not make it to release version due to various reasons – technical limitations of our approach being the most prominent ones. As an example, a poll system would require us to either:

* Swap used protocol from HTTP to MQTT/Websockets (to let server inform clients that a poll has been started) OR
* Make a painful workaround using HTTP that would require background service sending requests to the server periodically to check for updates regarding polls