

# GemiNate

Group 114: Sean Walker, Lily Jawadiwar, Sree Kandula

[Source Repo](#)  
[Public Demo Site](#)

GemiNate is a social gaming site that allows users to play synchronized games, interact with each other in communities, and listen to music together. It intends to give users a place to play together and socialize.



Blackjack



Communities

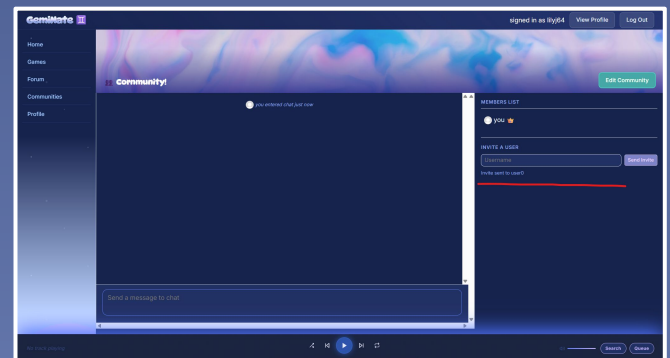


Jukebox

Blackjack uses a basic rule set for the game, and operates based on user input. Users make bets, hit or stand on their hands, and observe the dealer's cards as it draws. Underlyingly, the cards are a simple representation of a rank and a suit, and each user has a list of cards in order. One can think of these as "card areas."

Users can create private and public communities, and other users can join them from the communities tab, either from the list of joinable communities or through invites. They can then chat in the communities and interact with the community's music bar, as described below. The user who makes a community can set a banner, which shows up at the top of the community's page. Additionally, users can set their own profile pictures and pronouns, which will show up in the community's sidebar.

The Jukebox feature uses the Soundcloud API as the basis of finding and streaming music, with the intention of live broadcasting among clients. We used websockets as a way to manage bidirectional communication and the state of each music player. We consolidated the each music player into a "Playlist" type where each community housed one playlist. Users with DJ or Owner distinctions can control broadcast playback while individual clients can control volume. Music bar is persisted sitewide.



## What's next?

Blackjack could implement more of its complex rules, such as splitting and doubling down. It could definitely also use animations.

Discord server style channels within communities could be a cool feature to allow users to customize their community experience a bit more. Emotes and image sharing would also be interesting.

We would love more of a live radio feature where similar songs could be automatically added to the queue once the end is reached. This could take responsibilities off of DJs and make the community's sound seem less recycled.

