

Group 601 Presents:

WITH NEW UPDATES!

# Game Nite

## TECH STACK

- FRONTEND: REACT + TYPESCRIPT
- BACKEND: NODE.JS + EXPRESS + SOCKET.IO
- DATABASE: MONGODB
- ARCHITECTURE: MODULAR GAME DESIGN

[HTTPS://GITHUB.COM/NEU-CS4530/SPRING26-PROJECT-GROUP-601-1](https://github.com/NEU-CS4530/spring26-project-group-601-1)

## PROJECT DESCRIPTION

GAMENITE IS A MULTIPLAYER GAMING PLATFORM THAT WE ENHANCED WITH SOCIAL, COMPETITIVE, AND GAMEPLAY FEATURES TO INCREASE ENGAGEMENT. WE INTRODUCED A FRIENDS SYSTEM, LEADERBOARDS, NEW GAMES & AI-POWERED OPPONENTS, ALLOWING USERS TO CONNECT, COMPETE, AND PLAY ANYTIME.

PLAY NEW GAMES!

## DESIGN DECISIONS

ALL FEATURES ARE BUILT MODULARLY. GAMES, BOTS, AND REAL-TIME UPDATES ARE DECOUPLED SO EACH CAN BE EXTENDED INDEPENDENTLY.

see where you stand

## WHAT'S NEXT??

- SINGLE-PLAYER GAMES!
- BETTER UI DESIGN!
- BOT DIFFICULTY VARIATION FOR MORE GAMES!
- MOBILE VERSION!

BROUGHT TO YOU BY ETHAN, EVAN, CHRISTOPHER, NALINI

**Leaderboard**

Select Game: Nim

Time Range: All Time

Show friends only

You need 1 more win to reach rank #1!

Rank	Player	Game	Wins	Losses	Games Played	Win Rate	Current Streak	Best Streak
1	<a href="#">The Knight Of Games</a>	Nim	1	0	1	100%	1	1
2	you	Nim	1	0	1	100%	1	1
3	<a href="#">Evan</a>	Nim	0	2	2	0%	0	0

**Checkers**

Your turn — select a piece

	A	B	C	D	E	F	G	H
1								
2								
3								

**Create new game**

✓ — Select a game —

- Nim
- Number Guesser
- Connect 4
- Battleship
- Checkers

**Create new game**

Nim

Who do you want to play against?

vs Player  vs Bot

Create New Game

**Friends**

Pending requests (1)

Frau Dre @user3

Your friends (2)

Evan @evan

**All Messages**

Create New Message

**Direct Messages**

user2

Evan

ADD & TEXT FRIENDS!

YOU CAN EVEN PLAY AGAINST ALIBOTS!

TRY IT OUT NOW:

<https://spring26-project-group-601-1.onrender.com/>

