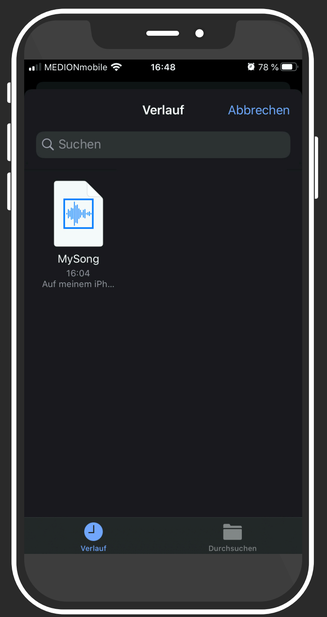
Song Upload

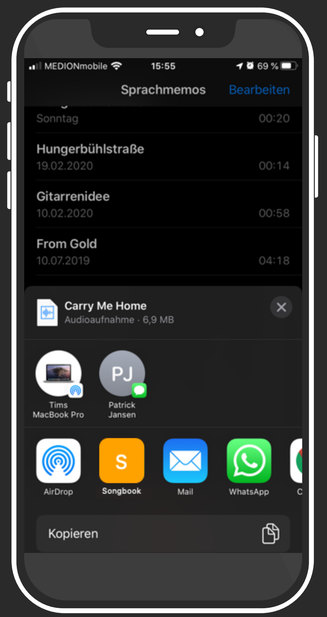
Song Project Overview

- List of all songs with Rows or Cards
  - Each item shows title, artists, status, icon
- Add Option to start a new project

Tap on add option



Tap on song icon



Tap on app icon

Upload Dialog

- Options:
  - Upload to new song
  - Add to existing song

Upload Dialog New Song

- Songtitel wird vom Dateinamen vorausgefüllt
- Weitere Daten:
  - Beteiligte Personen (mit + Button lassen sich weitere Künstler hinzufügen, eigener Name ist vorausgefüllt).
    - jeder Person kann eine Rolle hinzugefügt werden
  - Art der Aufnahme:
    - Vorausgefüllt Typ „Idee“, da aus Diktiergerät hochgeladen. Weitere Optionen: Demo, Instrumental, Vocals, Rough Mix, Mix Release Candidate, Master Mix, ...
  - Genres (Liste mit + Button)
  - Moods (Liste mit + Button)

Upload Dialog Existing Song

- Filterung der Formular-Felder nach Aufnahmespezifischen. Den Rest vorausgefüllt und verstecken, aber im Zuge des Uploads auch editierbar machen.

CREATE Button

CREATE Button

Song Project Overview

- List of Recordings in that project

- Multiple Views:
  - Timeline View: Versions of the recordings are displayed in order of their upload date like in a

Login

Sign Up/ Sign In Dialog

- Welcome Text
- Default Sign Up
- „Already got an Account? Sign In“- Link
- Username Password
- Synchronous Validation:
  - Requirements to password fullfilled?
  - Username already in use?
- Submit Button

Request User Information

- Name
- Role (Song Writer / Producer)
- Profile Avatar
- Personal Data (Birthday, Mobile Phone Number, Address, ...)
- Biography
- Label
- Website

Song Project Overview

- List of all songs with Rows or Cards
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- Add Option to start a new project

Add Lyrics

Song Project Overview

- List of all songs with Rows or Cards
  - Each item shows title, artists, status, icon
- Add Option to start a new project

Tap on song

Song Details/ Recordings Overview

- Option A: Message Feed based:
  - All recordings including comments are shown chronologically
  - Unseen content is displayed under a divider.
- Option B: File System style (list of songs, comments can be found by clicking on a song)

- Edit Option to change meta information

Tap on edit option

Song Edit Form

- Text Fields
  - title
  - artists
  - lyrics
- Keywords:
  - Sub Page for a selection of pre defined options
- Participants:
  - Plus button for new entry
  - text field with e-mail + role selection (again with sub page)
- Genres (list with + Button)
- Moods (list with + Button)

Playback and Comment - First Iteration

Download based, no playback editor included, using the Files app on iOS/ Android

Song Project Overview

- Badge next to project with new recording, indicating a new upload in an existing song

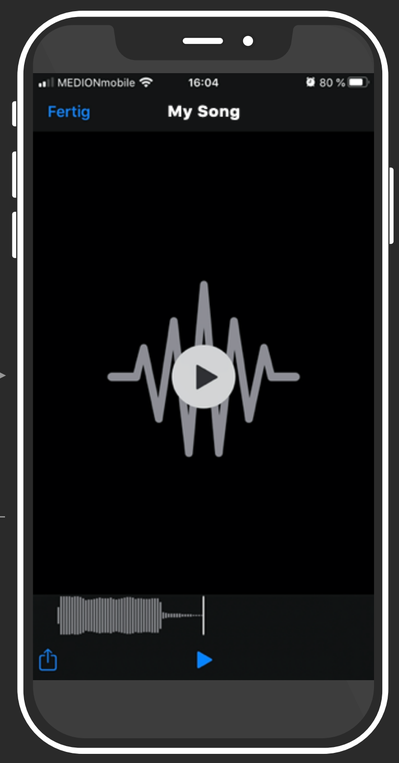
Tap on
song with badge

Song Details/ Recordings Overview

- Option A: Message Feed based:
  - All recordings including comments are shown chronologically
  - Unseen content is displayed under a divider.
- Option B: File System style (list of songs, comments can be found by clicking on a song)

Tap on
Download Icon

Come back
after listening



B: Tap on
Comment Icon

A: Tap on the bottom
Text Area

Comments Overview (Message Feed just one recording)

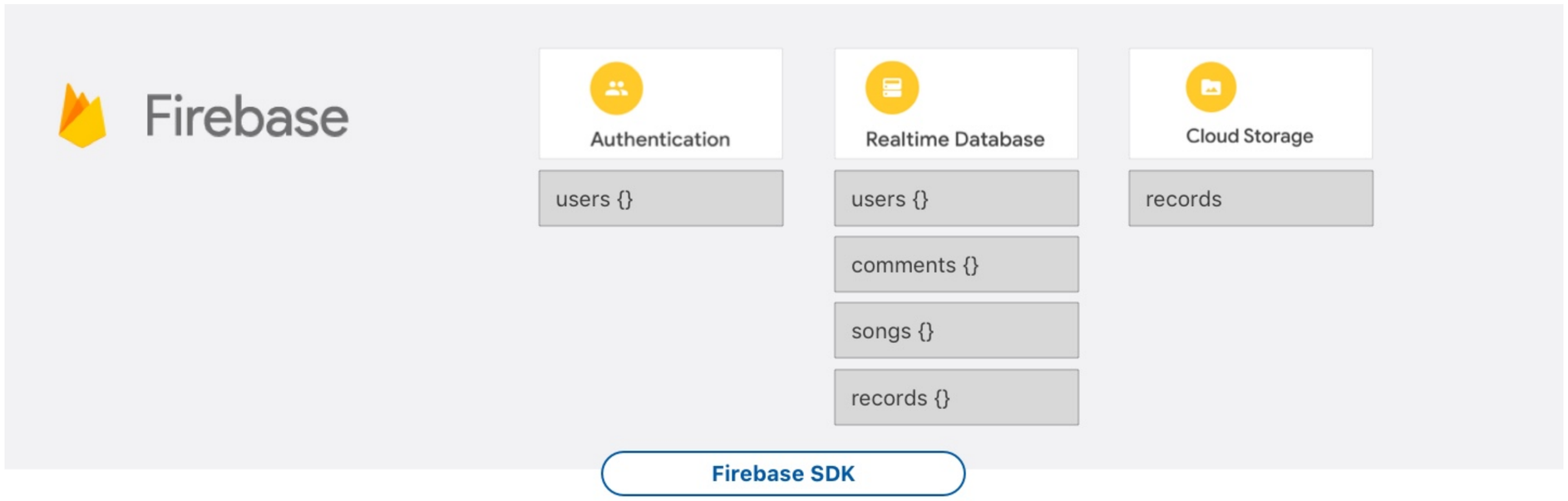
- Chat style: Messages of others get displayed to the left, own messages get displayed to the right
- Messages are ordered chronologically
- Unseen content is displayed under a divider.

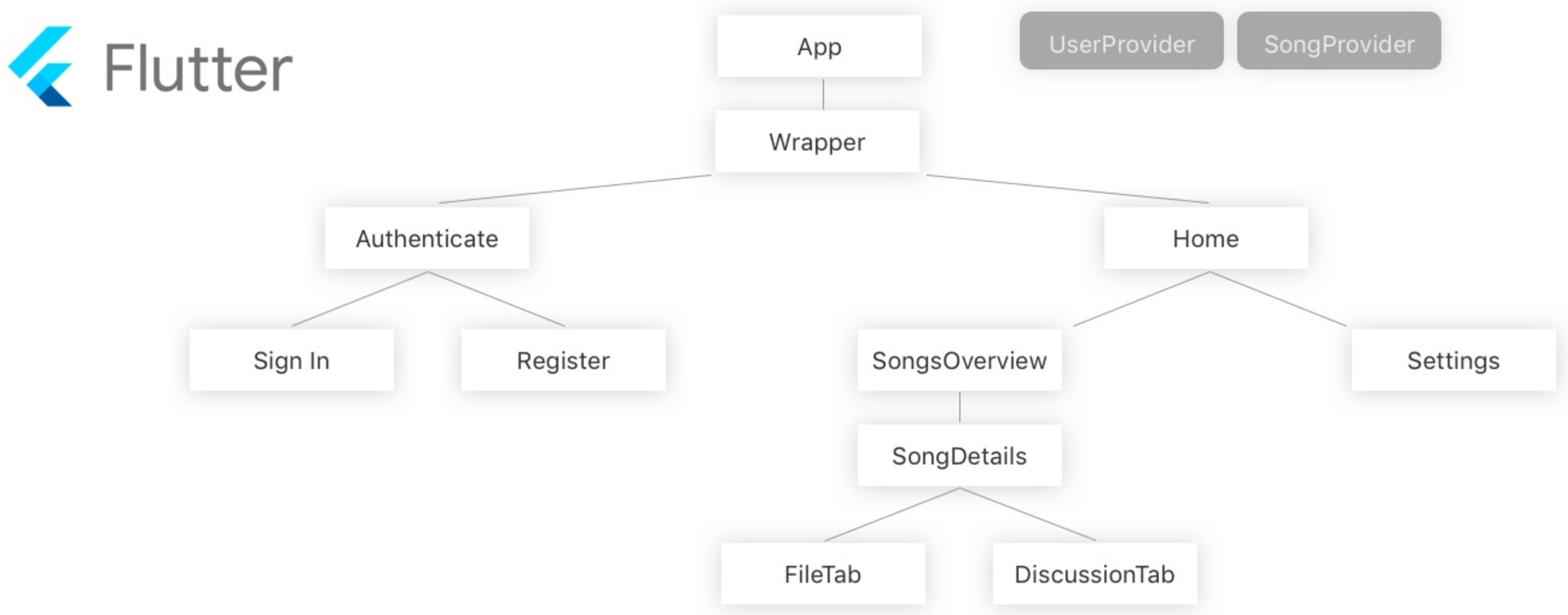
Tap on the bottom
Text Area

Comment

- Regular OS-Keyboard opens up.
- Submit/Send Feature

Prio:
- Tag a person
- Reference a previous recording
- Quote a previous message


Firebase
Authentication
Realtime Database
Cloud Storage
users {}
users {}
records
comments {}
songs {}
records {}
Firebase SDK


Flutter
App
UserProvider
SongProvider
Wrapper
Authenticate
Home
Sign In
Register
SongsOverview
Settings
SongDetails
FileTab
DiscussionTab

REQUIREMENTS

1. Manage Songs
- **C**: Create new songs with meta information (keywords/ tags, title, artists, lyrics (?))
- **R**:
  - Show all songs (overview)
  - Show a single song
- **U**: Edit a single song (keywords, title, artists, participants *(q.v. 3 - share songs)*)
- **D**: Delete a single song/ multiple songs

2. Manage versions of songs (**Recordings**)
- **C**: Add new recordings/ updated versions to existing songs from third party apps through „Share“-Action
- **R**:
  - Show all recordings of a song
  - Show a single recording
- **U**: Edit a single recording (Tag, add Comments (q.v. 4 - discuss with participants on recordings)
- **D**: Delete a single recording/ multiple recording (only allowed for creator)

3. Share songs with other people (producers)
4. Audio playback for recodings: Play, Pause, Navigate
5. Discuss with participants on recordings
  - Comment with text -> displayed next to profile avatar („chat style“)

Prio B:
6. Get notified on new uploads and comments
7. Manage user profile
8. Manage user network