

<b>Jukify</b>	
Sprint 4 Review	Date: 18.01.2022

# Jukify

## Sprint 4 Review

### 1. 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

### 2. Achievements

#### 2.1 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)

#### 2.2 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

### 3. Failures

#### 3.1 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

#### 3.2 Formal

None

#### 3.3 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