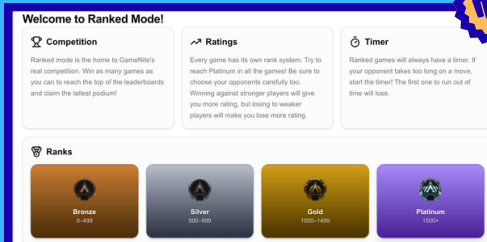


RankedNite!

By: Ange Li, Hui Wang, Johan Almanzar, Kevin Mo
Frontend Tech Stack: TypeScript + React + Vite w/ Tailwind CSS, Axios
Backend Tech Stack: Express + Node.js w/ Socket.IO, Zod
Testing Tech Stack: Vitest, Playwright



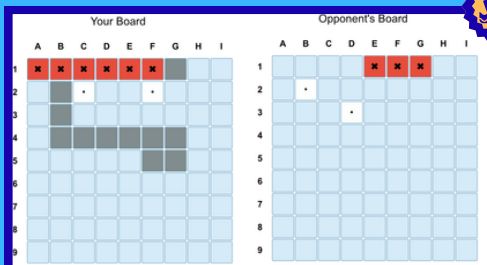
Ranked Mode

Ranked Mode brings a new competitive playground to BetNite!

- Play against other players to rank up in each game!
- Aim for the top of the leaderboards!
- Utilize the new timer system to keep ranked games fast-paced and exciting!

Why RankedNite?

GameNite had a key problem: its lack of features that encourage replayability on the platform. The only key reward in the platform was satisfaction over winning or losing. Our project solved this problem by introducing an exciting new game, a new ranked system, and a leaderboard to keep track of your competition!



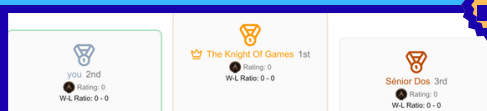
Battleship

Introducing a totally original game: Battleship! (Do not sue us Hasbro)

- Place battleships manually or through random placement!
- Sink your opponent's ships to win the game!
- Choose Grid sizes to play on!

Why build this?

Ranked System is built to be entirely separate from the Casual game mode. Having two separate game modes allows easygoing players to play with their friends for fun, while competitive players can strive to reach their goal rank! Rankings are also separated by game type, so that users can have different ranks for different games. Reaching Platinum in Nim only means you can strive to reach the top rank in Number Guesser and Battleship! Battleship is built from the ground up as an exciting new game that showcases skill expression in Ranked mode. With the ability to place and sink ships, every Battleship match is bound to be unique!



Leaderboard

Track your progress in Ranked mode through the Leaderboard!

- View your competition for any given game!
- See who's on the podium!
- View every player's Win/Loss ratio and Rating!

What's Next?

- Introduce Ranked Seasons! Every few months, reset player ranks so the Ranked game mode always stays competitive!
- Introduce a Friends List! Add friends, block players, and invite friends to join your game lobby!
- Introduce more games! Add games like Chess to bring more fun to RankedNite!
- Introduce chat emotes and reactions! Give players more ways to showcase their personality and talk to their opponent!
- Introduce rewards to top players! Incentivise climbing up the leaderboards even more if players receive special awards or items.