

Backend Coding Challenge: Tic-Tac-Toe

Goal

Implement a fully functional game of Tic-Tac-Toe, which should be publicly accessible and ready to play.

Requirements

- Implement a login mechanism and secure all endpoints
- The client should be able to get a list of all game results with the player names and the name of the winner
- The client should be able to start a new game by passing two player names
- The client should be able to execute player moves, make sure the moves are alternating
- The client should be able to get the current game status: in progress, finished
- The server app should determine when the game has finished and provide an endpoint with the result
- The game result and player names should be persisted in a database of your choice
- Handle errors and invalid requests

Non-functional Requirements

- Use the following tech stack: NodeJS, ExpressJS, PostgreSQL
- Database connection of your choice
- Best practice REST structure for endpoints
- Deploy the app and make sure it's publicly accessible

Deliverables

- Postman collection with all endpoints and a short description for each request
- Public URL to live server app
- Link to public repository