Jukify Progress Statement – Increment 1

# A screenshot of a phone Description automatically generated with medium confidenceProgress description

## Frontend prototype app

### Main Activity

* Buttons starting appropriate activities
* Placeholder logo
* Old prototype version also included
* ID Generation and saving in preferences (to be changed)

Graphical user interface, application

Description automatically generated

### Playlists Activity

* Playlist list
* Placeholder for now

### Create Party Activity

* Allows Party Master to create a party and select entry playlist (placeholder picture)
* Create Party buttons leads to Spotify Authentication through usage of Spotify’s Android SDK (uses either a WebView or Spotiy Application to log in)
* Leads to Party Master Activity

Graphical user interface, application

Description automatically generatedGraphical user interface, application

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### Party Master Activity

* Allows Party Master to control the party
* Placeholders for now

Graphical user interface, application

Description automatically generated

### Join Party Activity

* Allow users to join by either partyId or QR Code
* No functionality yet, to be added in increment 2

Graphical user interface, application, Teams

Description automatically generated

### Settings Activity

* Username setting

Graphical user interface, application

Description automatically generated

### Next Steps

* Implementing UI functionality
* Implementing better design (suggested Material Design <https://material.io/>)
* Unit Testing Activities and components

## Backend

### Flask Server

Flask server at the beginning had to be run locally. Enes has recently launched the Flask server on his own personal server so it is available under one general IP address (no longer localhost/messing around with Ips when testing connection from various clients)

#### Implemented calls

* /createParty
* /closeParty
* /join
* /leave
* /playSong

Text

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### Database

* MySQL Server Implemented on Enes’ server

Diagram

Description automatically generated

### Next steps

* UnitTesting
* Calls to retrieve data from database