



Share & Discover, Only on JamStream

JamStream

IM3180 Group 4

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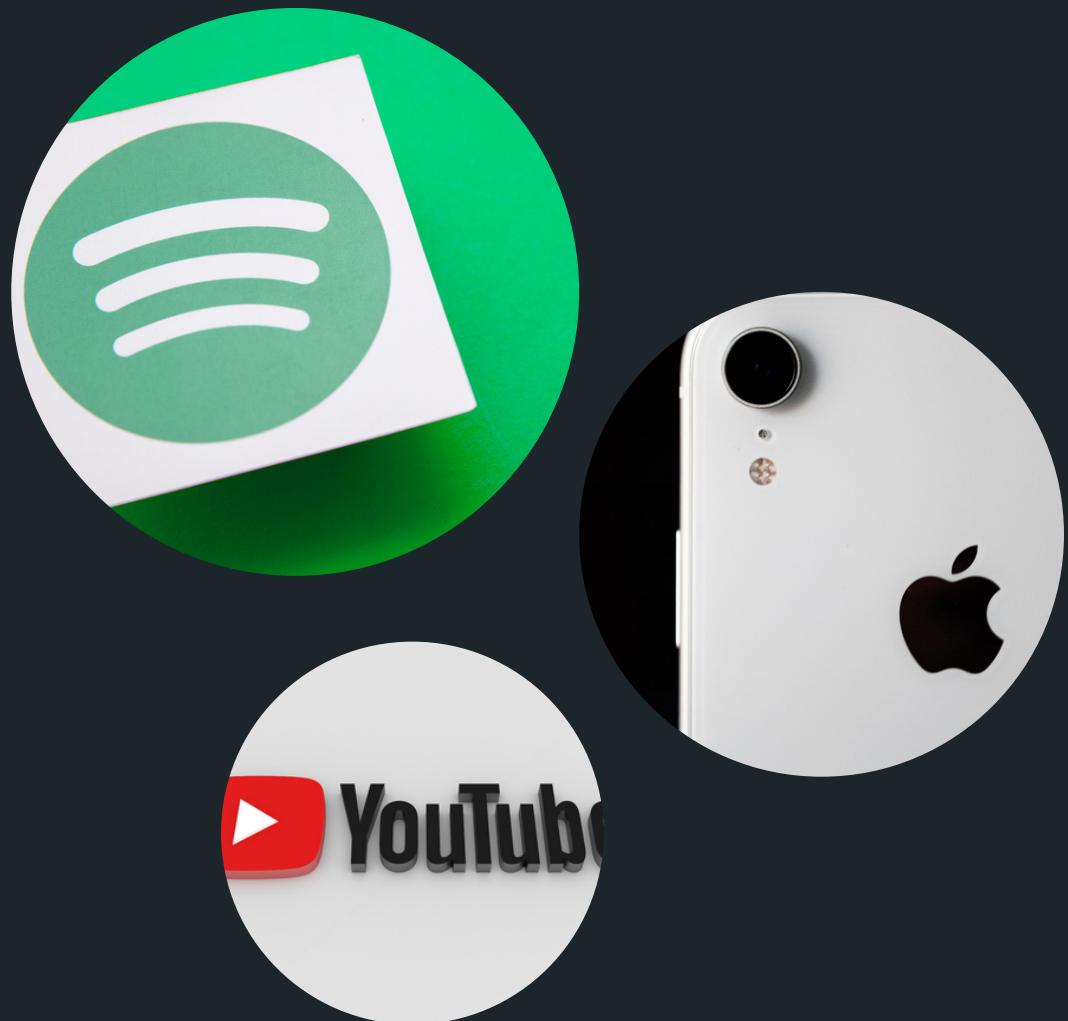
Content

- 1. Motivations
- 2. Objectives
- 3. Review of Technology
- 4. Interface Design
- 5. System Design
- 6. Features
- 7. Challenges & Limitations
- 8. Video & Poster
- 9. Demo

1. Motivations

Key Market Players

Industry dominated by few music streaming services, all with similar features.



Lack of dedicated social elements

Existing apps focus on curating personal playlists and lack a space where users can share their experience with the broader online community

Filter Bubble Effect

Algorithm-driven recommendations trap users in a 'filter bubble' that aligns with existing preferences. Users should be encouraged to explore more on their own.

2. Objectives



Enhance virtual socialisation

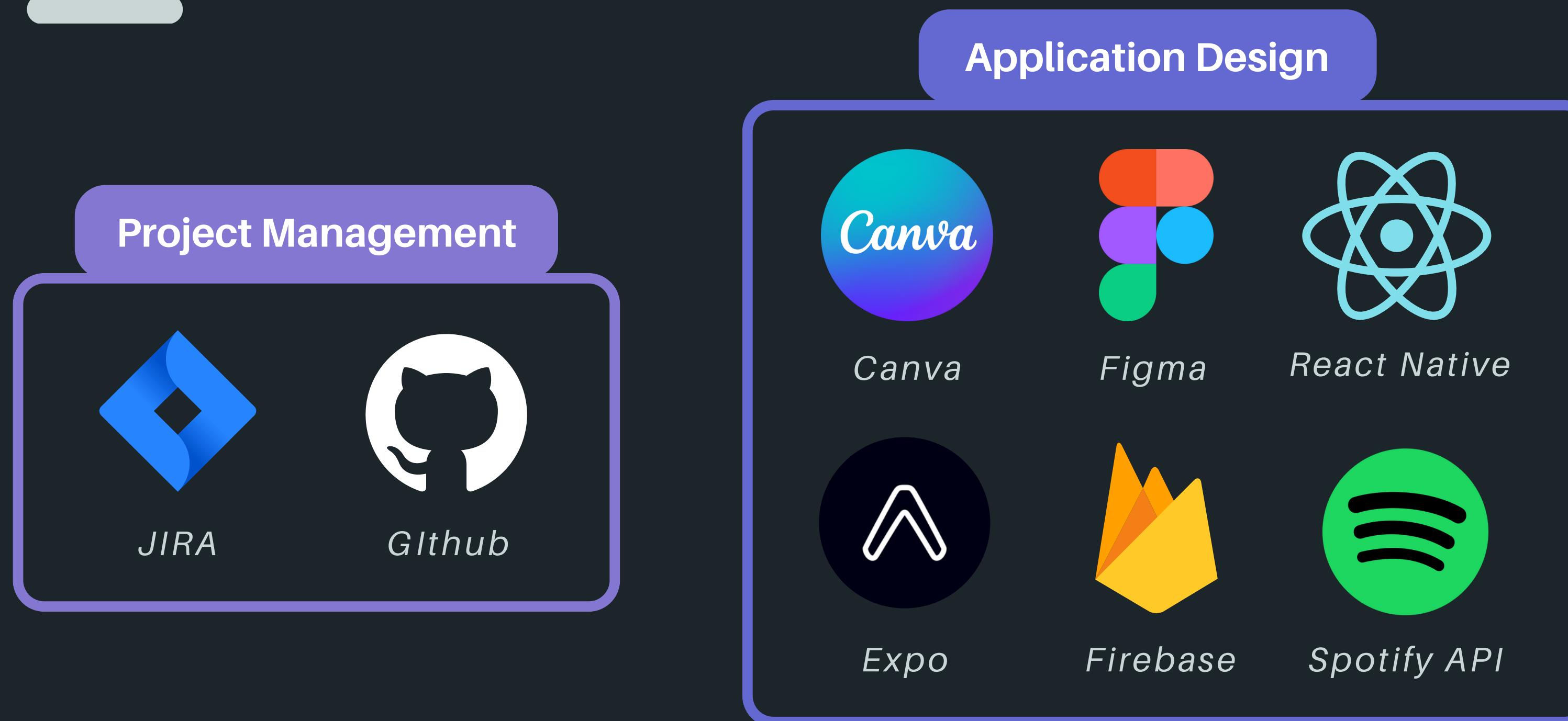
Elevate the shared experience by providing a space where users can gather, exchange and bond over music.



Stimulate music discovery

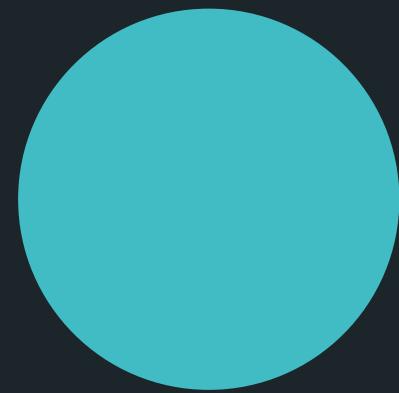
Empower users with greater autonomy and freedom in exploring and discovering new music.

3. Review of Technology



4. Interface Design:

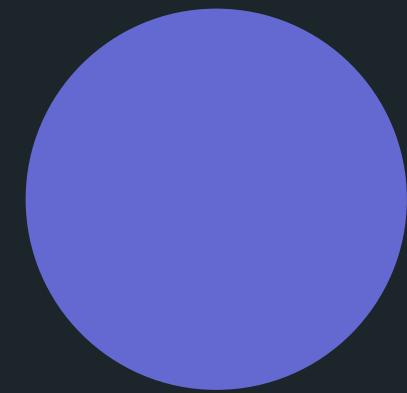
Colour Scheme



Teal



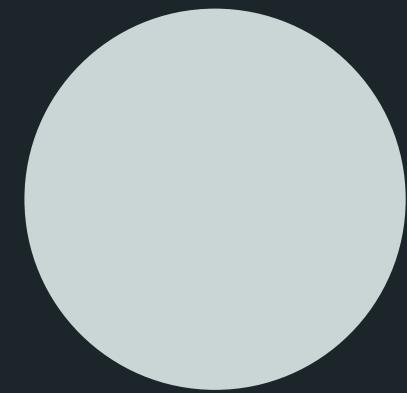
Indigo



Indigo



Rich Black



Platinum

Primary & Secondary Colours

Creativity

Enjoyment

Engaging

Light & Dark Colours

Reduces contrast and eye strain

4. Interface Design:

User Interface (UI)



Intuitive & seamless User Experience (UX)
according to Jakob's Law



Establishing visual hierarchy
while providing visual feedback

4. Interface Design:

User Experience Flow

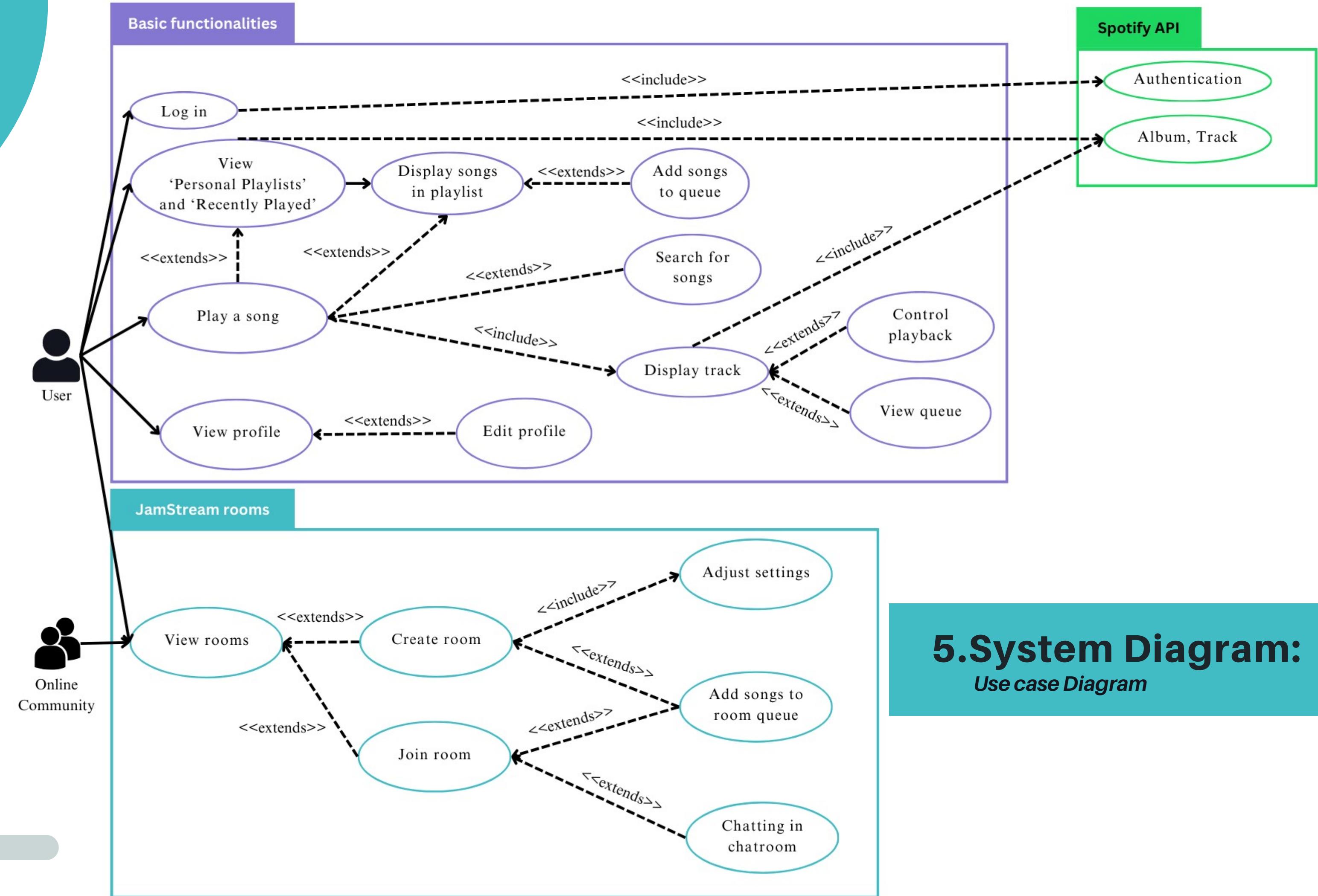


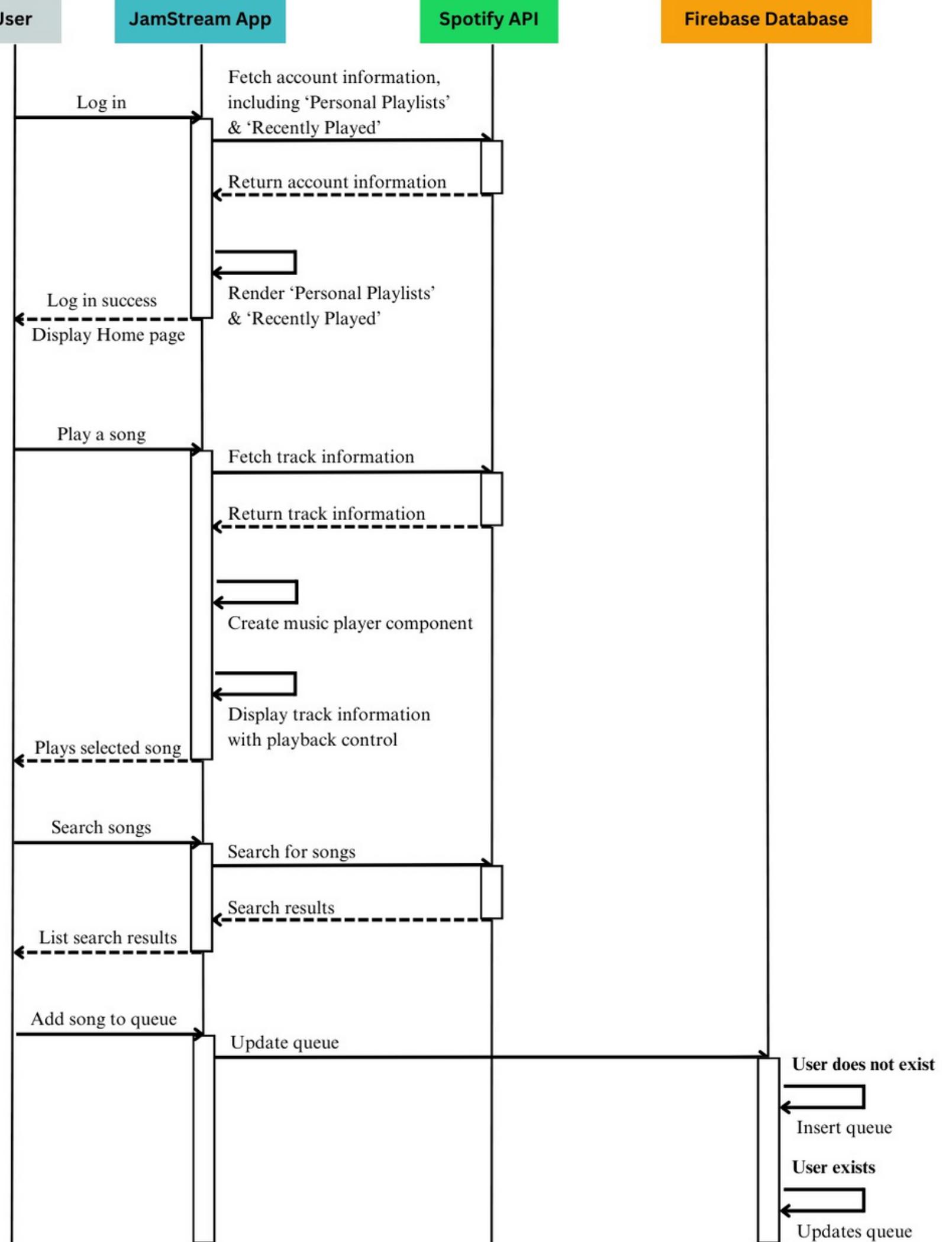
Coherent and smooth transitions
between page navigations



Queue management between
personal and room queues

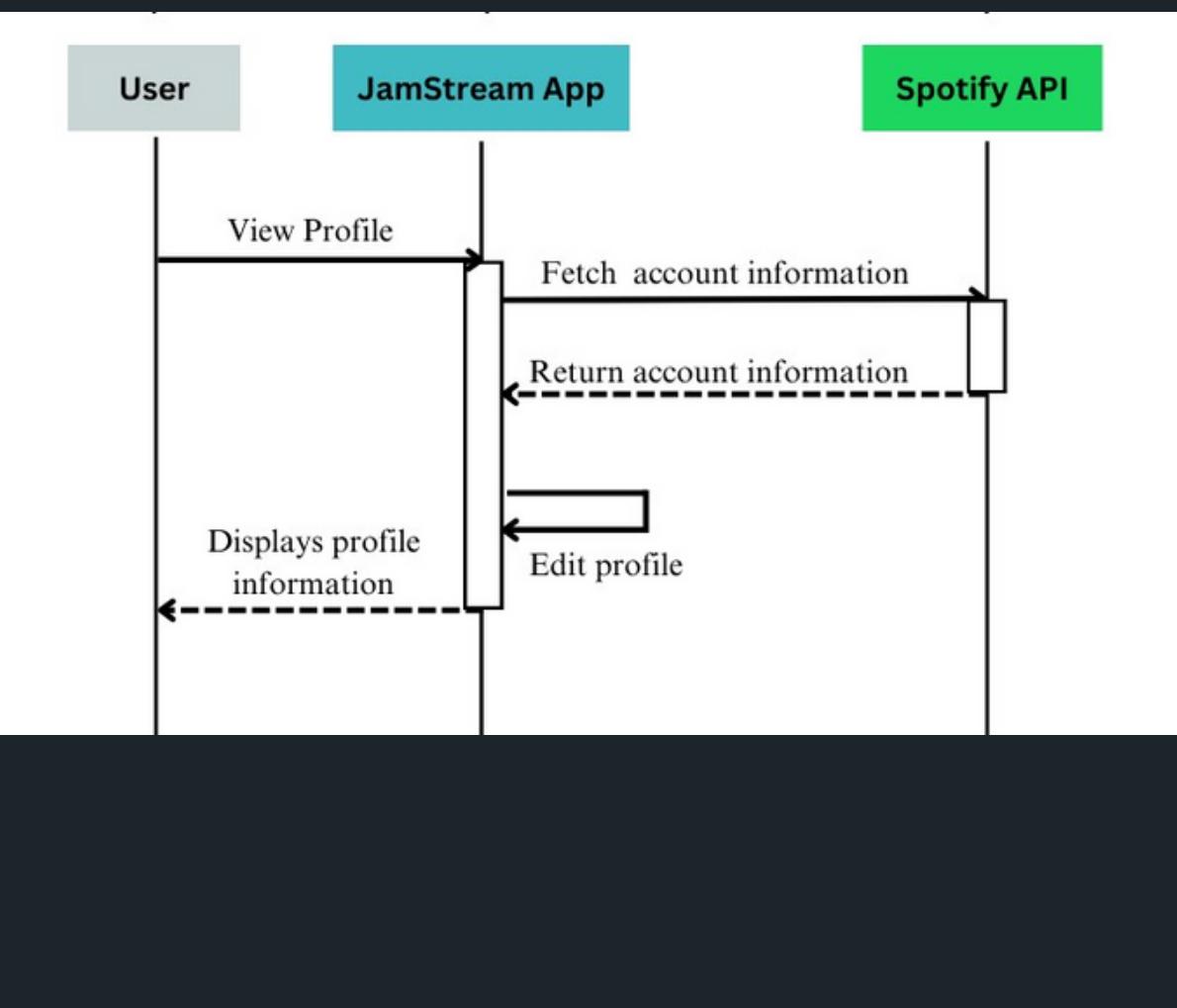
5. System Diagram: Use case Diagram





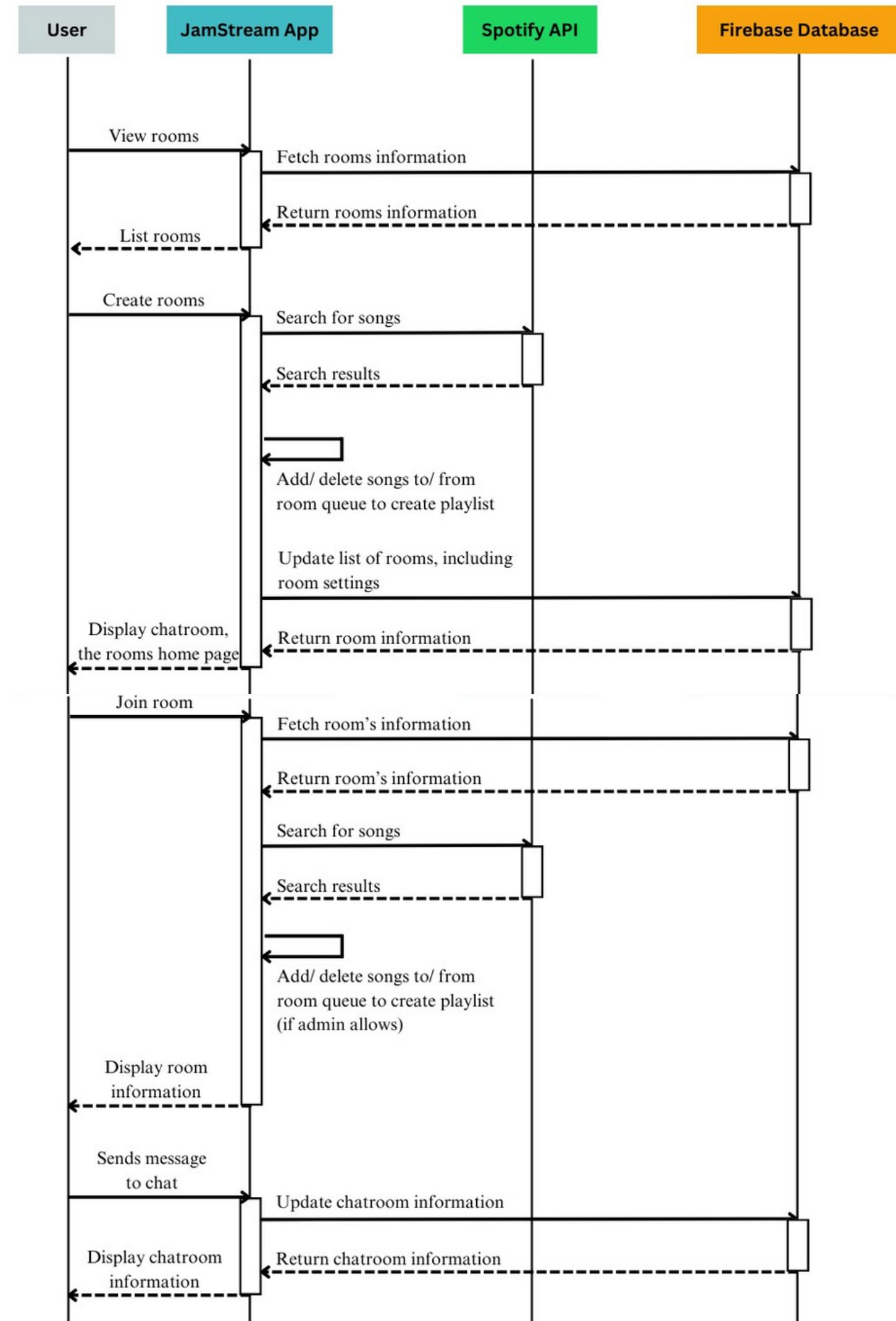
5. System Diagram:

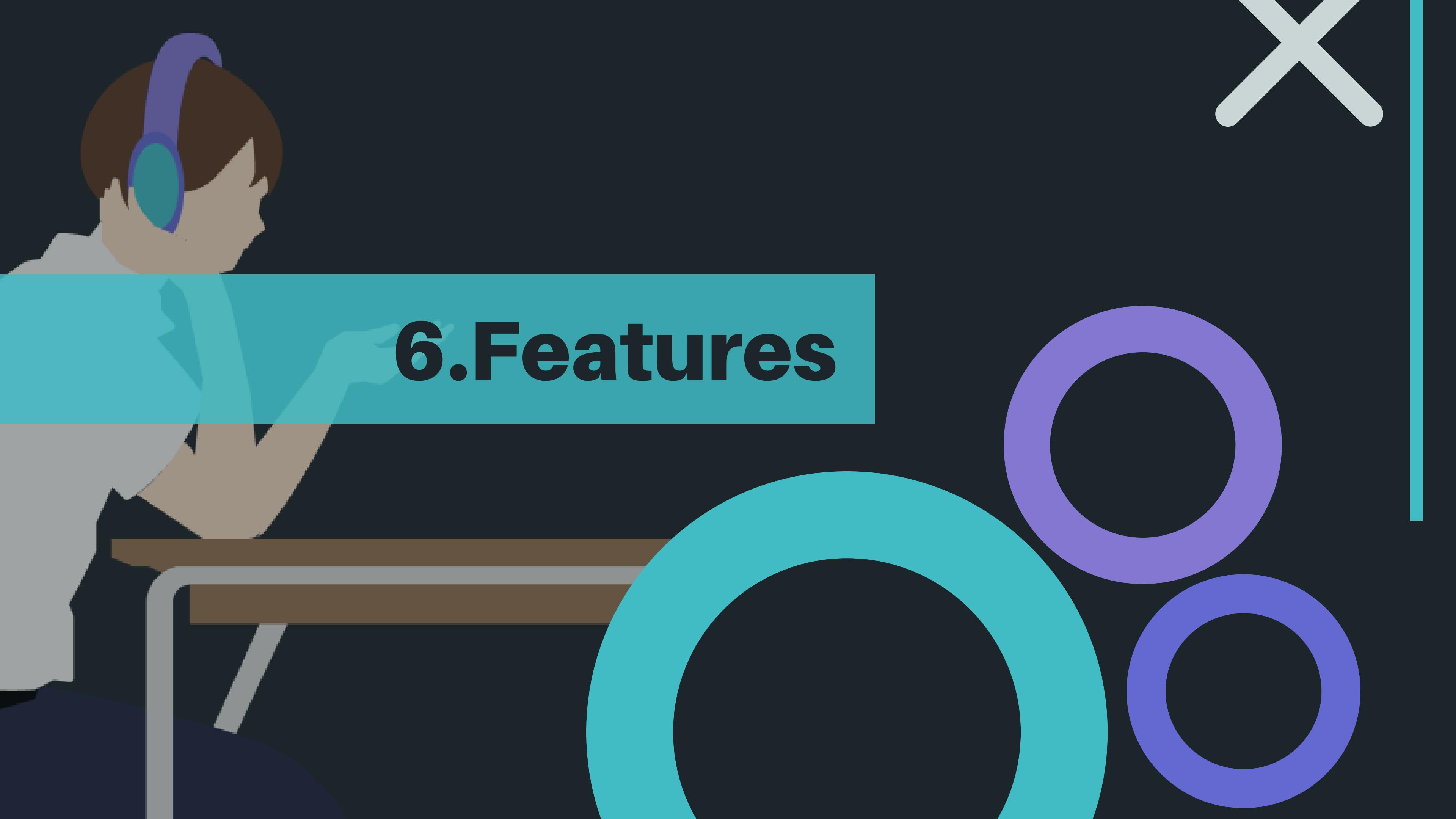
*Sequence Diagram
(Basic Functionalities)*



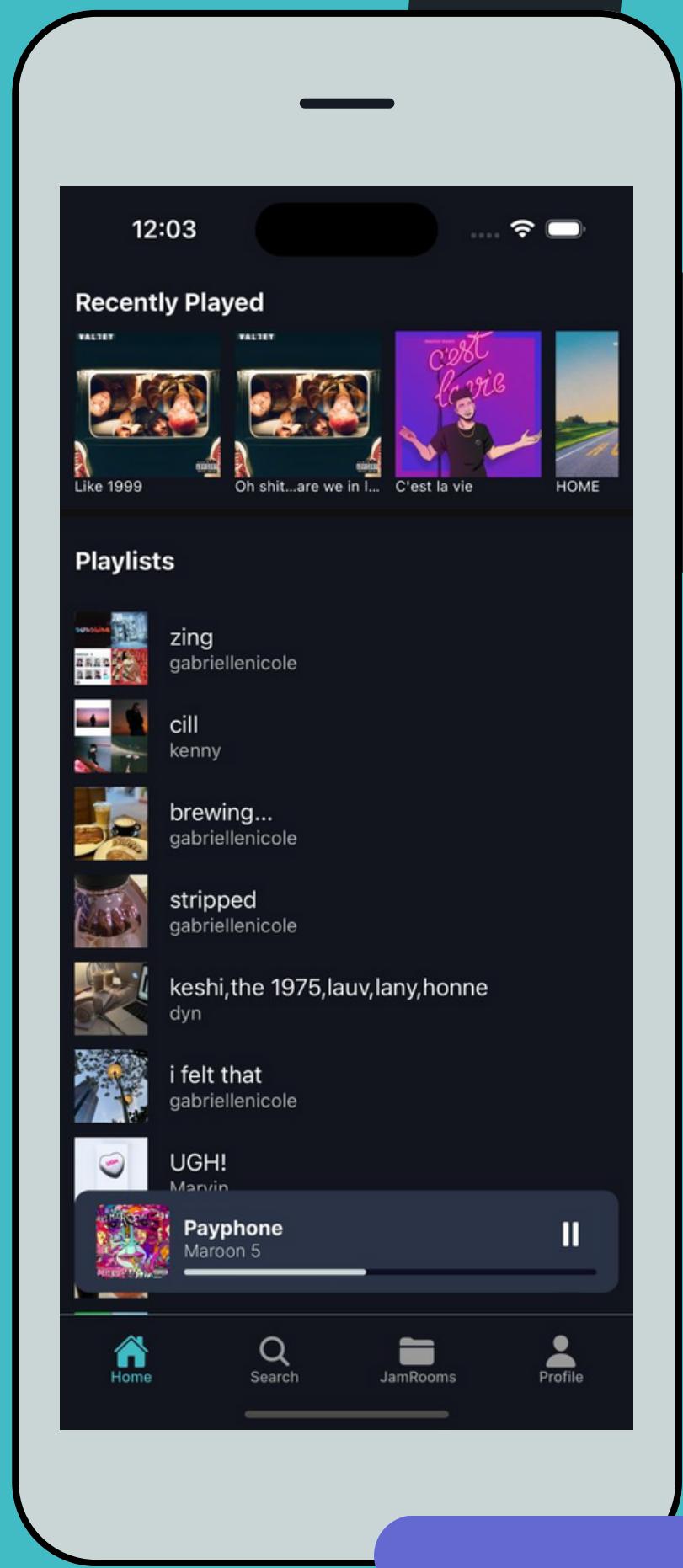
5. System Diagram:

Sequence Diagram
(JamRooms)





6.Features

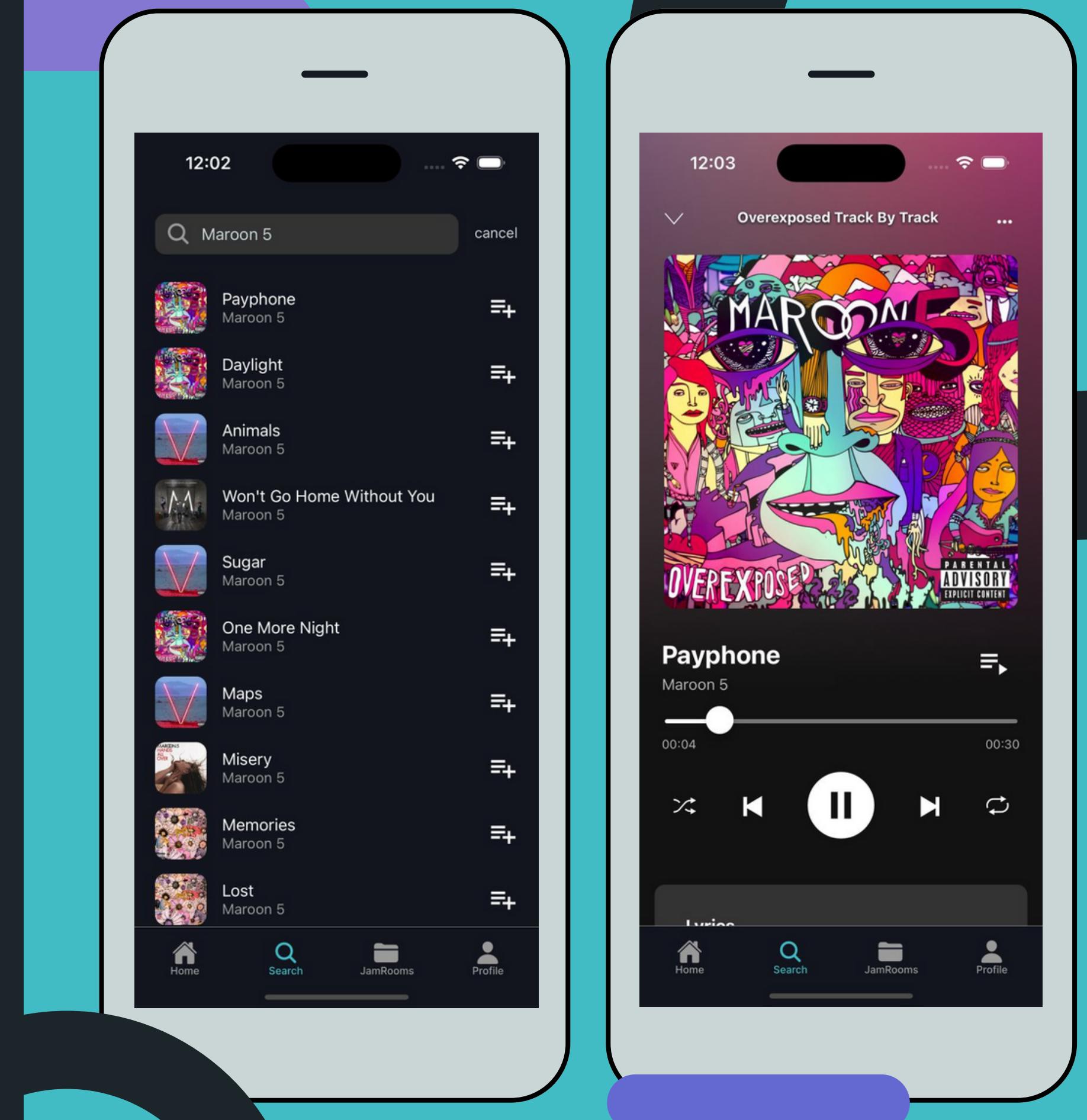


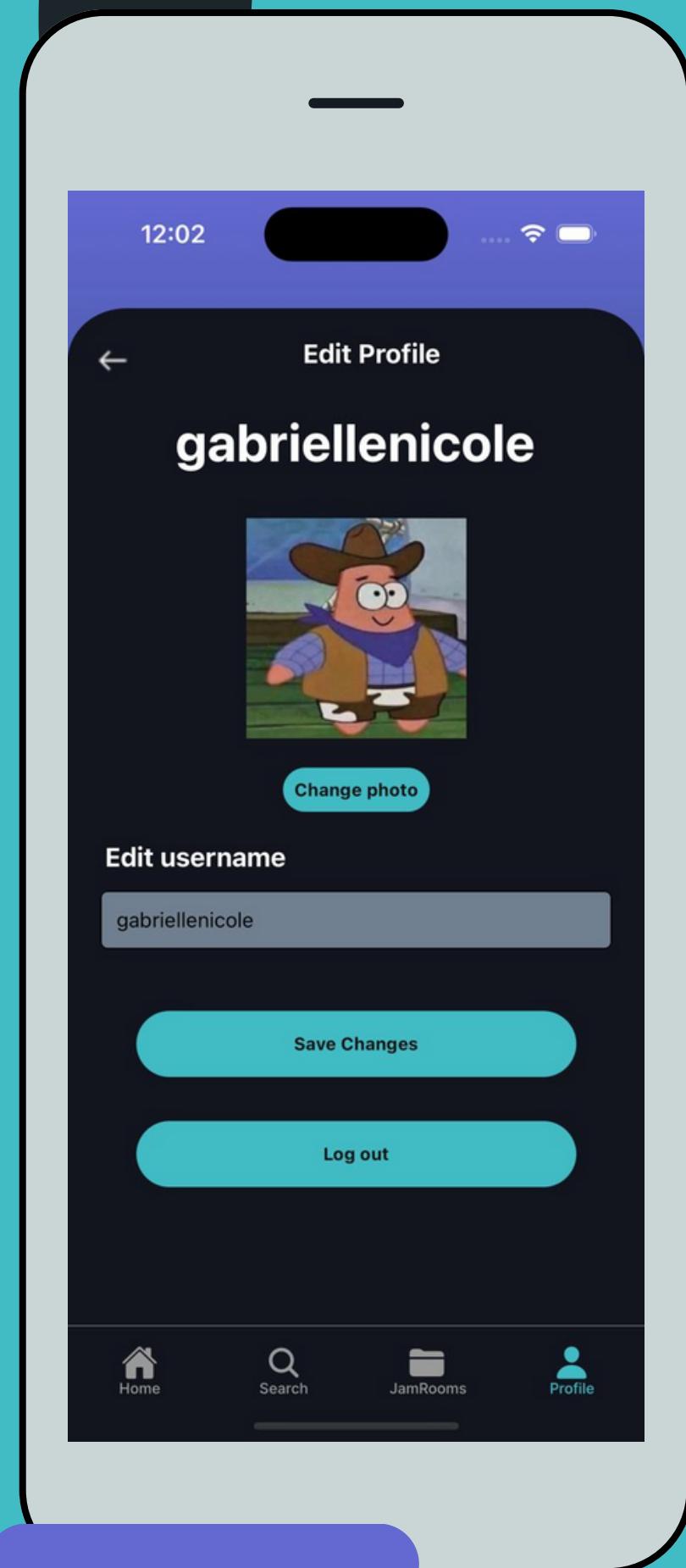
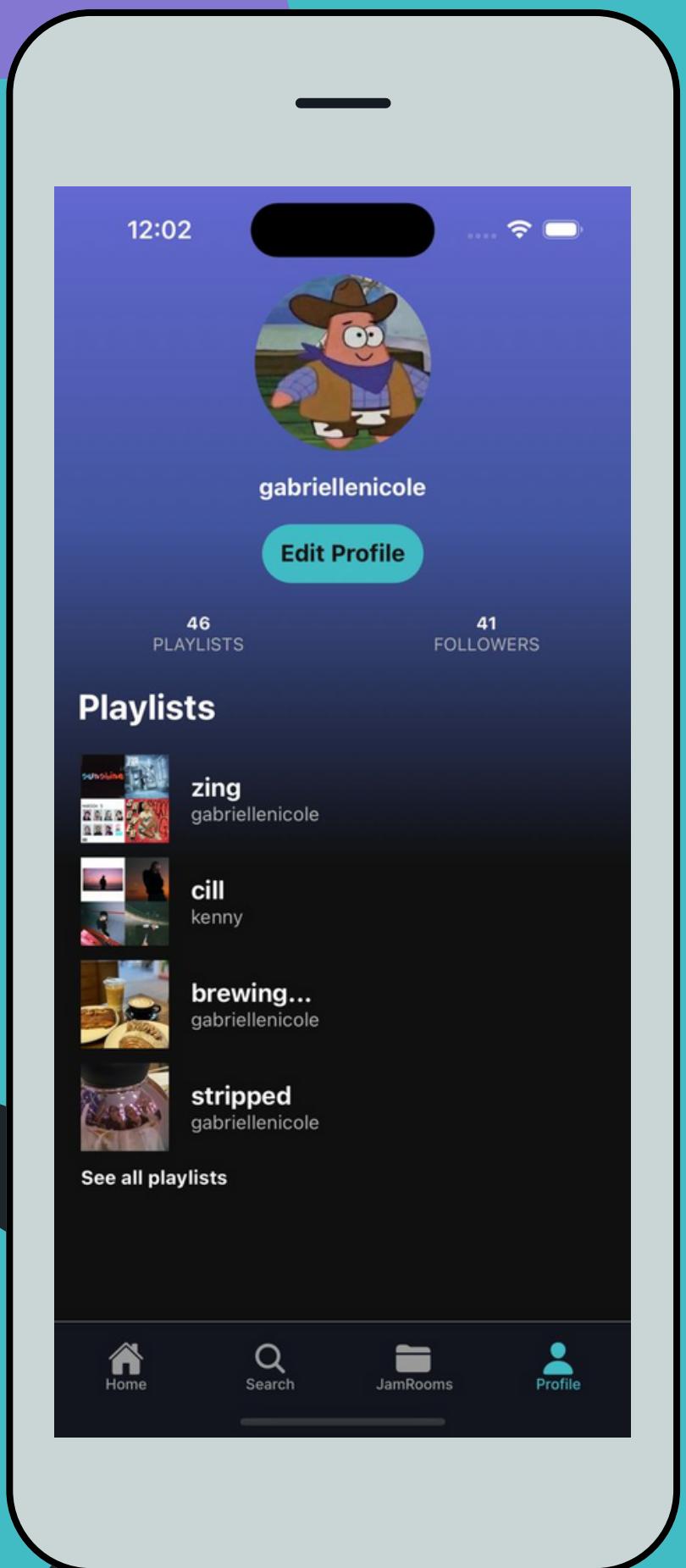
Home page

Transfer your favourite tracks over from Spotify.

Extensive library of albums & tracks

Search from the immense archive and tune in to your favourite tracks.



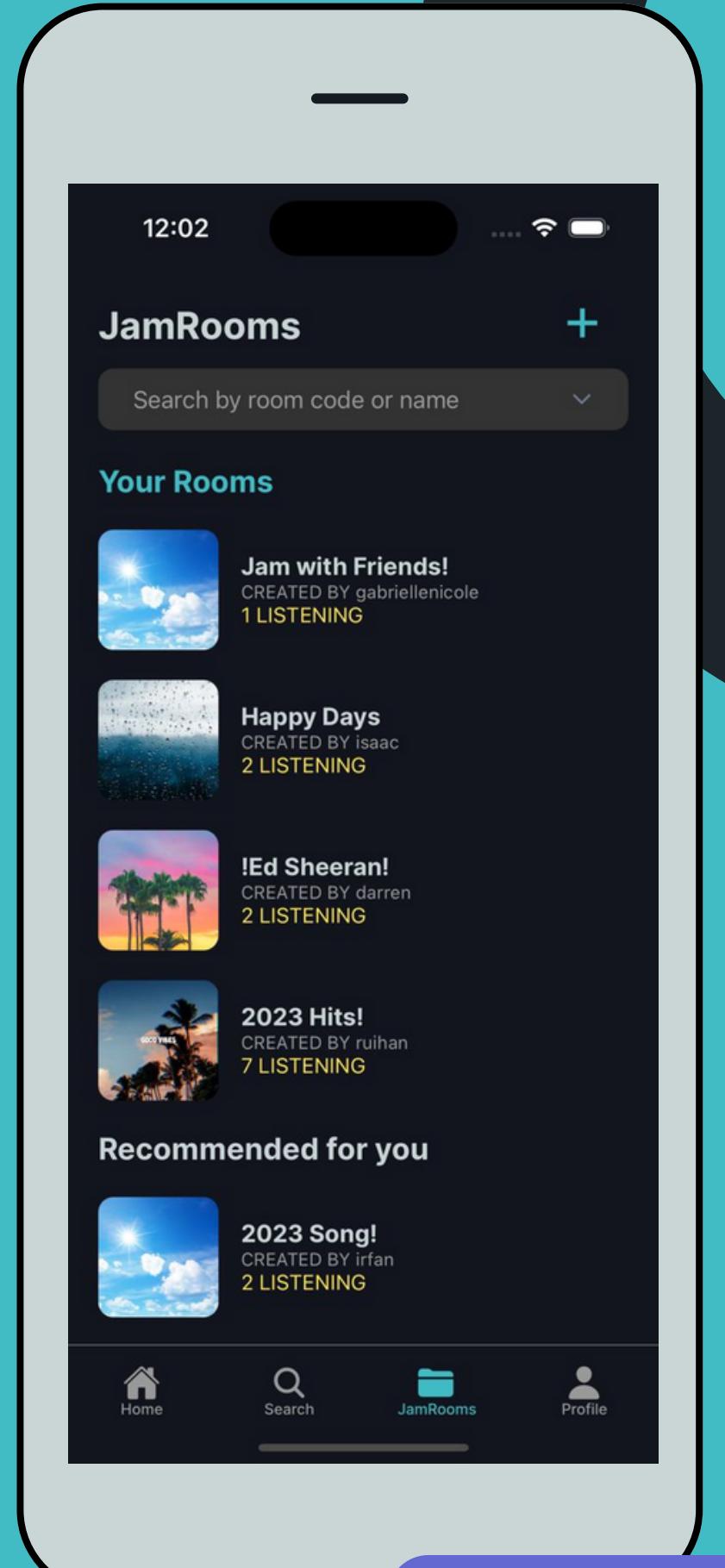


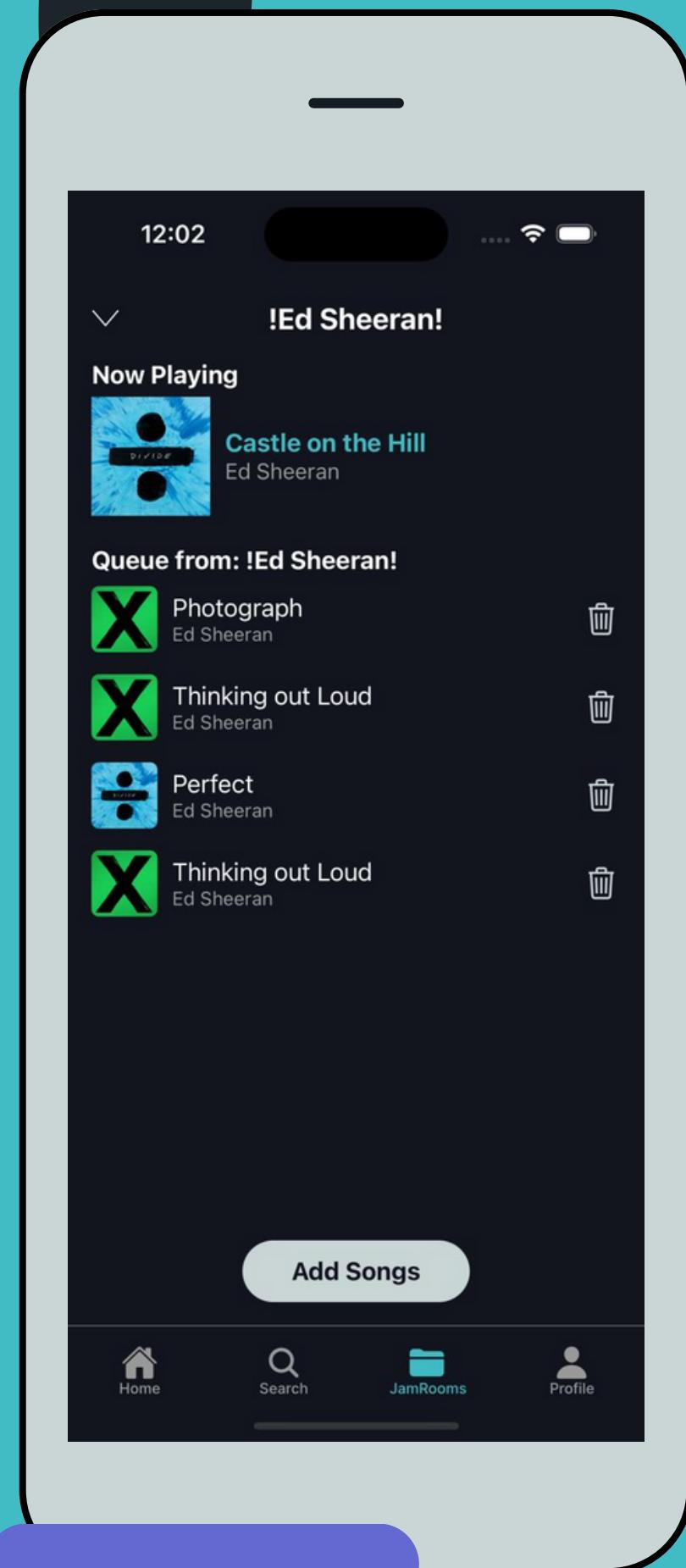
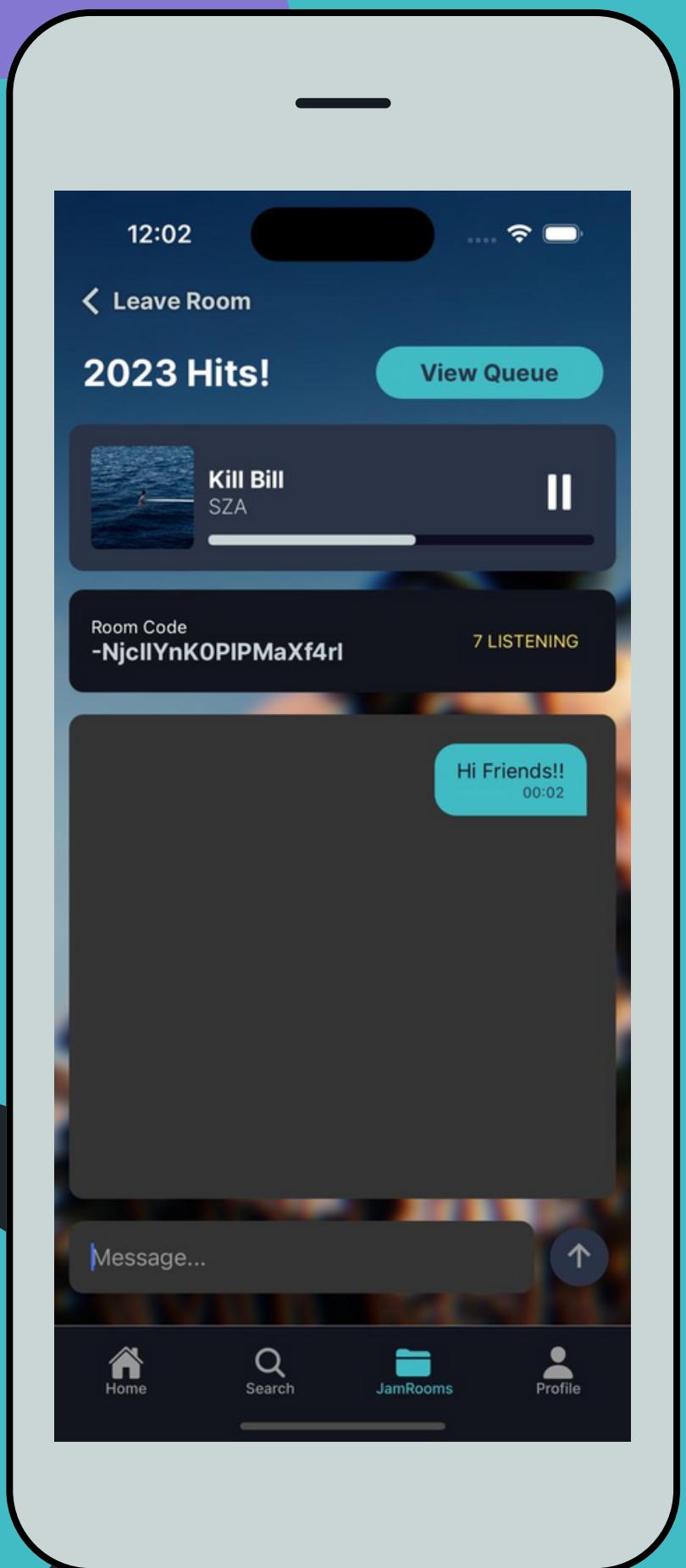
Customisable Profile

Create your own playlists and customise your profile according to your own tastes.

Browse through the list of JamRooms

Find a room that suits
your mood or vibe for the day and
craft a memorable shared experience.





JamRoom

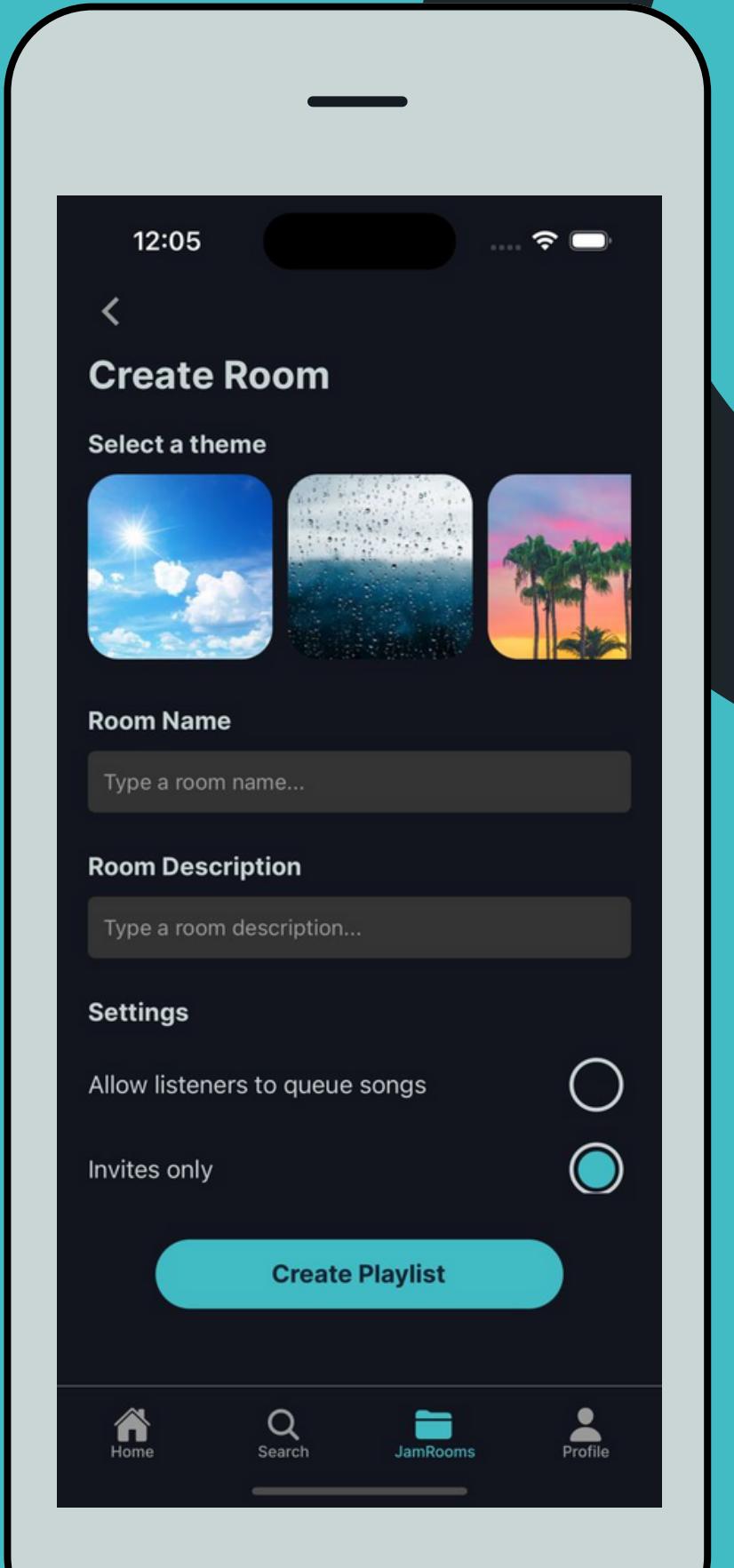
Enjoy the music that is synchronised across all users' devices.

Share whatever you wish
- your day or music taste -
in the chatroom.

Recommend songs by adding tracks to the queue, should the admin allow for it.

Personalise your very own JamRoom

None of your rooms is to your liking?
Personalise your own JamRoom with
your preferred settings.



7. Challenges & Limitations



Time constraints
on top of working with
other commitments



Learning curve



Public Spotify API
database of songs only
offer limited
functionality



Limited user testing

8. Poster

JAM STREAM

EXTENSIVE LIBRARY

Discover a wide range of music, embracing various genres and artists

CHAT WITH FRIENDS!

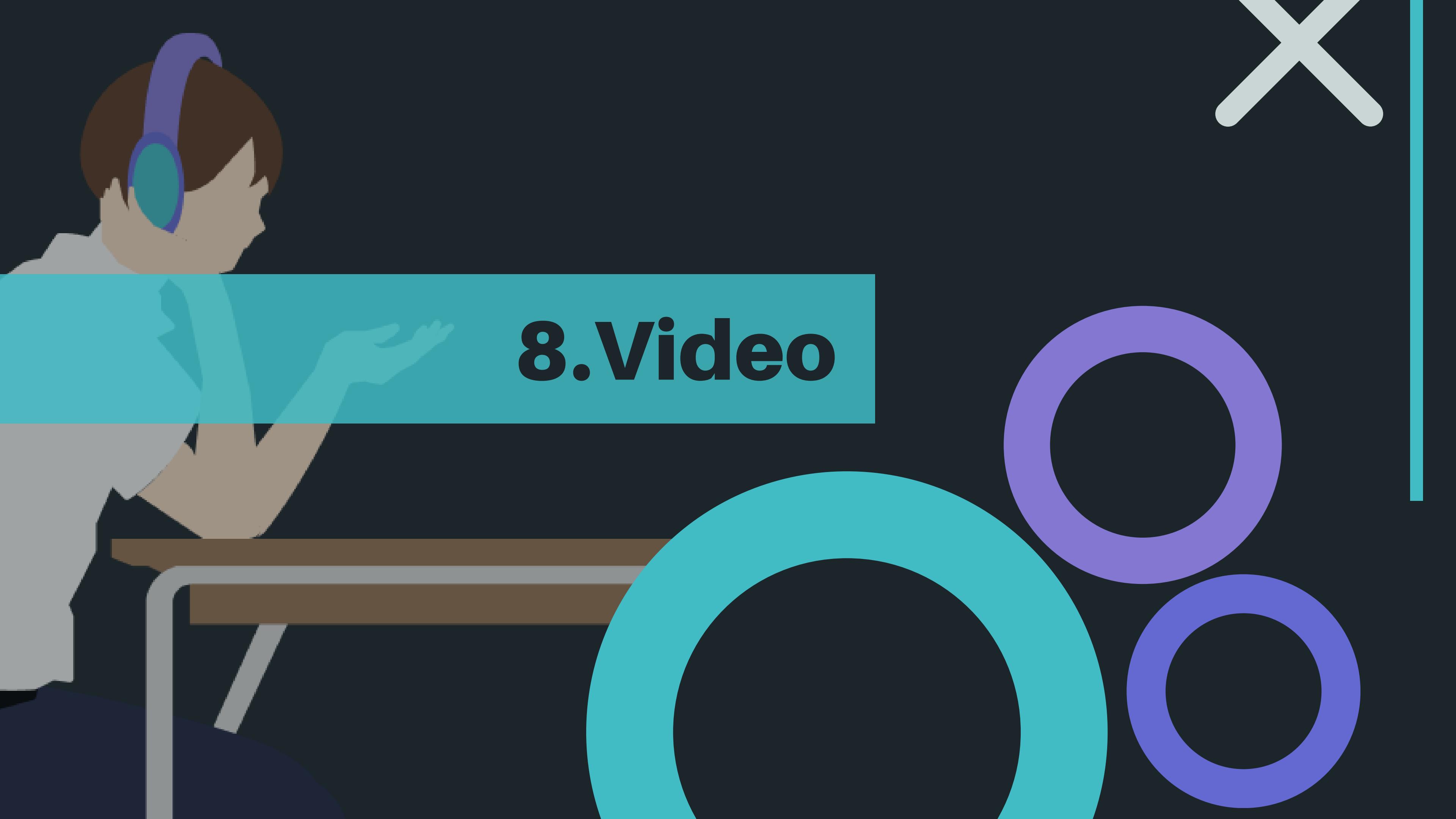
Enjoy chatting with friends in private rooms or join the online community for lively discussions on music in public rooms

PERSONALISED ROOMS

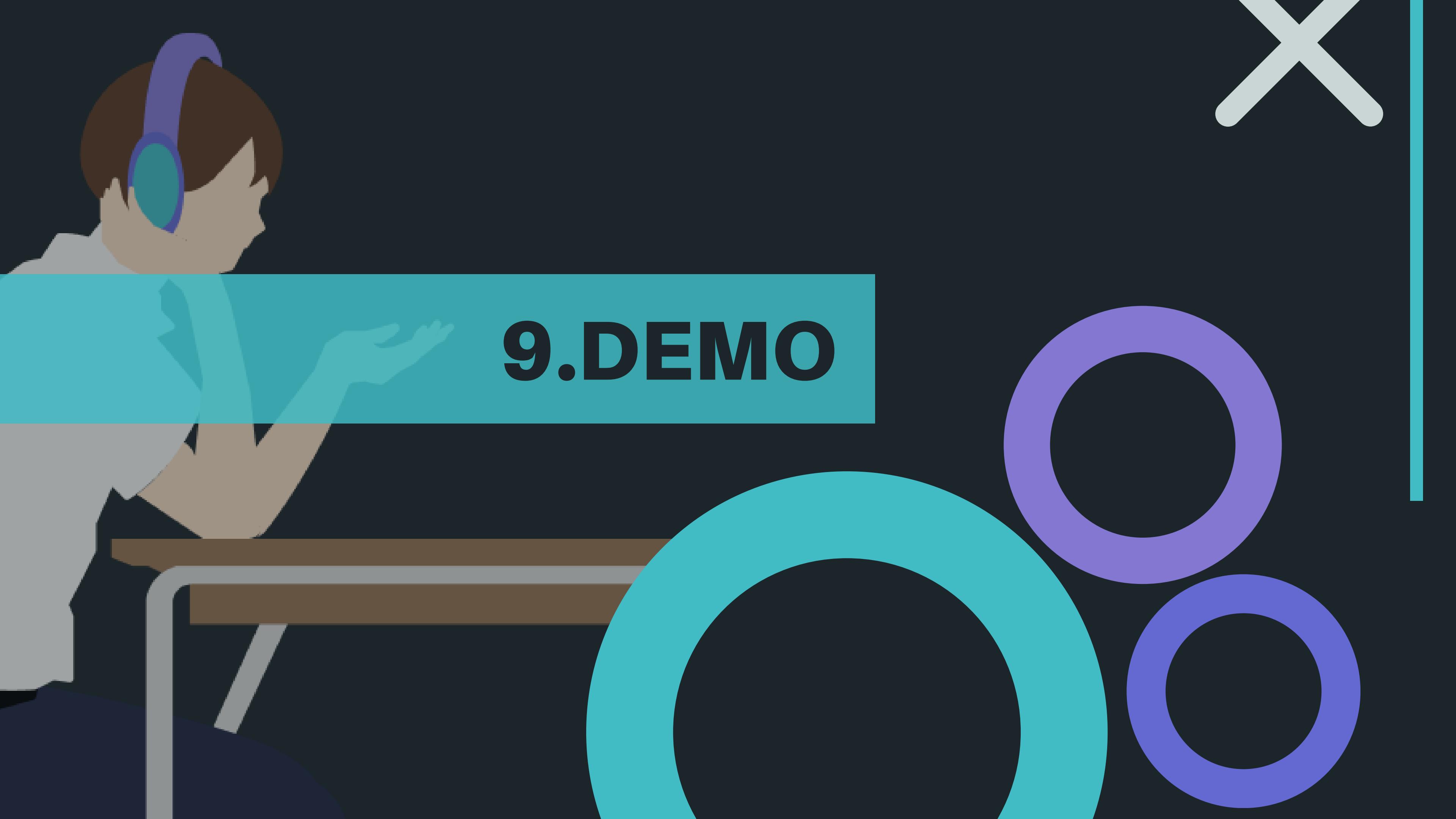
Craft your own personalised rooms or explore themed spaces created by others. Whether you seek tranquility or energy, our diverse range of rooms cater to every taste.

ABSTRACT

Embark on a dynamic musical journey with our innovative music streaming app. Dive into a personalised experience by creating and exploring custom rooms, each uniquely themed to cater to diverse tastes. With a focus on user autonomy, the app allows individuals to actively share their music preferences with the community. Explore a diverse array of music, and enjoy a memorable musical adventure with our innovative streaming platform



8. Video



9.DEMO