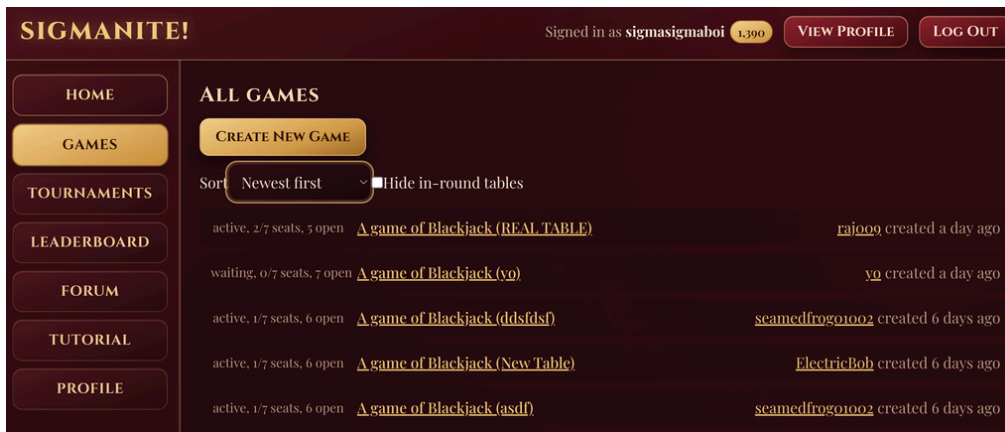


Project Overview

SigmaNite Blackjack is a real-time multiplayer blackjack feature for the SigmaNite platform. Players can browse tables, join games, place bets, and play synced rounds with a server-authoritative dealer. Additional features include sidebets, leaderboards, chat, tournaments, and AI explanations.



How It Works

1. Enter the lobby
2. Join/create a game
3. Bet & Play Rounds
4. Track stats & chat

Tech Stack / Design

Core Features

- Real-time tables
- Virtual currency
- Chat & reactions
- Leaderboards & tournaments

We used TS monorepo (React client, express + socket.io server) and focused on a server-authoritative game engine. We used Mongo for persistence and Groq LLM for our AI feature.



What's Next

- More variants of blackjack
- Other card based games
- Payment integration (i.e stripe)

