

Hoccer Fullscreen Player

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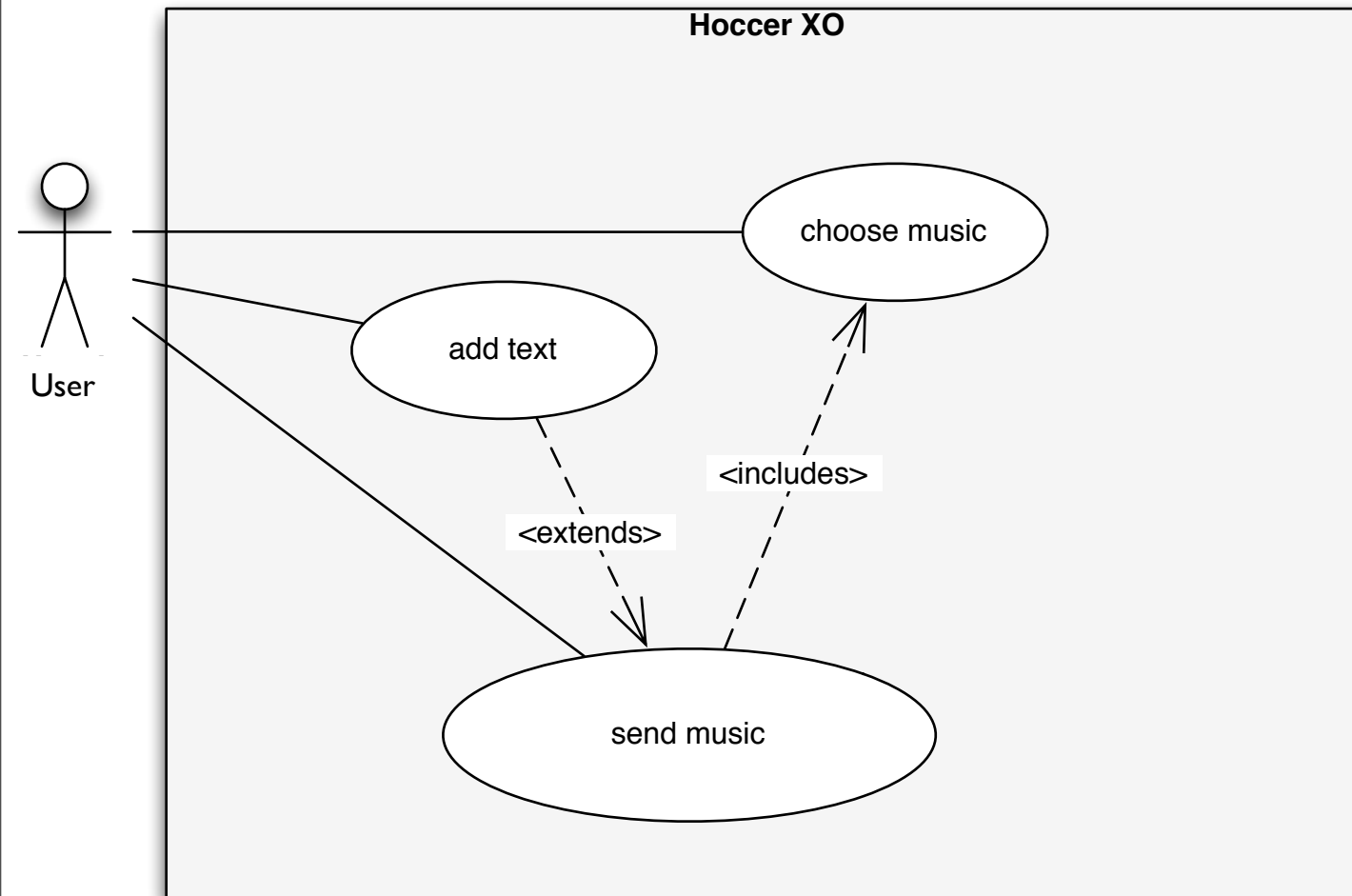
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Requirements

- 1.The Fullscreen Player is embedded into Hoccer.
- 2.The music file must be playable from within the chat window.
3. *Embedded Controls*:With a Play and Pause button the user should trigger if a track will be played or paused.
- 4.The music file should be chosen from a file chooser inside the conversation.
- 5.An overview and playlist for the received music should be provided.

Sending Music

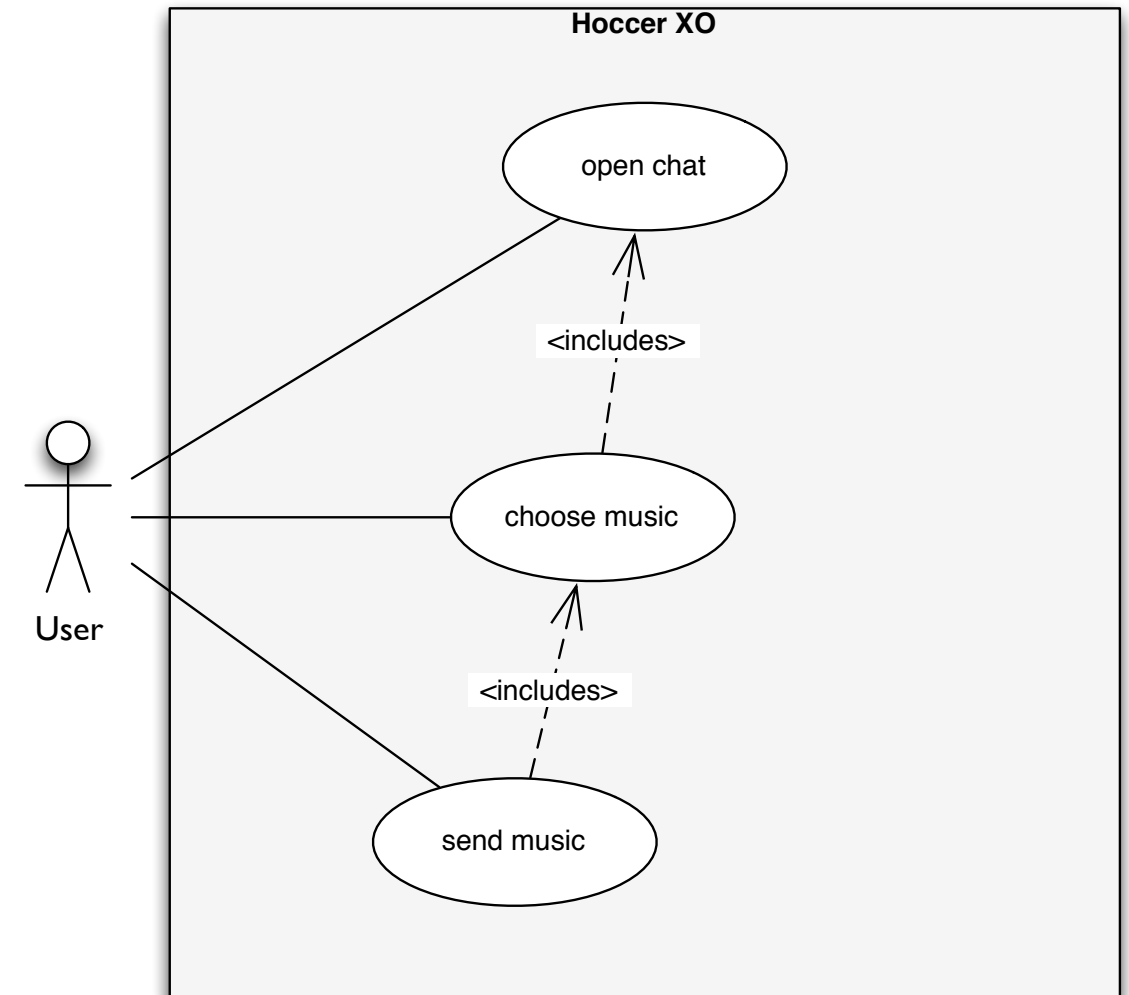
Send music (as attachment)



Attachment:

Status Quo: Choose music and/or add text, then send.

Send music (directly)

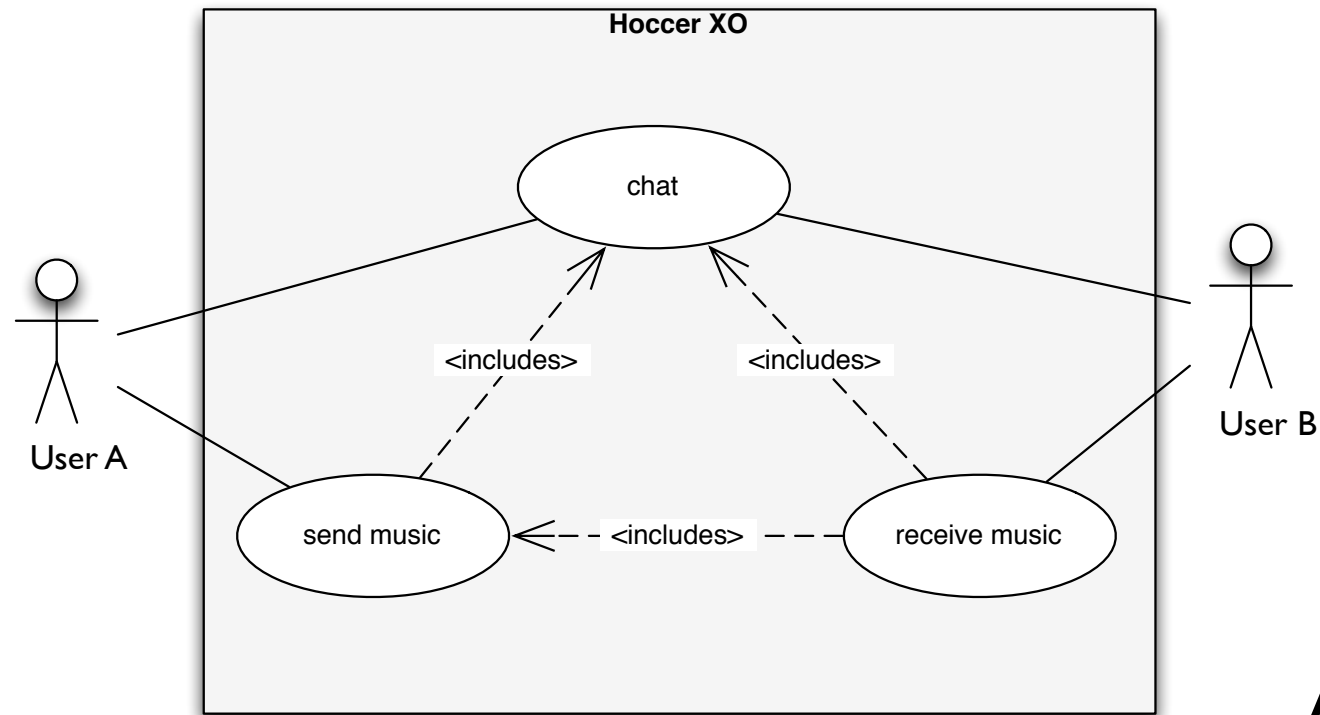


Directly:

Alternative: Choose music directly and send without further asking.

Approve Music on Receiving

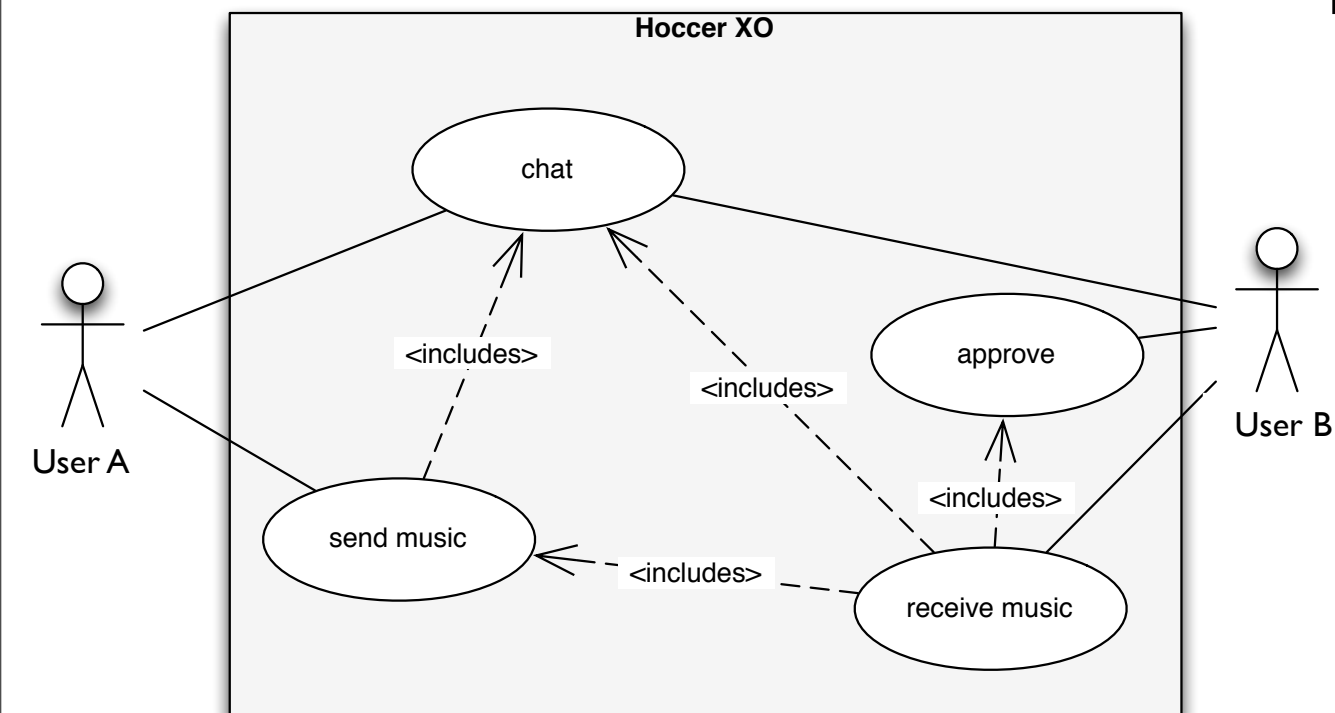
Send and receive music (abstract)



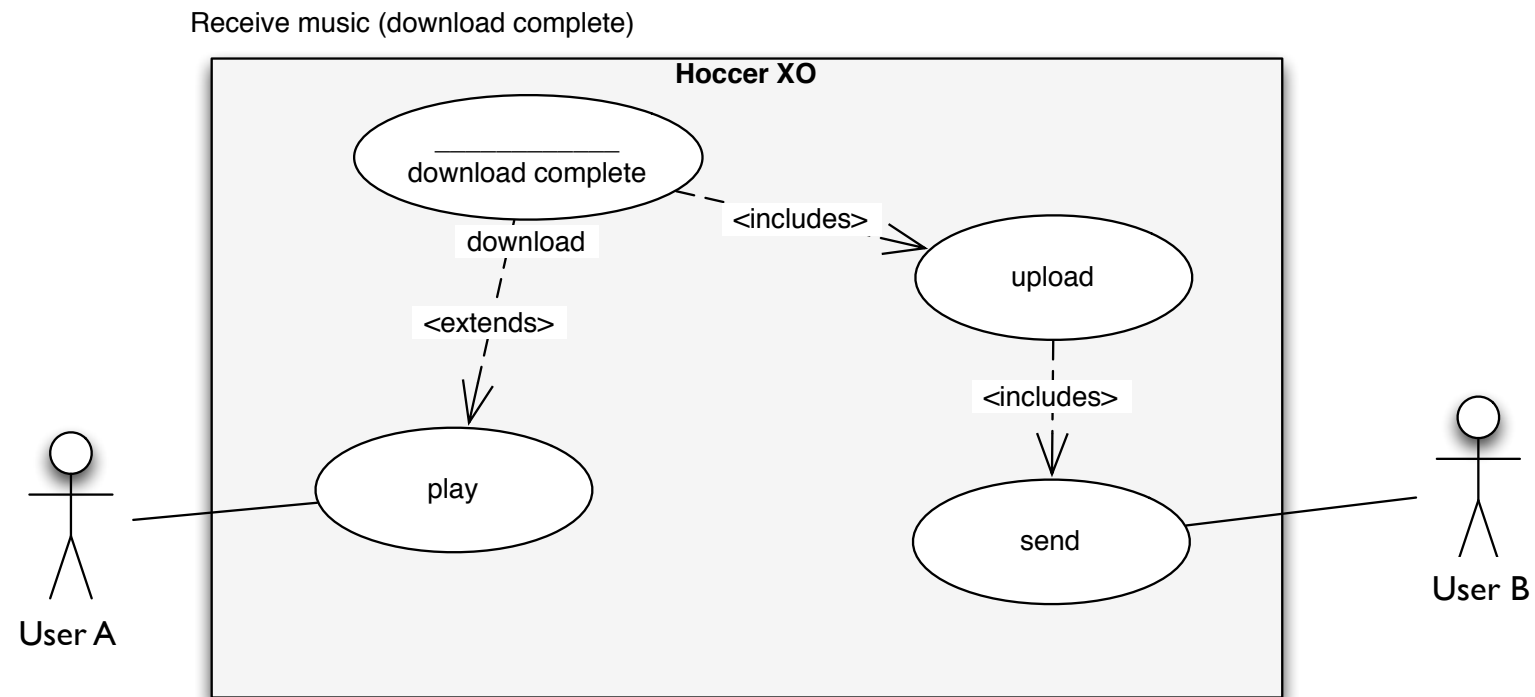
Approve:

Status Quo: The system asks for approval before receiving music. The option can be toggled on or off in the settings.

Send and receive music (on approval)



Receive Music



Download complete:
Status Quo: Music can be played as soon as it is completely downloaded.

Wireframes

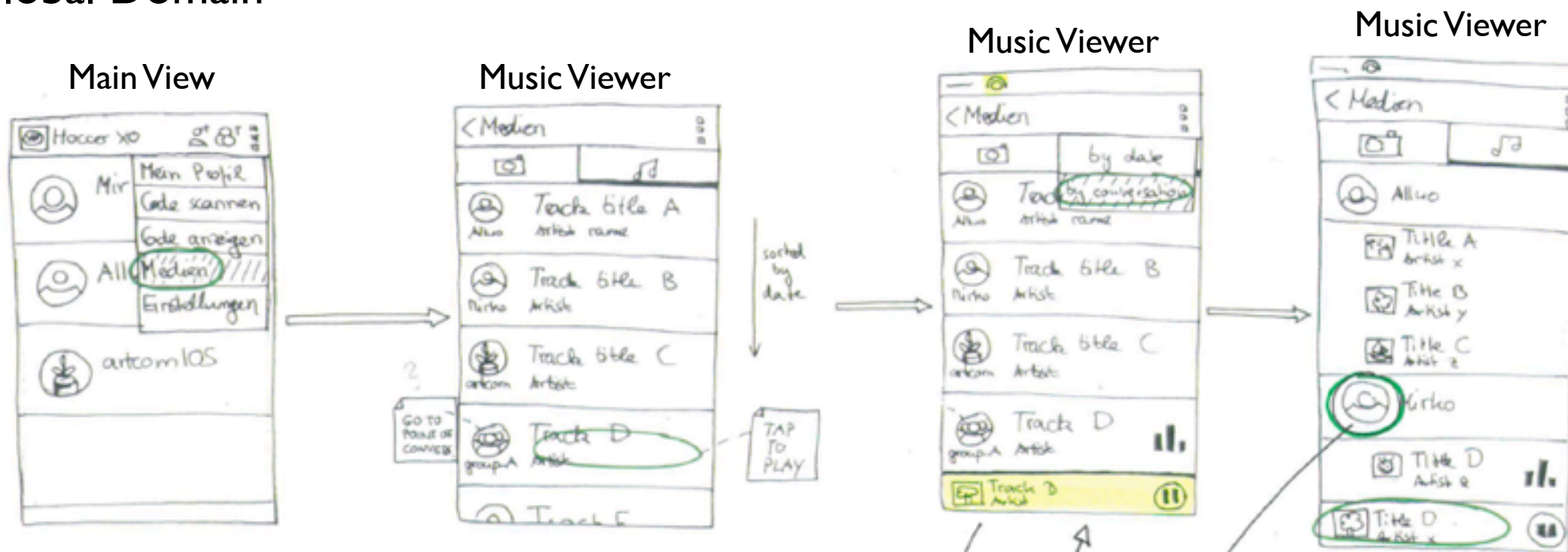
Two drafts of the Hoccer music player handling flow are created to demonstrate possible usages in an Android and iOS environment.

These drafts are examples and shall give an impression of the look and feel of the developed features. The central element is the → Music Viewer, that is integrated into a major Media Viewer in our concept.

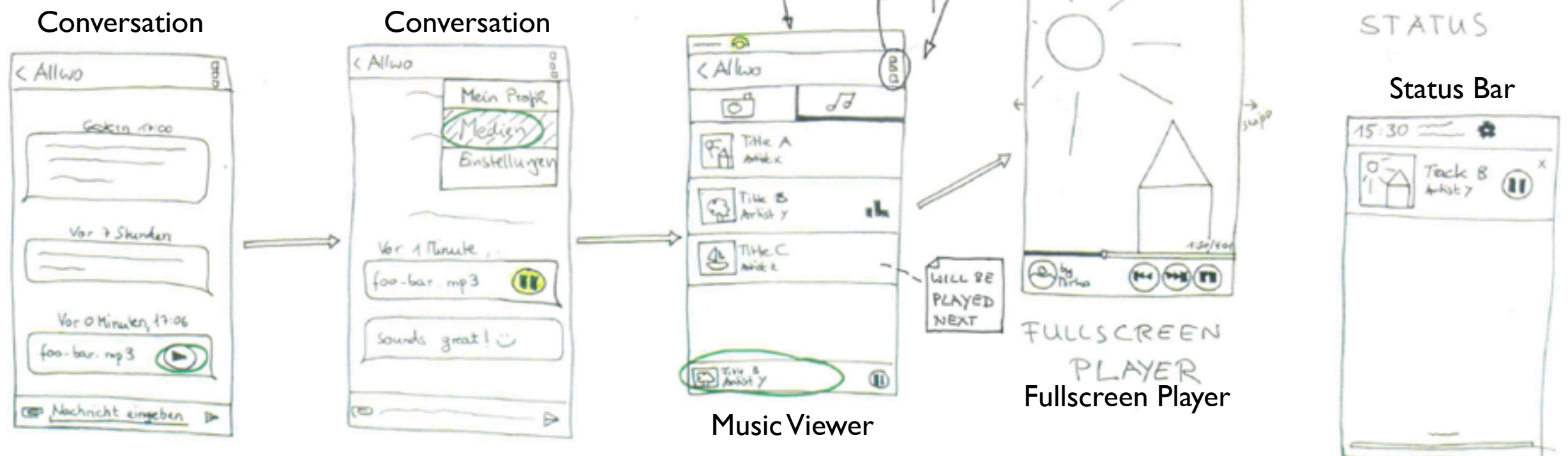
The tab illustrating a Camera for images is not part of the current development, however. This illustration shall give an impression onto future feature integration.

Controls:Android

Global Domain

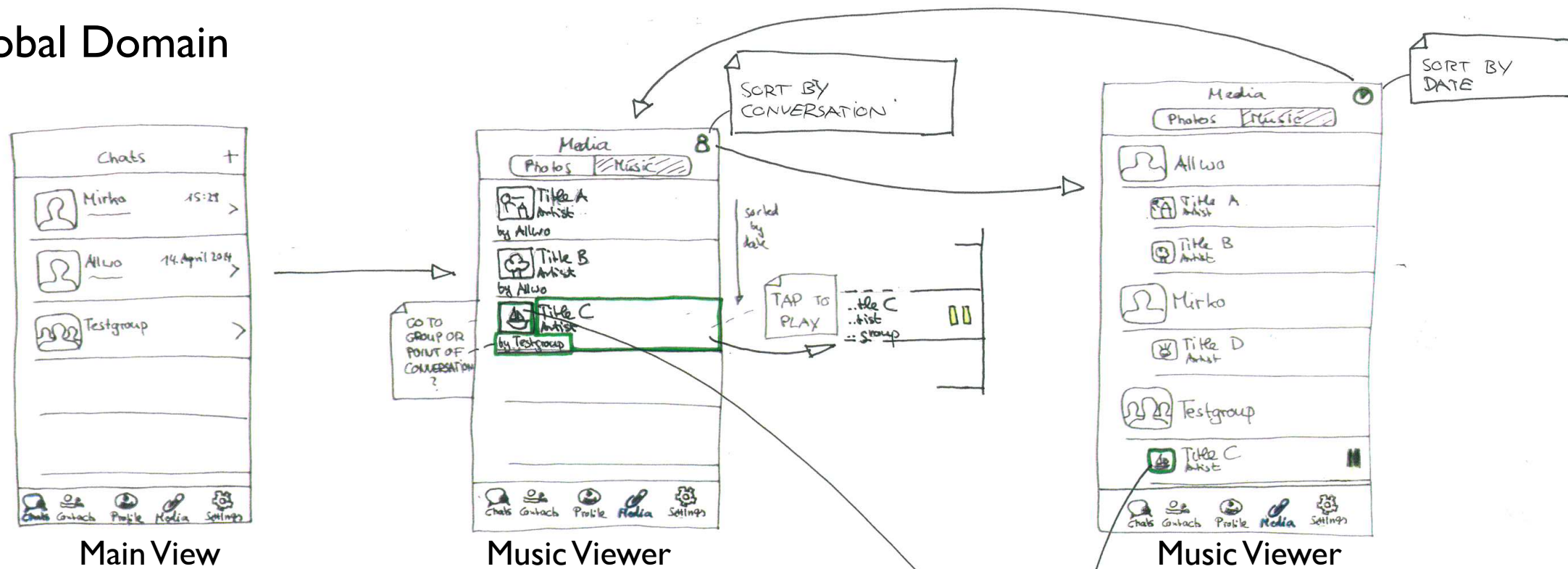


Conversation Domain

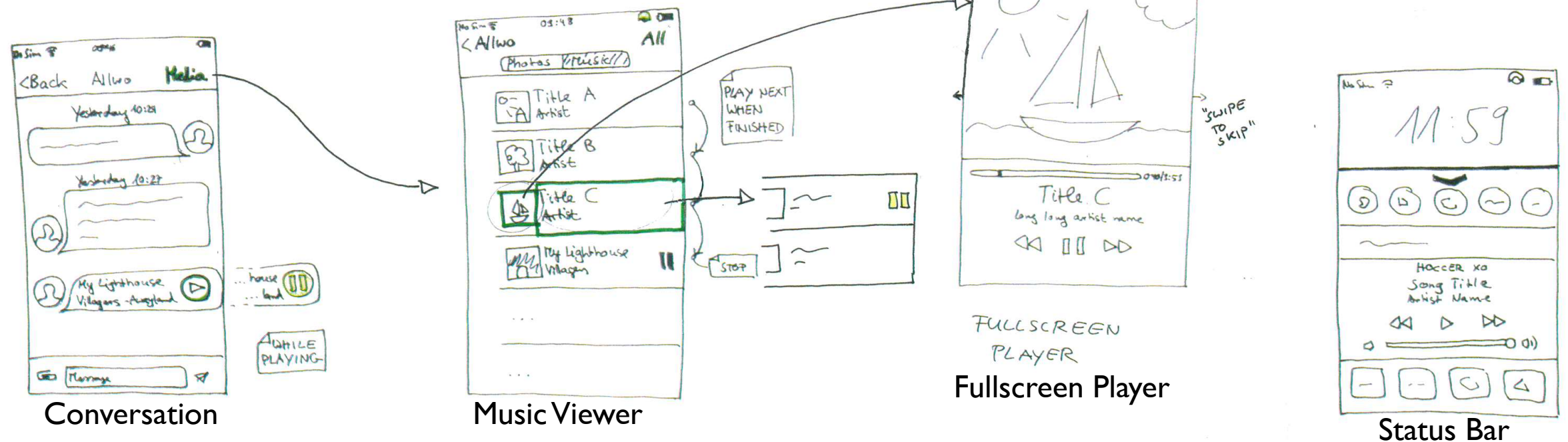


Controls: iOS

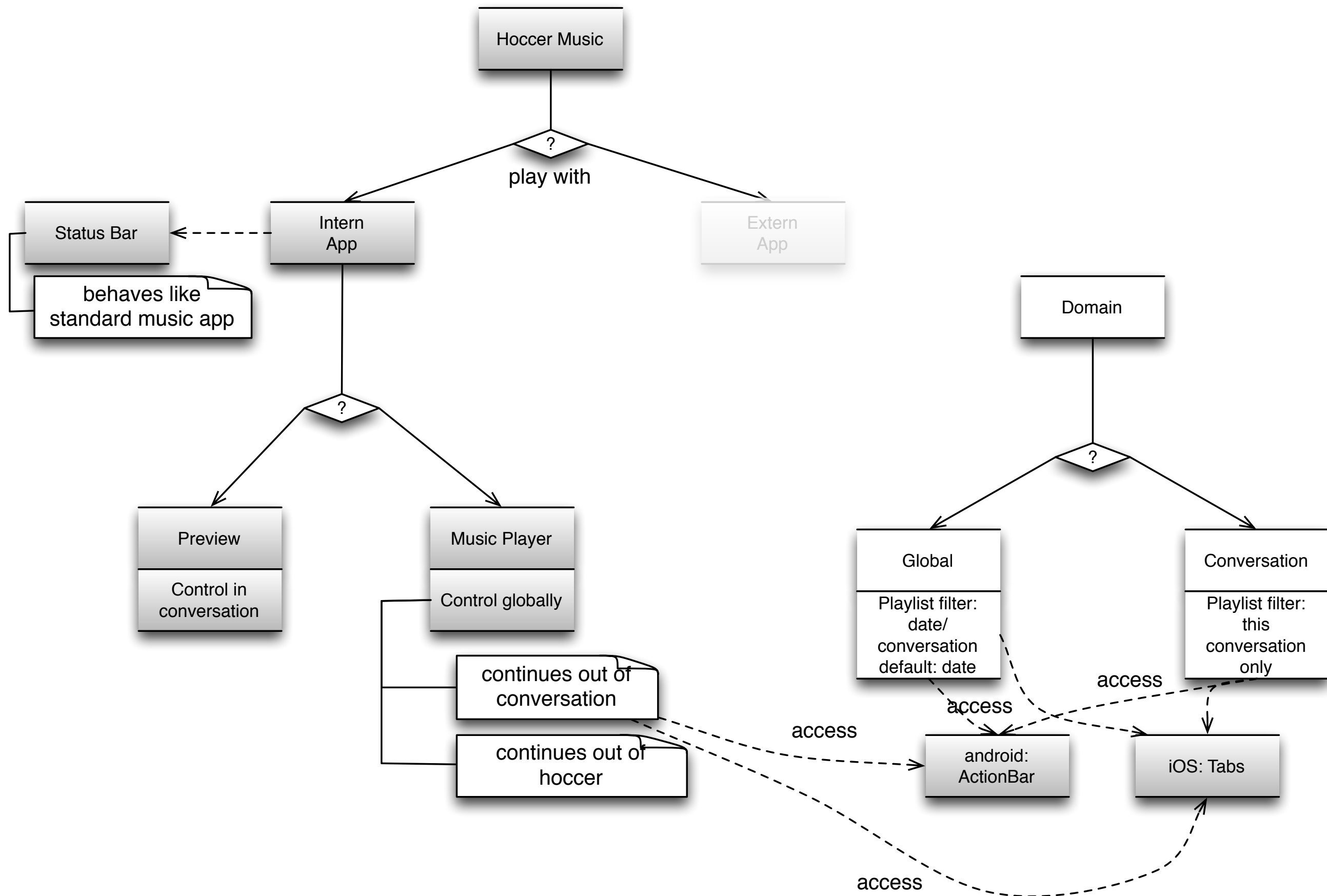
Global Domain



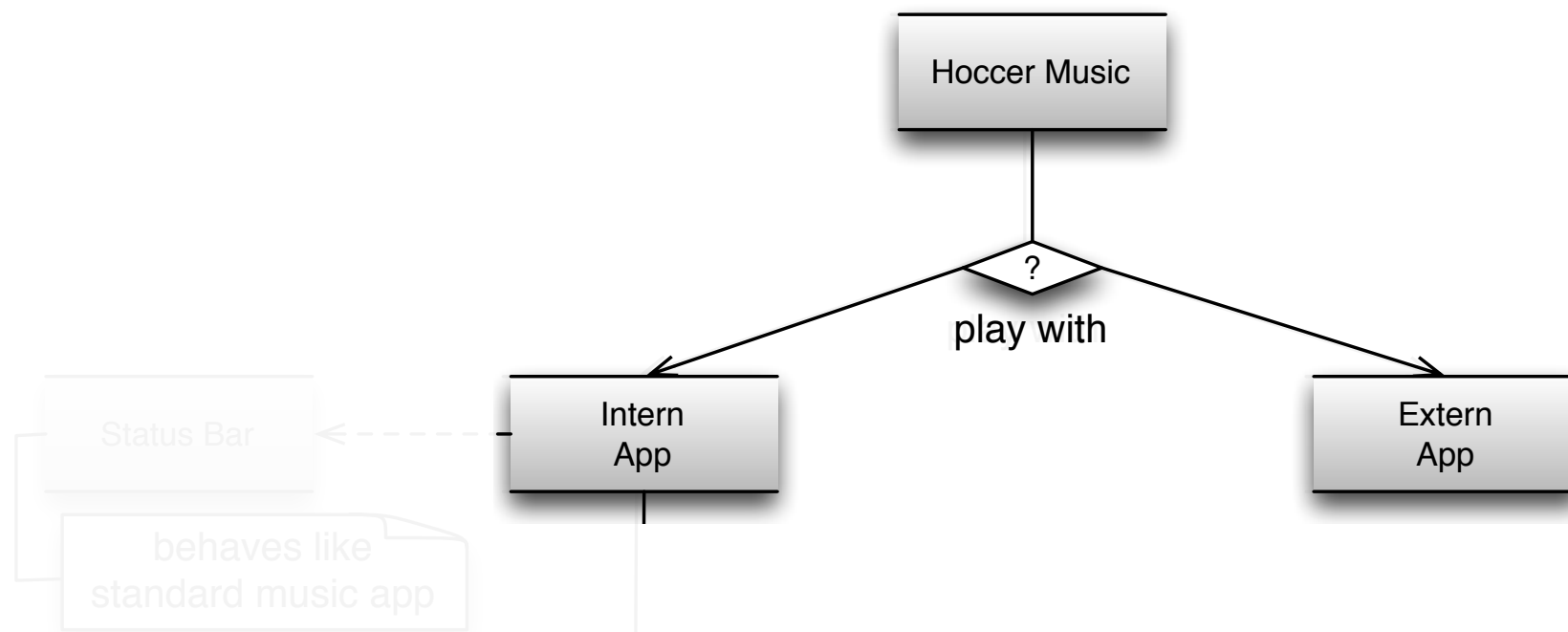
Conversation Domain



Overview



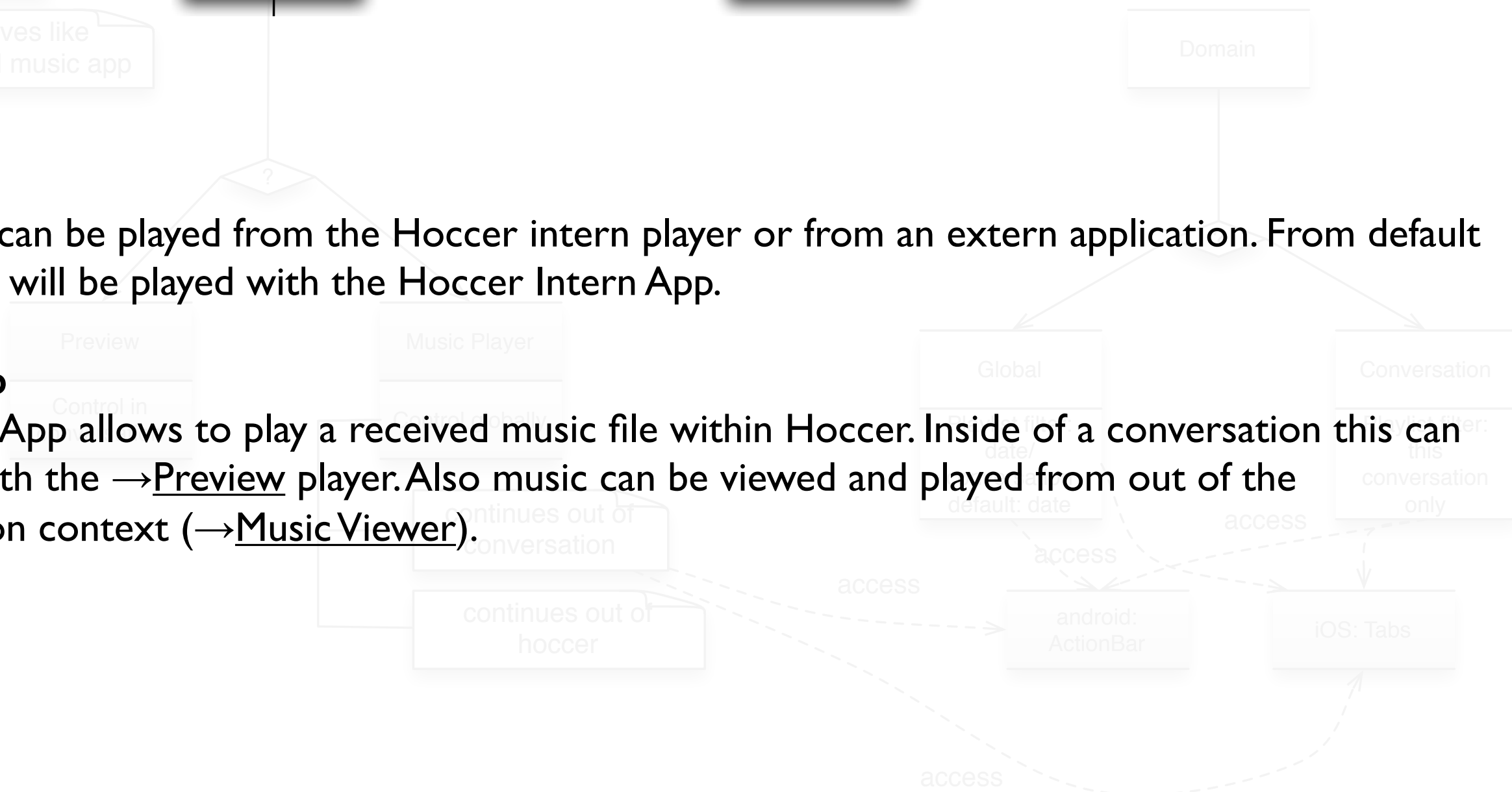
Hoccer Music



Music files can be played from the Hoccer intern player or from an extern application. From default a music file will be played with the Hoccer Intern App.

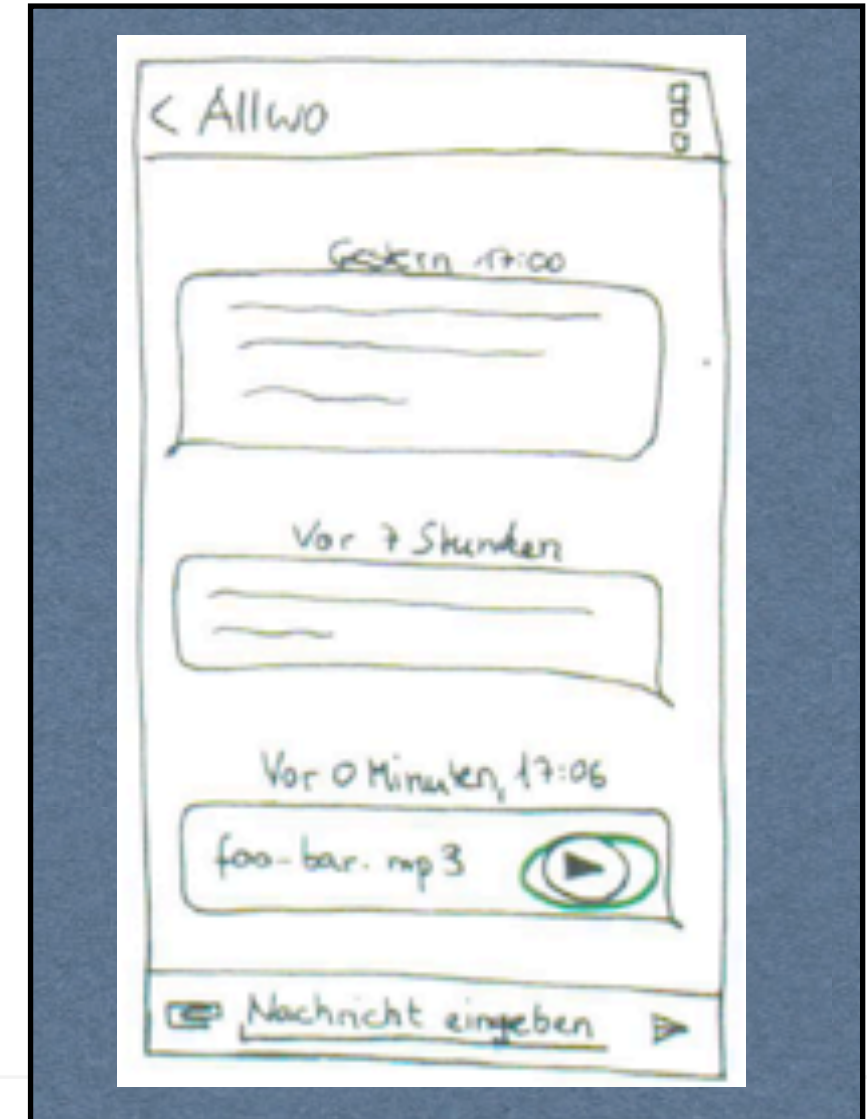
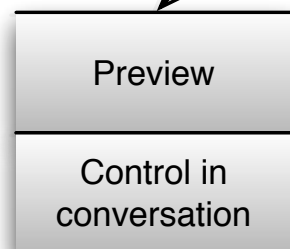
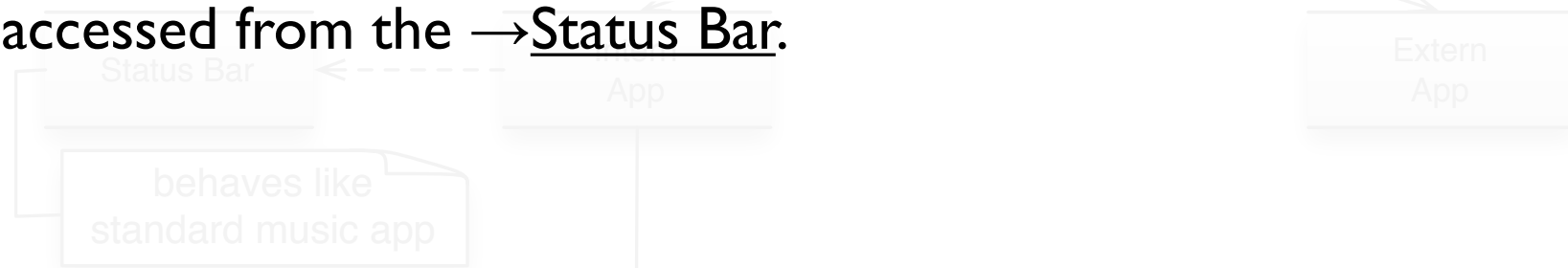
Intern App

The Intern App allows to play a received music file within Hoccer. Inside of a conversation this can be done with the →Preview player. Also music can be viewed and played from out of the conversation context (→Music Viewer).



Preview

If the user received a music file in a conversation it is presented in the shape of a message with the textual content of the artist and the track title. A Play button provides the option to start the playback of the music file instantly. If a music file is started it will play in the background and can be accessed from the → Status Bar.



Fullscreen Player

Status Bar

Show service icon while music is playing

Action Bar

Back-Button

Track Title + Artist Name

Go to current playlist (1)

- Global Playlist
- Conversation Playlist

Artwork

Image (default: Hoccer logo)

Play time/Duration

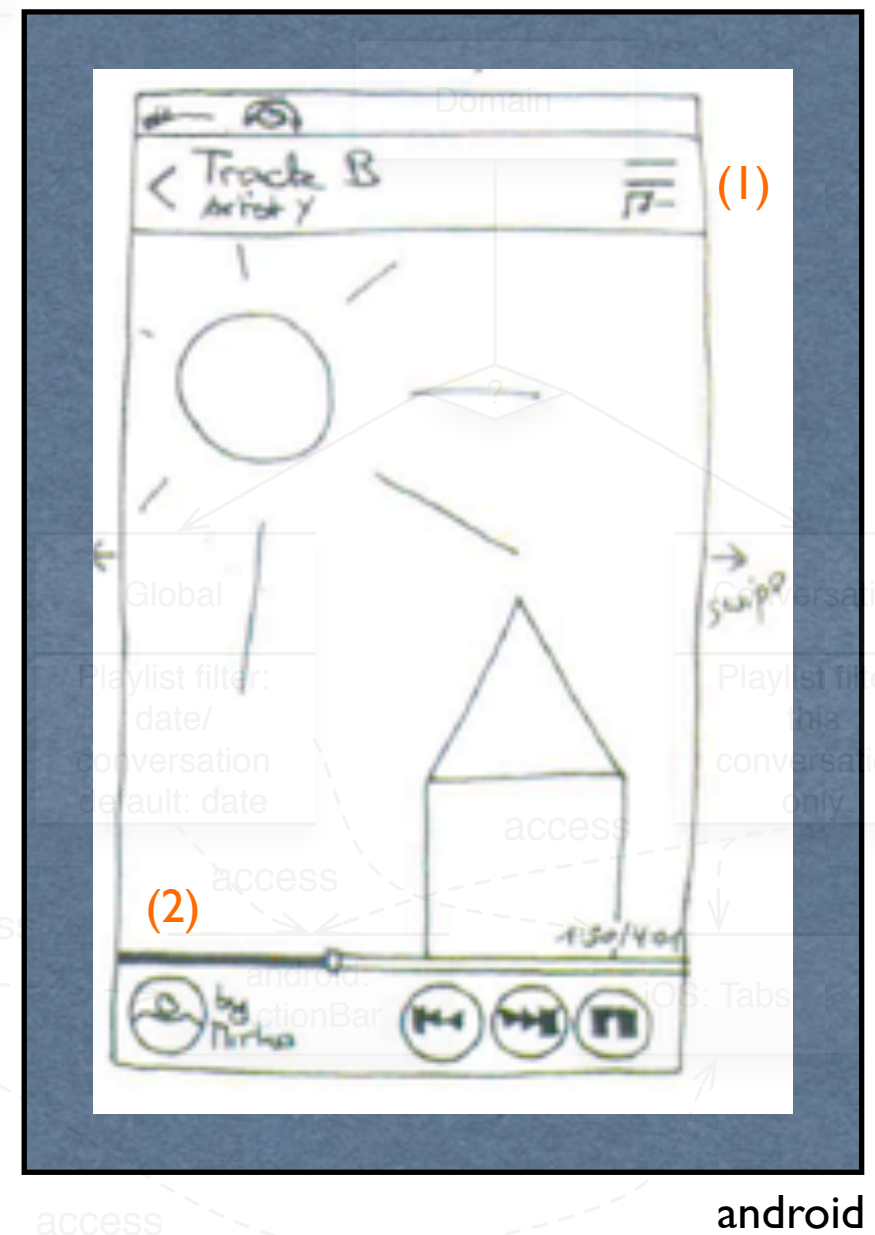
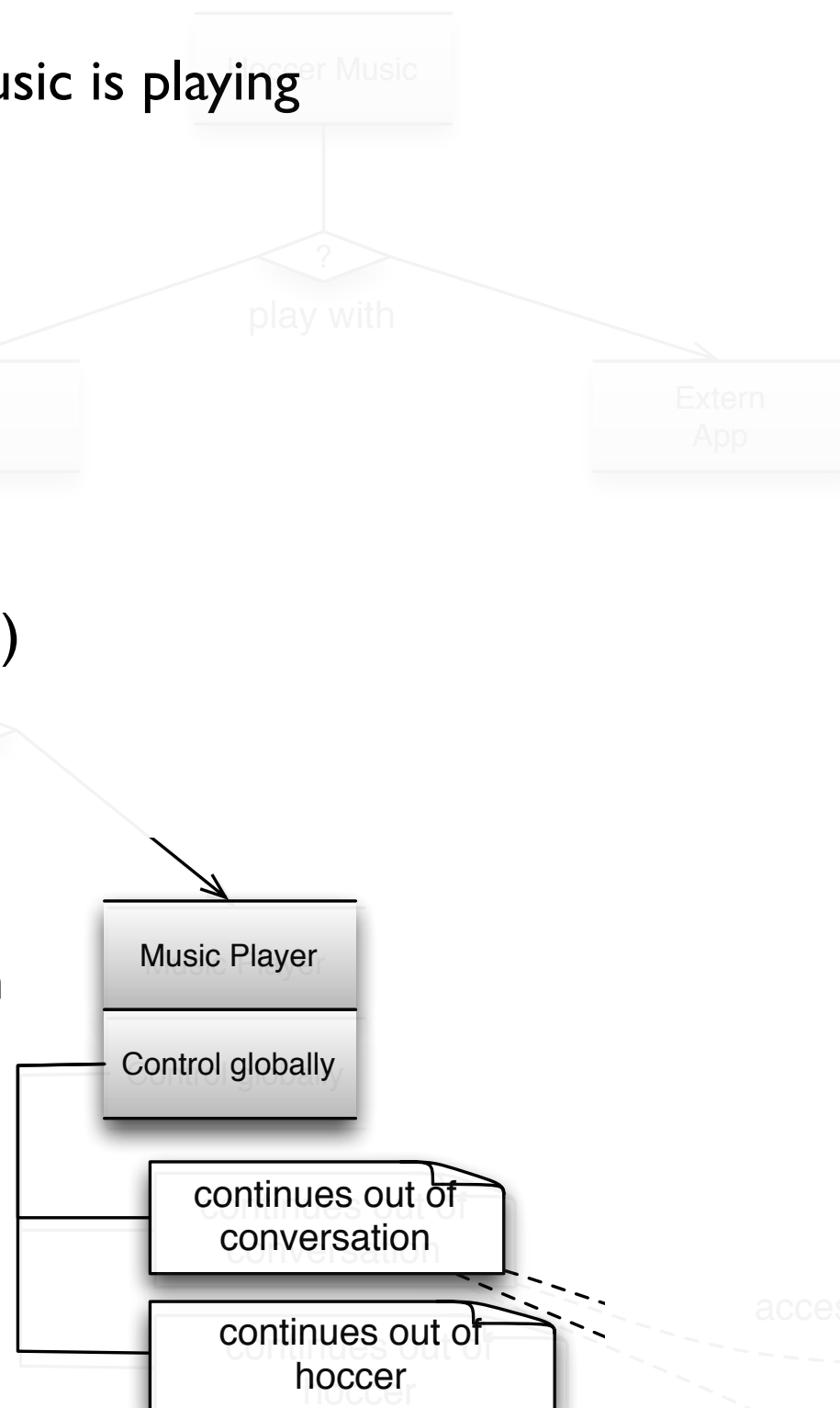
Controls

ProgressBar + Slider

Conversation Context (2)

- indicates the conversation
- button directs you to the conversation

Play Controls



Fullscreen Player

Navigation Bar

Back on „Media“

Go to current playlist (1)

- Global Playlist
- Conversation Playlist

Conversation Context (2)

- indicates the conversation
- button directs you to the conversation

Artwork

Image (default: Hoccer logo)

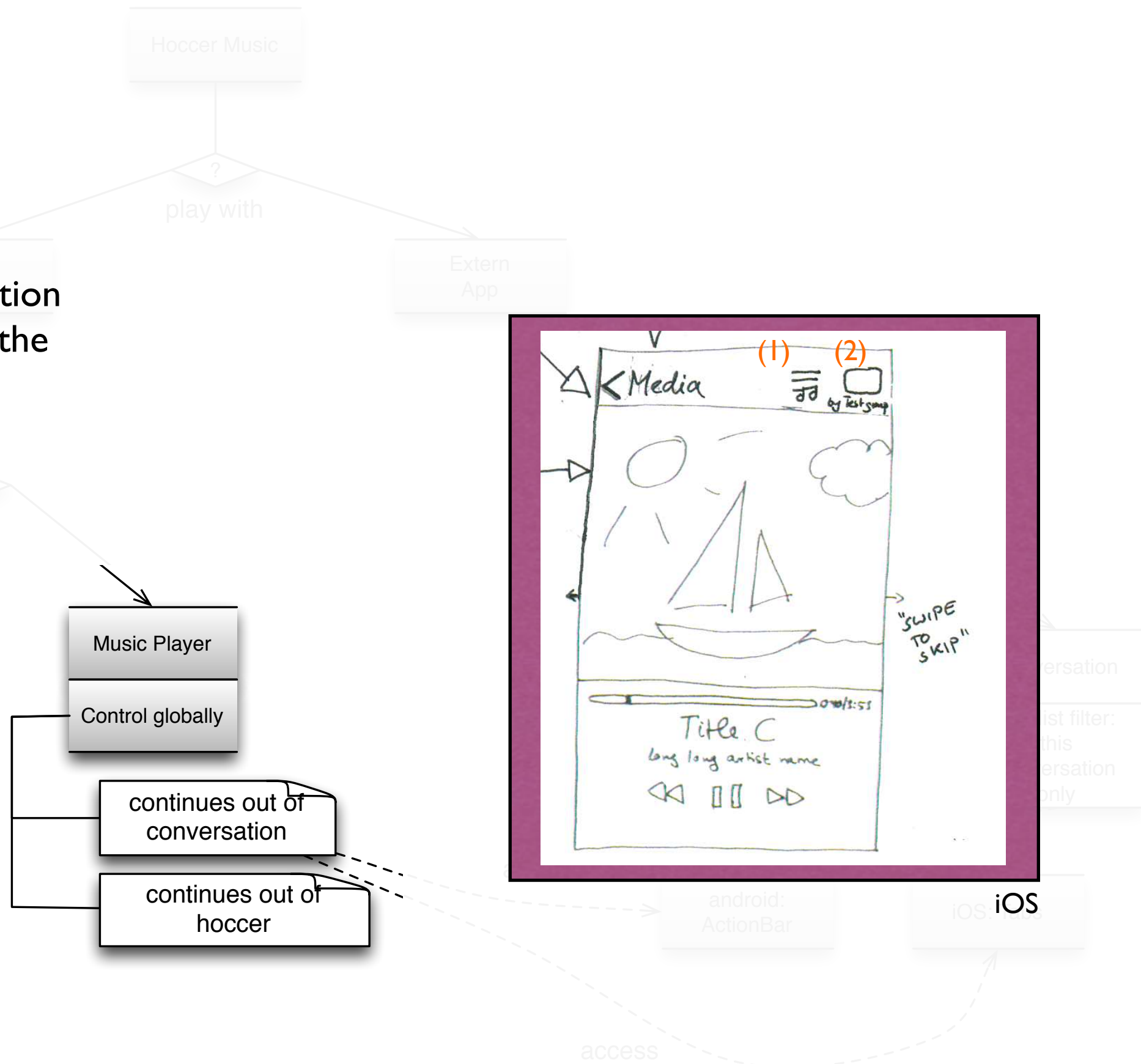
Controls

ProgressBar + Slider

Play time/Duration

Track Title + Artist Name

Play Controls



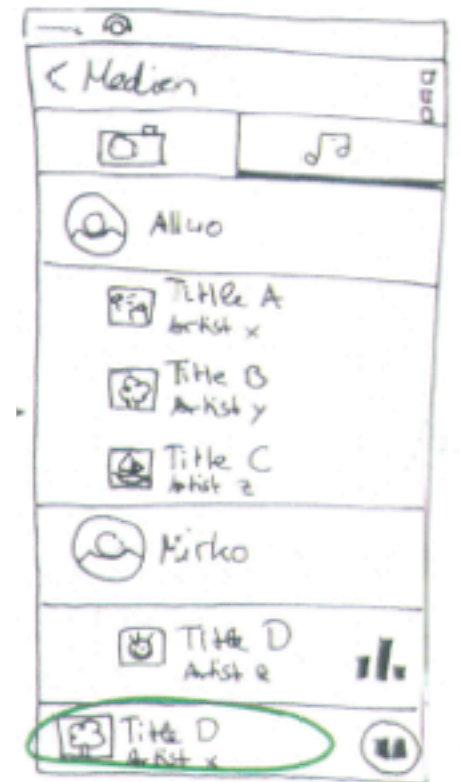
Music Viewer

The → Fullscreen Player (2) can be accessed from the global Music Viewer (1) as well as from the Music Viewer coming from the conversation perspective (3). The → Fullscreen Player contains standard controls like Play and Pause as well as Forward and Backward. The behavior of Forward and Backward depends on the preset order. In the global Music Viewer (1) the content is sorted chronologically, but this order can be changed to „order by conversation“. Hence, Forward and Backward in the → Fullscreen Player will set the current played track to previous or following music file of the chronologically or conversationally ordered list in the global Music Viewer (1). Vice versa, the current track is switched to the chronologically previous or following music file in the list of the Music Viewer from the conversation (3).

Android Example:

One possible solution for Android: The Music Viewer in Android shows the current selected and played music file at the bottom. The artist name and the track title are displayed, the album cover is shown on its left, a Pause button on the right. This is analogue to the track behavior of Google Play Music.

Alternative: see iOS → Music Viewer.



(1)



(3)

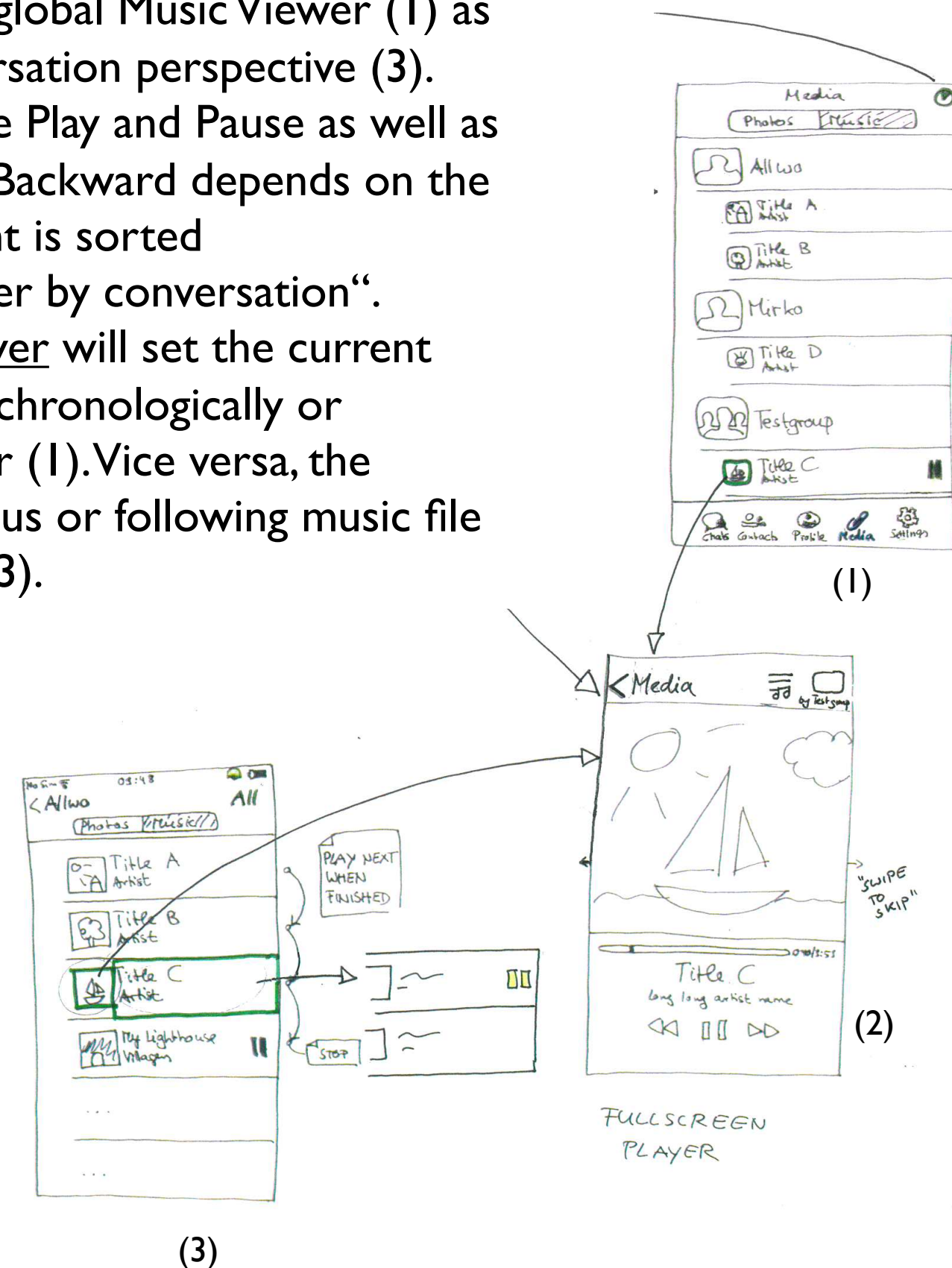
android

Music Viewer

The → Fullscreen Player (2) can be accessed from the global Music Viewer (1) as well as from the Music Viewer coming from the conversation perspective (3). The → Fullscreen Player contains standard controls like Play and Pause as well as Forward and Backward. The behavior of Forward and Backward depends on the preset order. In the global Music Viewer (1) the content is sorted chronologically, but this order can be changed to „order by conversation“. Hence, Forward and Backward in the → Fullscreen Player will set the current played track to previous or following music file of the chronologically or conversationally ordered list in the global Music Viewer (1). Vice versa, the current track is switched to the chronologically previous or following music file in the list of the Music Viewer from the conversation (3).

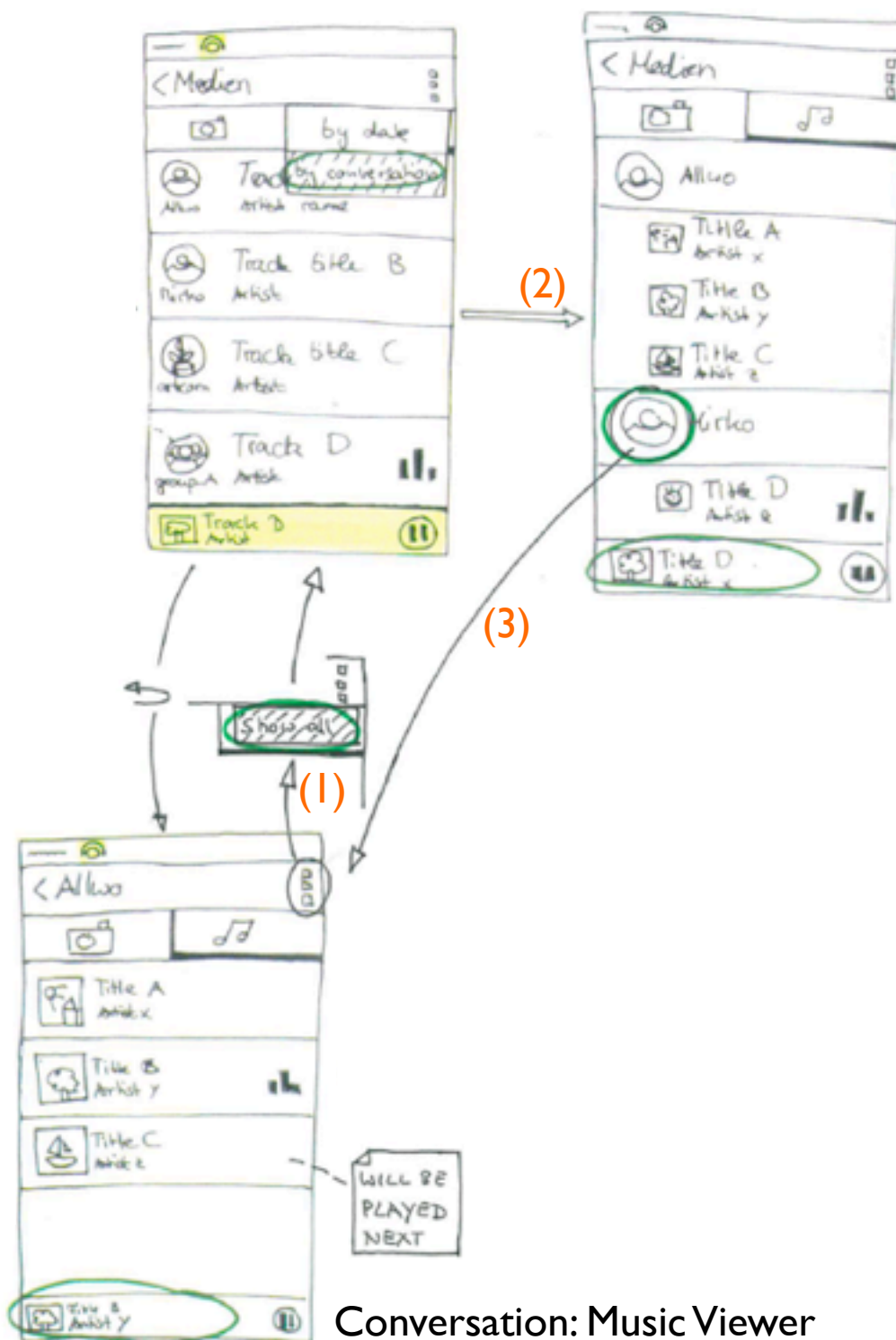
iOS Example:

The Music Viewer in iOS a Pause button next to the currently running track in the playlist. Clicking the art cover leads to the Fullscreen Player, clicking on the list item beside the cover will start the playback of the music file.



Music Viewer: Navigate between scopes (concept)

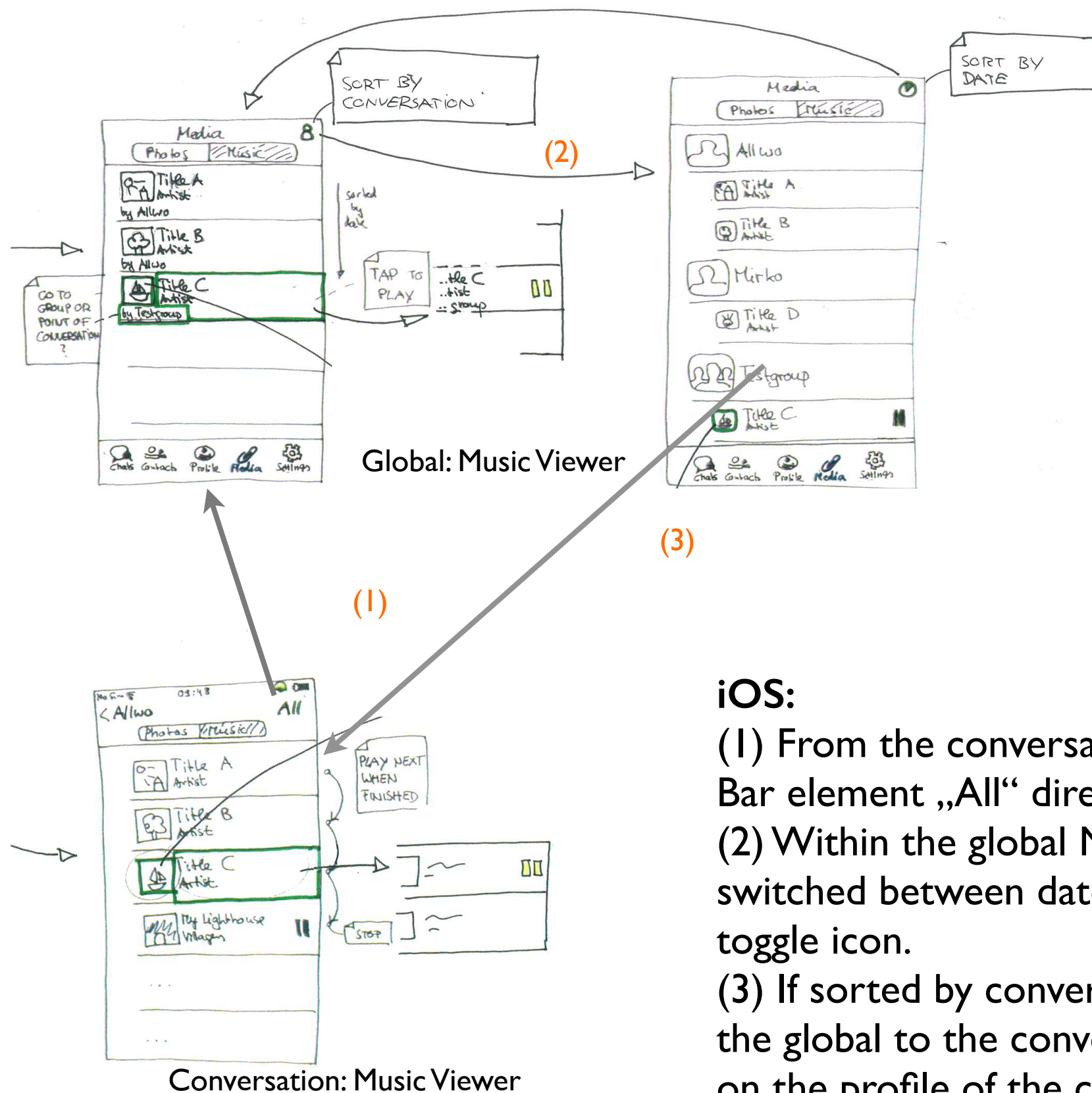
Global: Music Viewer



Android:

- (1) From the conversation Music Viewer an ActionBar element „show all“ directs to the global Music Viewer.
- (2) Within the global Music Viewer the ordering can be switched between dateTime and conversation.
- (3) If sorted by conversation, it can be switched from the global to the conversation Music Viewer by clicking on the profile of the conversation partner or group.

Music Viewer: Navigate between scopes (concept)



iOS:

- (1) From the conversation Music Viewer an Navigation Bar element „All“ directs to the global Music Viewer.
- (2) Within the global Music Viewer the ordering can be switched between date and conversation with a toggle icon.
- (3) If sorted by conversation, it can be switched from the global to the conversation Music Viewer by clicking on the profile of the conversation partner or group.

Playlists

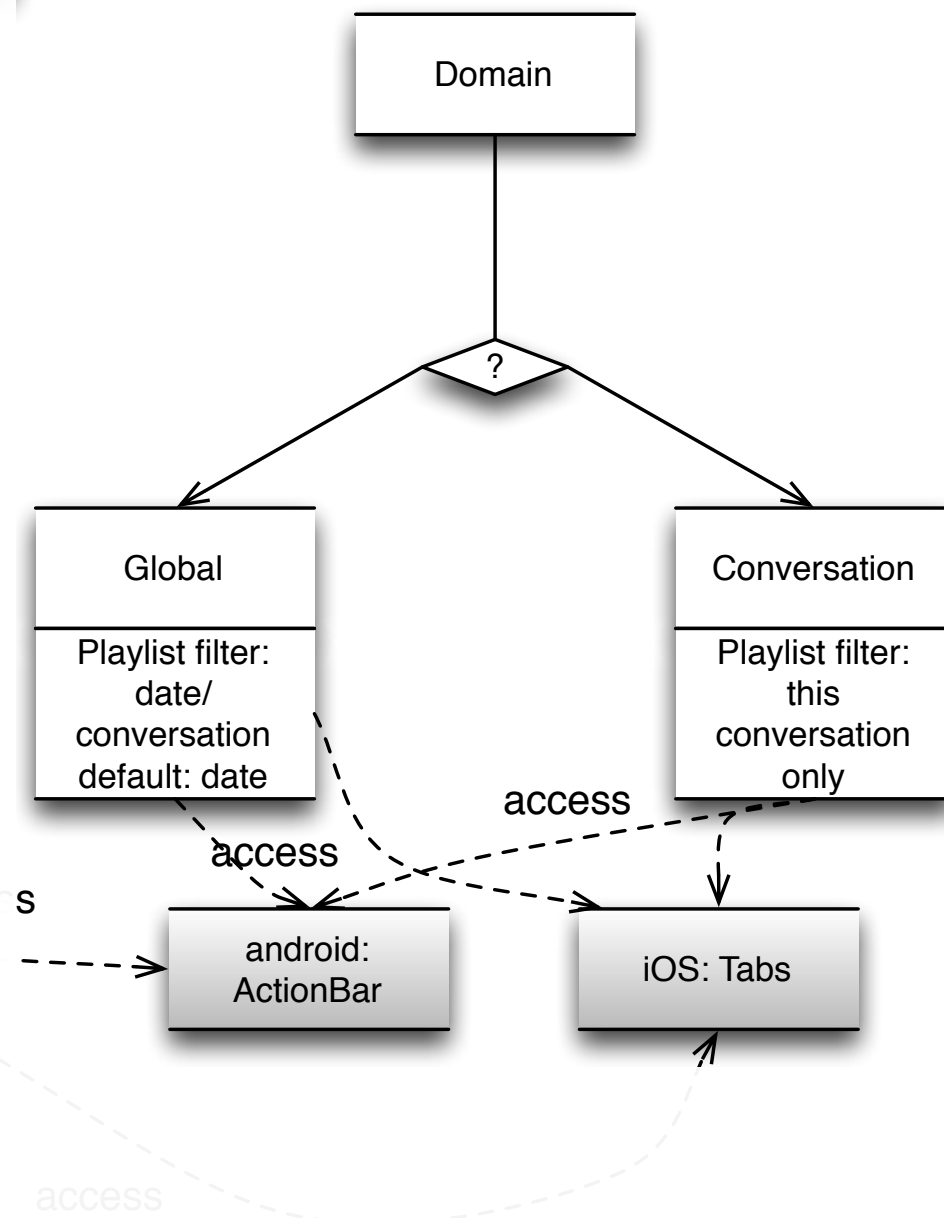
In Hoccer two domains must be distinguished that allow different perspectives. The user is within the → Global Domain when the app is opened and the main view is presented.

Global Domain:

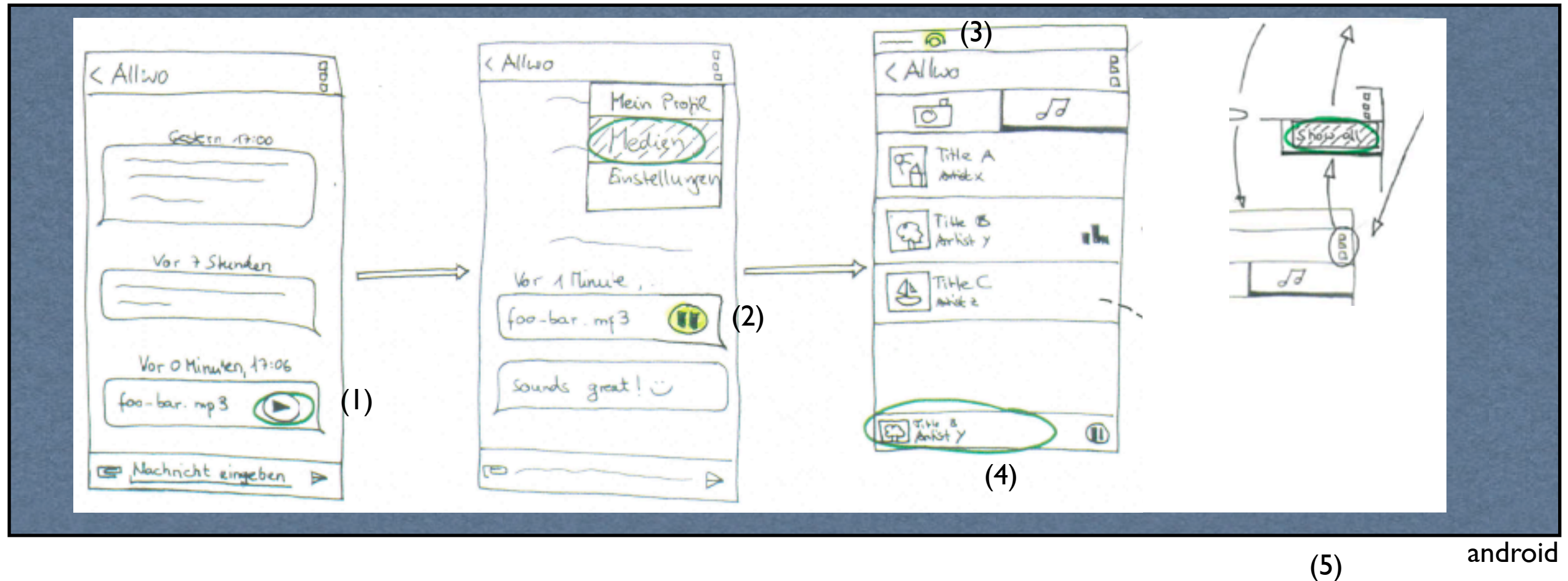
In that domain the user has access to all conversations or rather contacts. Opening the → Music Viewer from this domain will show a playlist all media received from anyone, filtered by its type (audio, images, ...).

Conversation Domain:

In that domain the user sees only the current conversation. Opening the → Music Viewer from this domain will show a playlist of the media received by this contact only, filtered by its type (audio, images, ...).



Playlist: Conversation



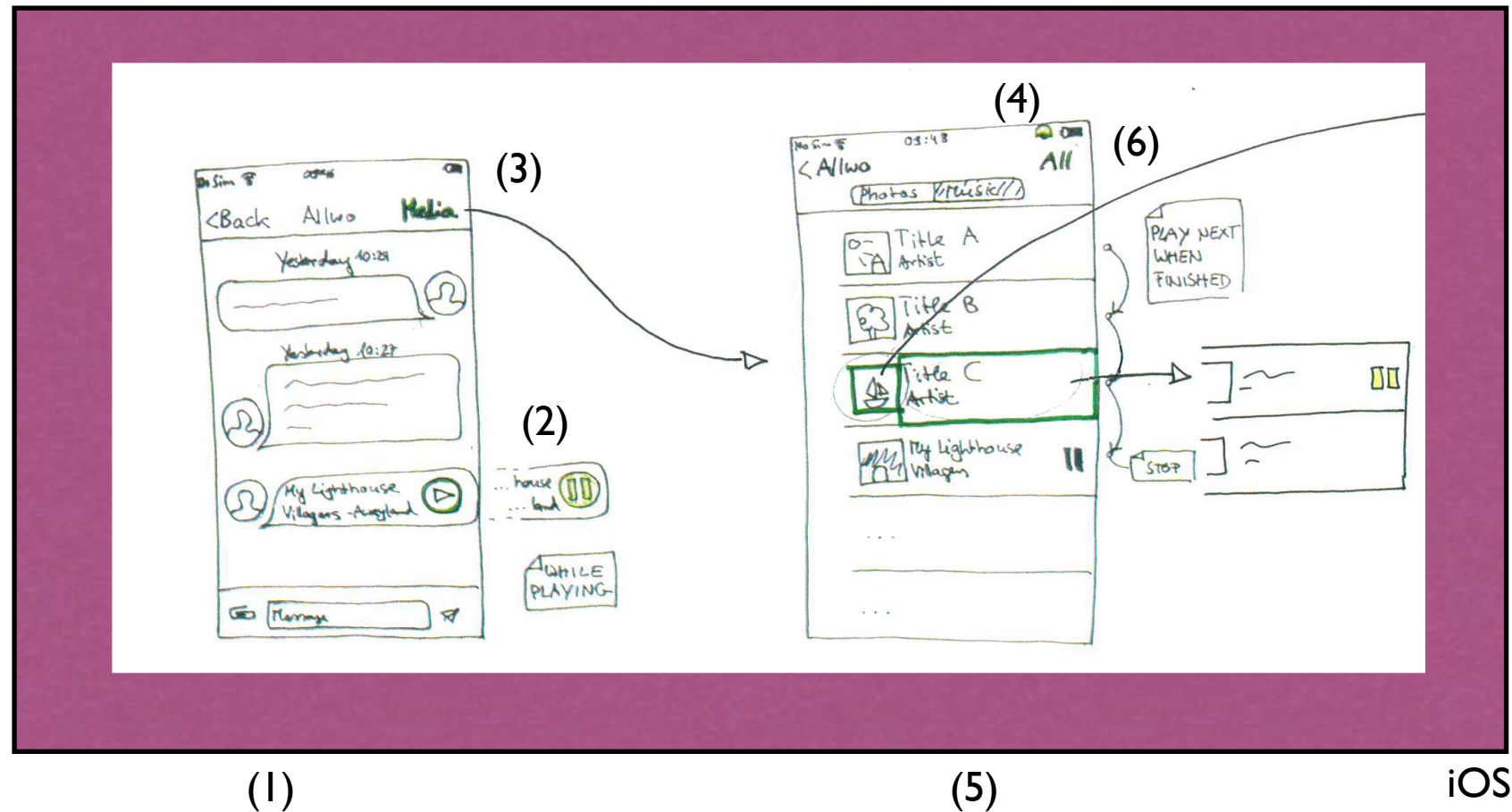
In the current conversation a received music file can be opened by selecting the Play button next to the input text field (1).

The play button changes its shape to a Pause button, if the playback should be paused (2).

Meanwhile the music plays in the background (3).

In the ActionBar the user finds the entry „Medien“ that can be triggered to open the →Music Viewer (4). It shows the media (audio, images, ...) received within this conversation only. The Title Bar shows the name of the current conversation partner; clicking on it will return the user to the actual conversation (1). A filter „show all“ (5) can be triggered that allows switching to the →Global Domain and displaying the media information of all conversations. At the bottom of the activity the current played music file is displayed. Clicking on it will lead to the →Fullscreen Player.

Playlist: Conversation



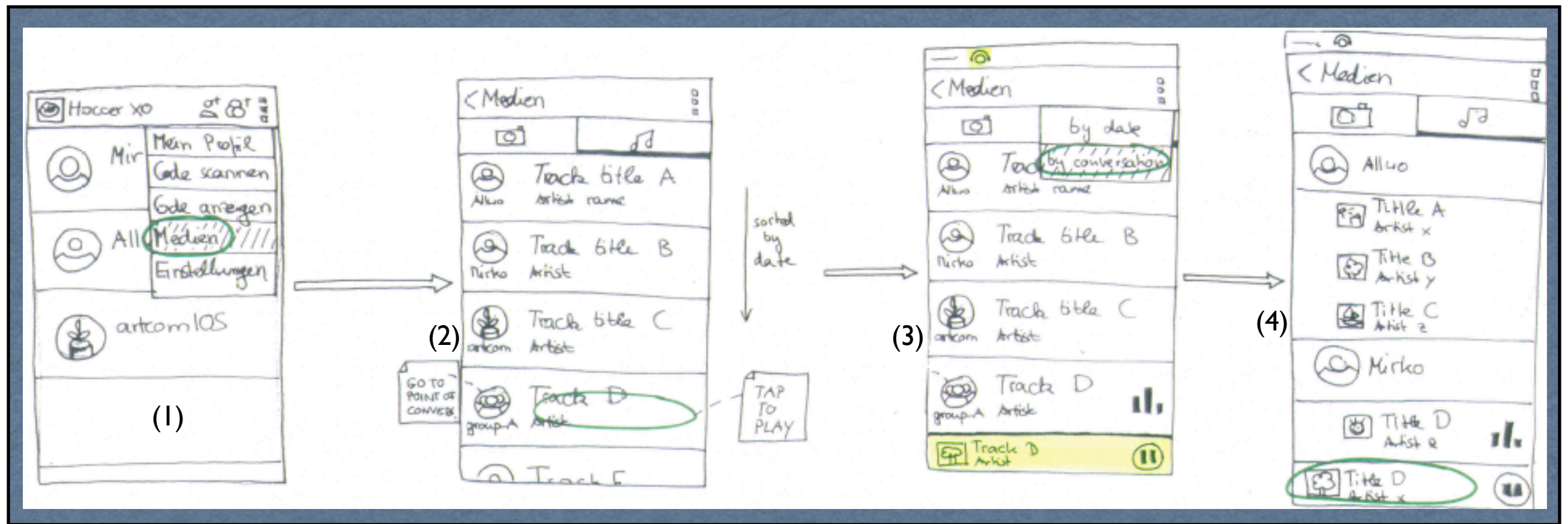
In the current conversation a received music file can be opened by selecting the Play button next to the input text field (1).

The play button changes its shape to a Pause button, if the playback should be paused (2).

Meanwhile the music plays in the background (4).

In the NavBar the user finds the entry „Media“ (3) that can be triggered to open the →Music Viewer (5). It shows the media (audio, images, ...) received within this conversation only. The Navigation Bar shows the name of the current conversation partner as a button to return to the previous conversation (1). A filter „All“ (6) can be triggered that allows switching to the →Global Domain and displaying the media information of all conversations.

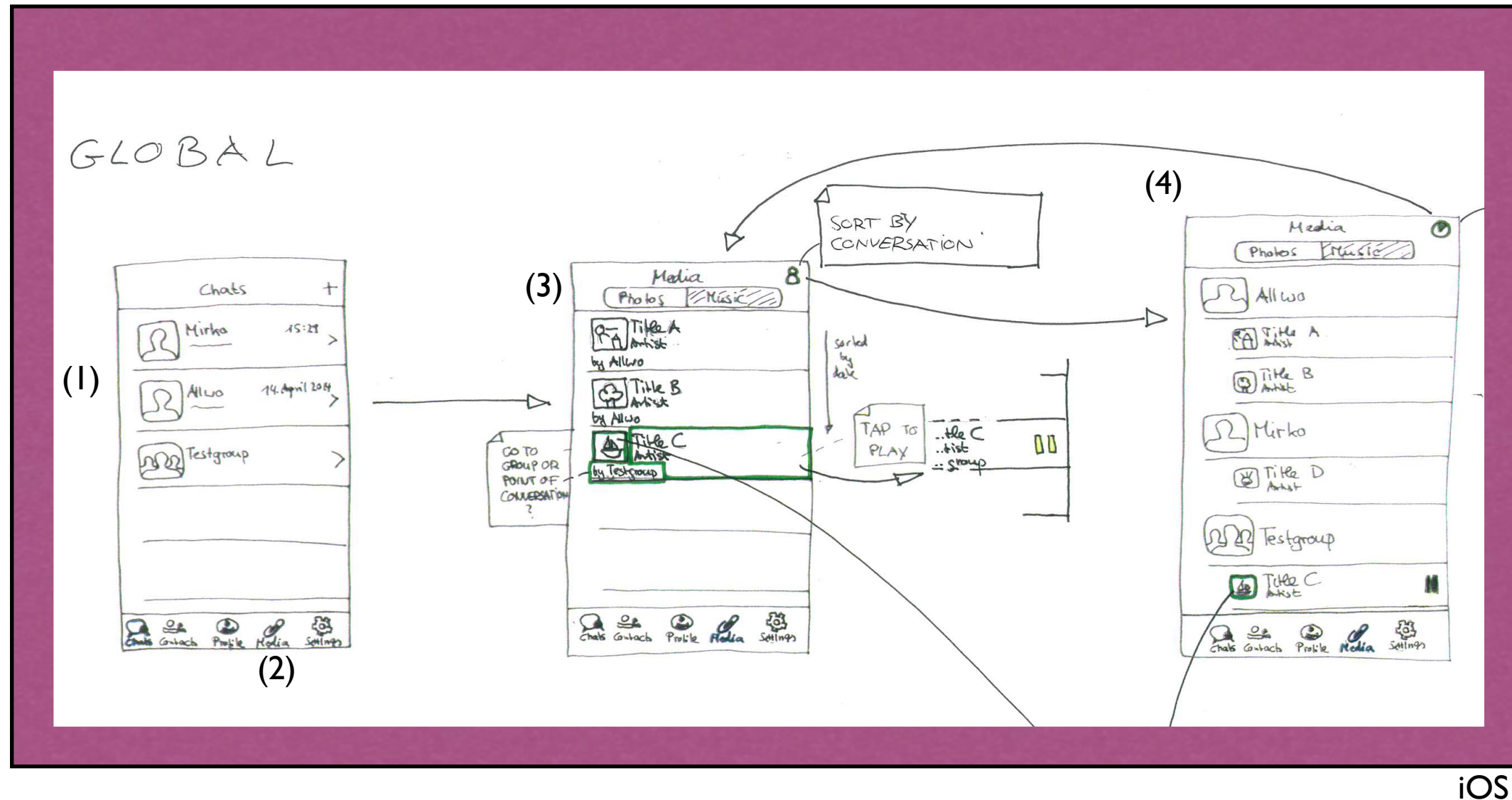
Playlist: Global



android

Opening Hoccer shows all conversations or rather all available contacts (1). Opening the ActionBar shows the entry „Medien“ that leads to the →Music Viewer listing the media from all conversations in a chronological order by default (2). The type of media is filtered with tabs. By the selection of a tab the filter of the media content can be changed. Beside the default chronological order the content can be sorted by conversations (4). At the bottom of the activity the current played music file is displayed. Clicking on it will lead to the →Fullscreen Player

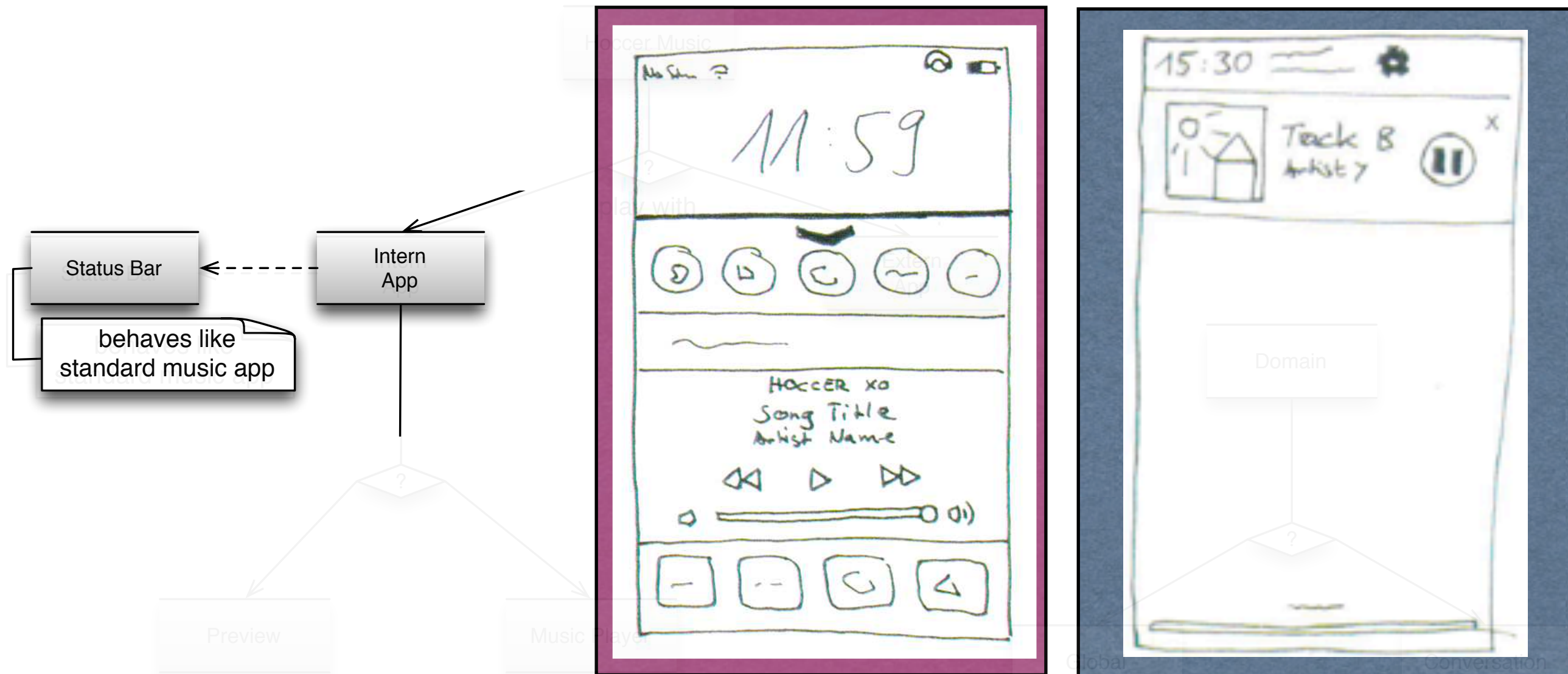
Playlist: Global



iOS

Opening Hoccer shows all conversations or rather all available contacts (1). The Tab Bar shows the entry „Media“ (2) that leads to the → Music Viewer (3) listing the media from all conversations in a chronological order by default. The type of media is filtered with tabs. By the selection of a tab the filter of the media content can be changed. By a toggle button the order of the content can be switched between date time and conversation (4).

Status Bar & Notification Controls



As soon as a music file is started from Hoccer the intern player is accessible via the Status Bar no matter if the user is still in the Hoccer app or using another.

iOS:

The Status Bar is dragged from the bottom.

Android:

The Status Bar is dragged from the top.