**Project Title:**

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| **DINO Game** |

**Team Members:**

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| Manjul Tamrakar |

**Project Description:**

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| * Users register on the DINO platform and link their cryptocurrency wallets. * Users deposit crypto into the platform to fund their accounts for betting. * Users bet on the Upcoming game’s character. * If the user chosen character wins, the smart contract calculates and automatically transfers the winnings to the user's wallet. * All transactions, including bets and payouts, are recorded on the Ethereum blockchain for transparency. |

**User roles:**

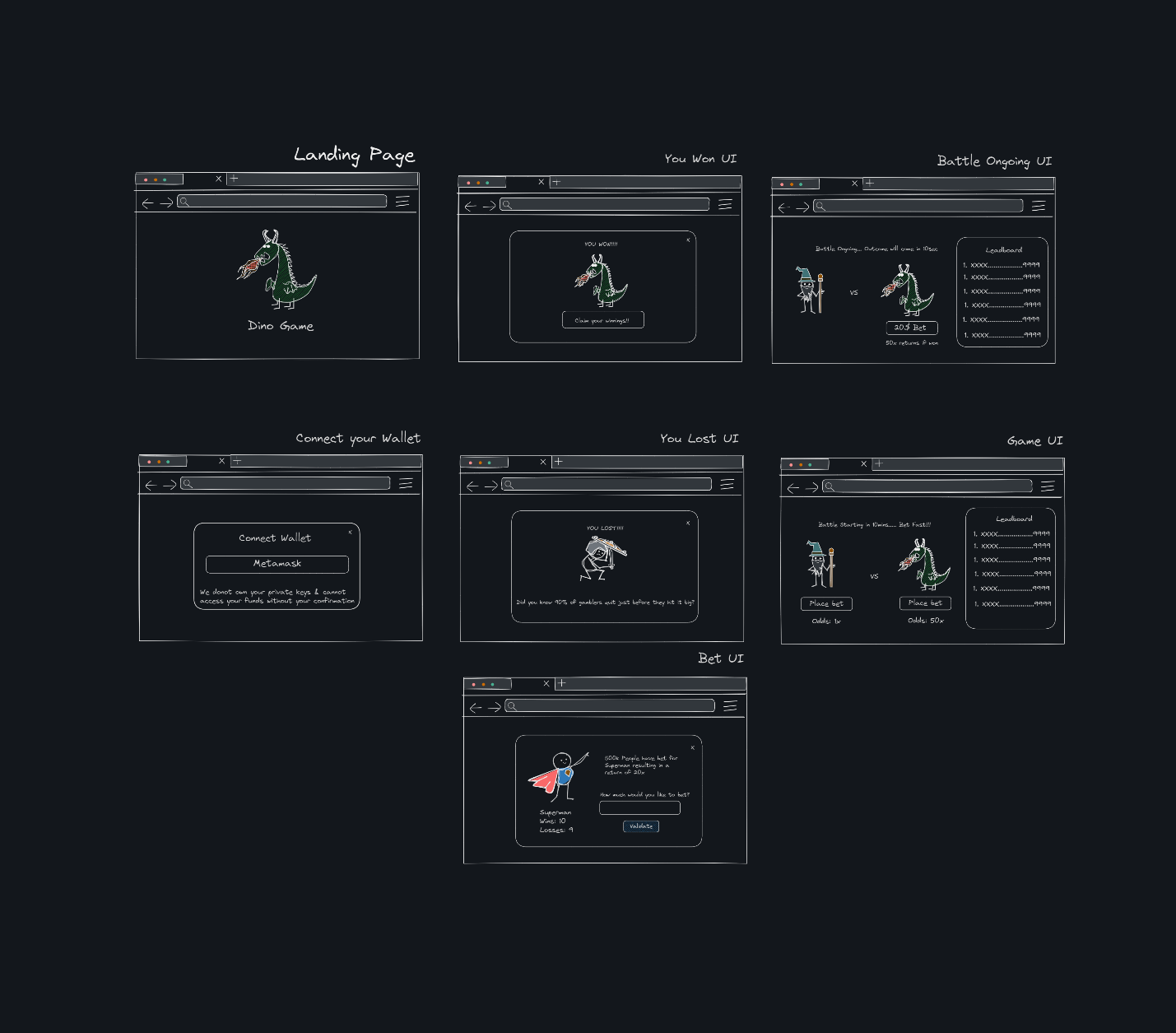
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| Players   * Players link their cryptocurrency wallets. * Players place bets using their crypto. * Players engage with the games, relying on the platform’s interface for a seamless experience. * Players automatically receive winnings into their wallets if they win. * Players can verify all transactions and game outcomes on the Ethereum blockchain for transparency. |

**Why are you using Blockchain?**

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| 1. Every transaction, bet, and game outcome is recorded on the blockchain, creating a transparent ledger. 2. These self-executing contracts automate game rules and payouts without human intervention, ensuring fair play. 3. Once recorded, transactions on the blockchain cannot be tampered with, protecting against fraud and manipulation. 4. Smart contracts automate many processes, such as bet execution and payouts, reducing the need for intermediaries and lowering operational costs. 5. Users transact with cryptocurrency, maintaining control over their funds without relying on traditional banking systems. 6. Blockchain creates a trustless environment where users do not need to trust the platform operators or other players; they can trust the code and the blockchain itself. |

**Basic Wireframes and UI:**

**Excalidraw Link (if image isnt clear):** [**Link**](https://excalidraw.com/#json=y7t4ItWGyc4fgGIdAxFFe,3x1QxF0TOwXOQIw-BgPmWQ)

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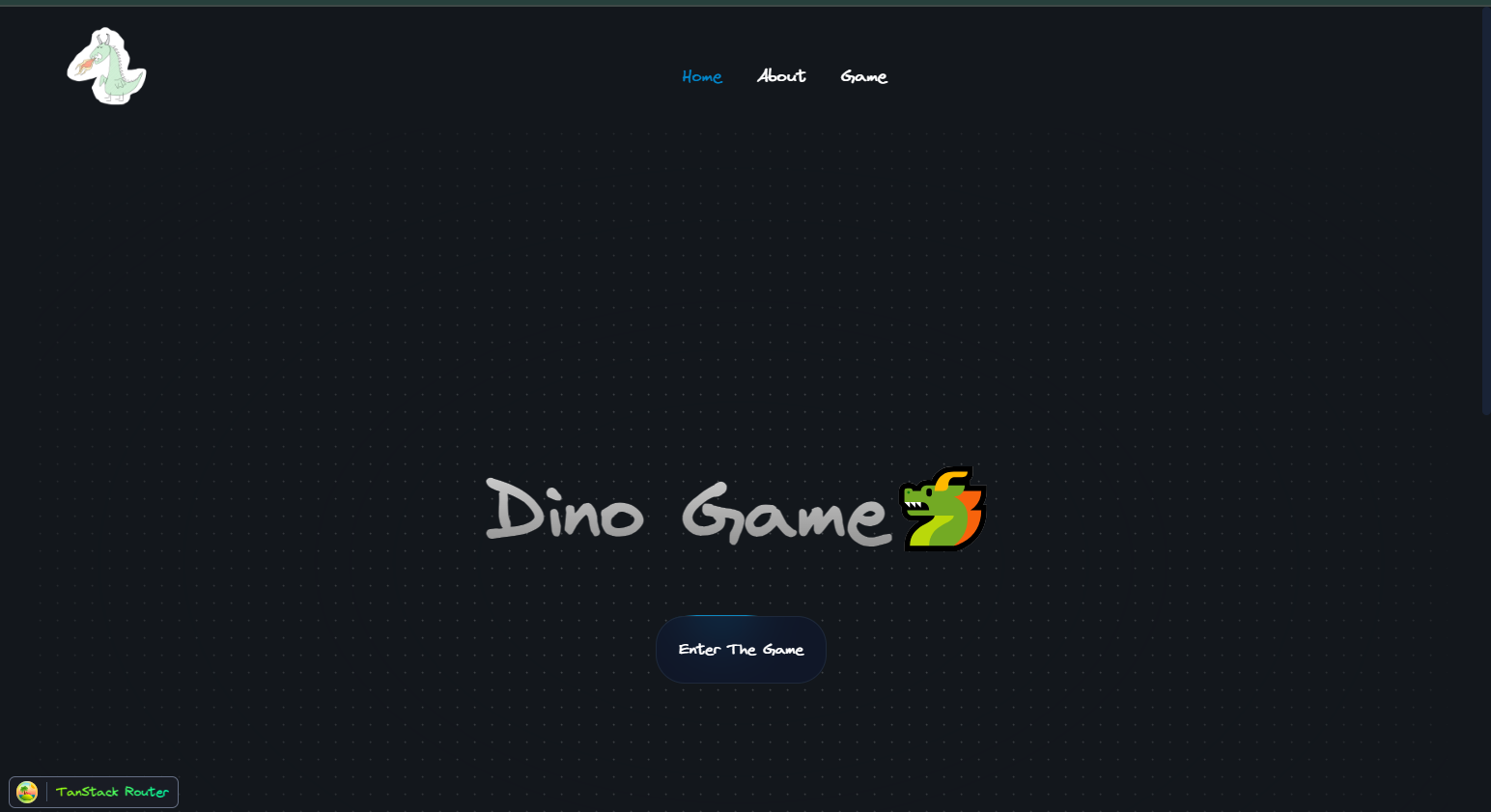
**Project Link:** [**Here**](https://github.com/Tamrakar182/dino-game)

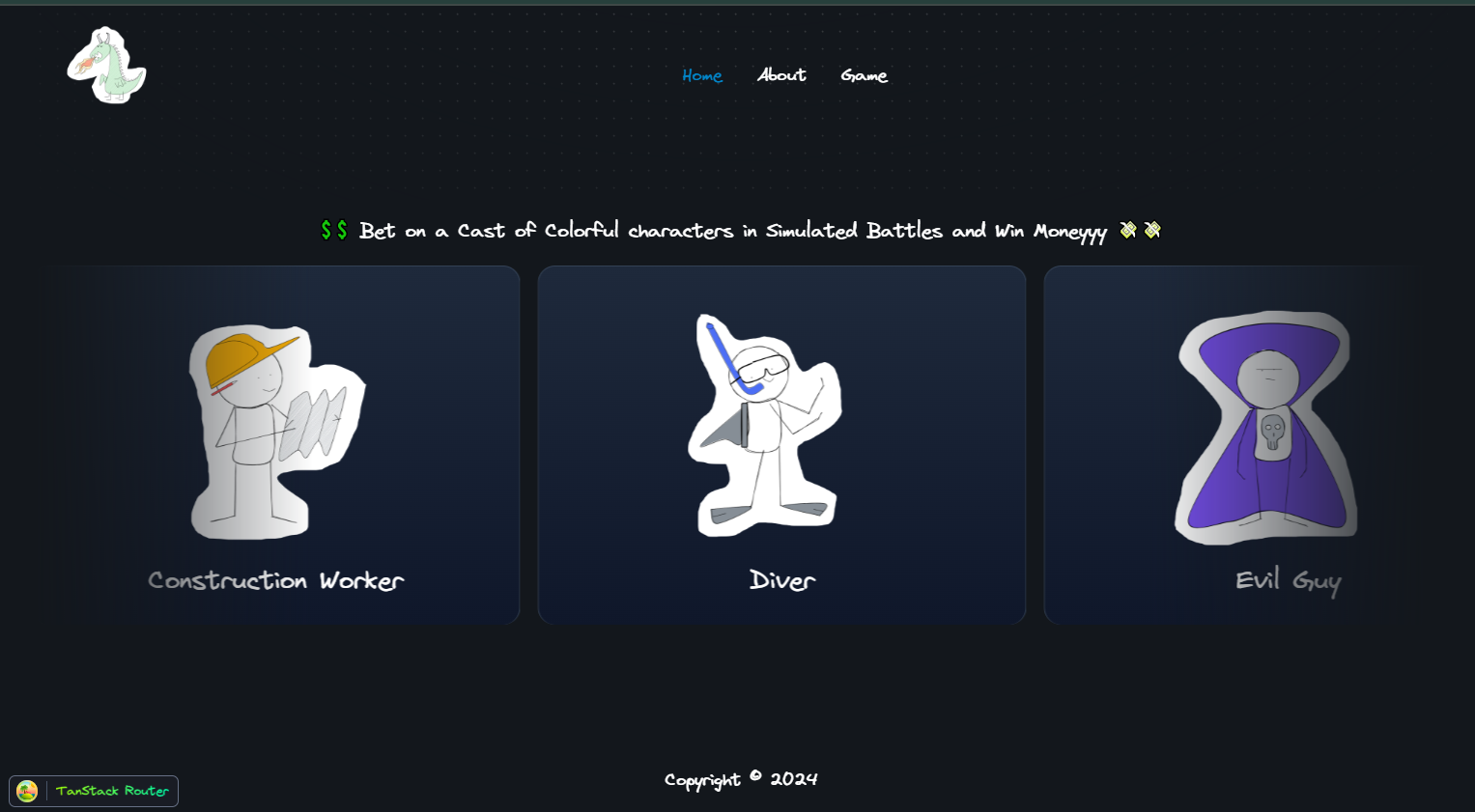
**Project Overview:**

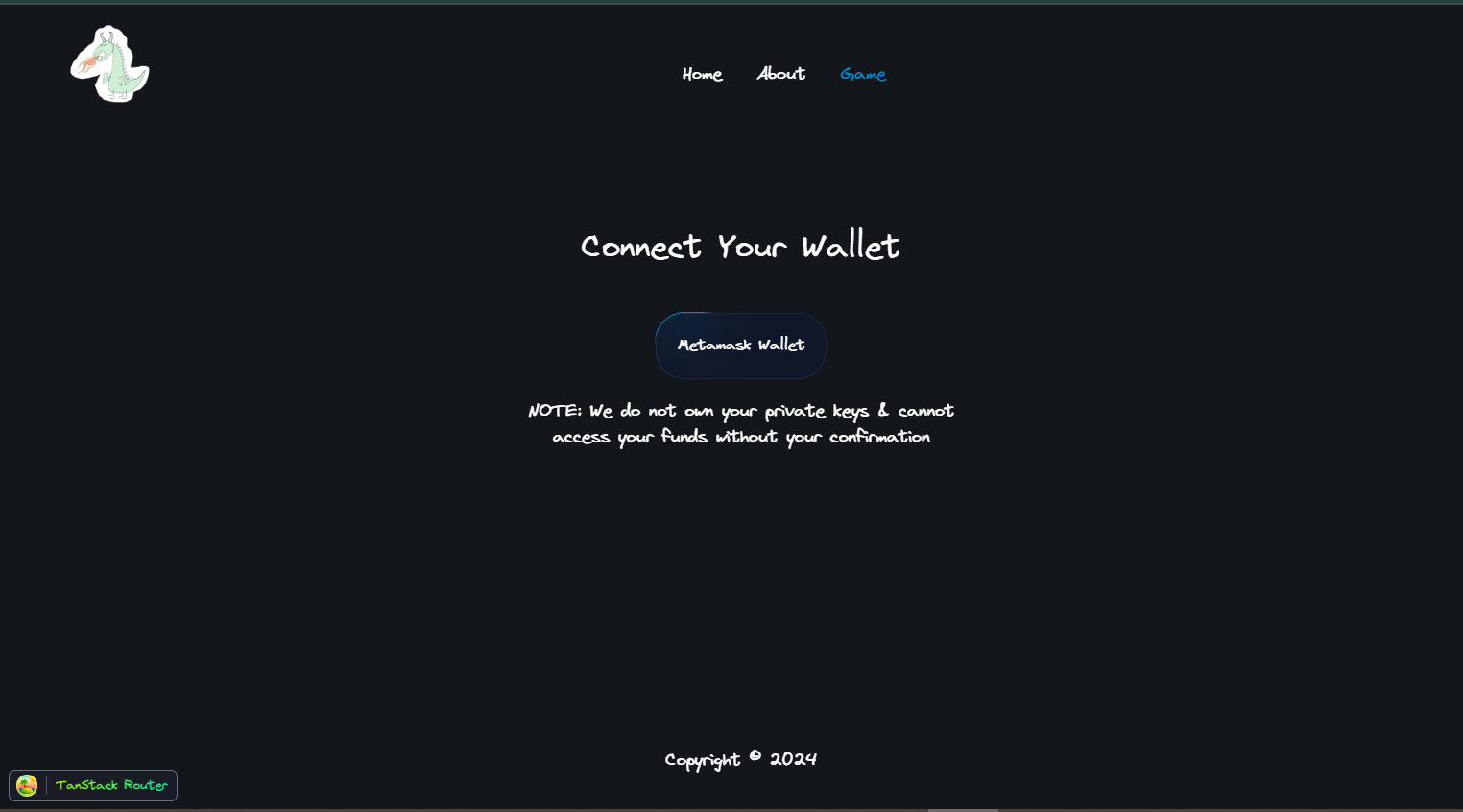
Making the UI of Dino Game was quite fun and messing around with certain UI elements were quite enjoyable. Ensuring the self executing nature of the contract was exact and work properly was challenging however I was able to make it successfully. Being able to use relatively new technologies such as TanStack Router, View Transitions API and web3 was quite fun and integrating with the blockchain was a wonderful learning experience.

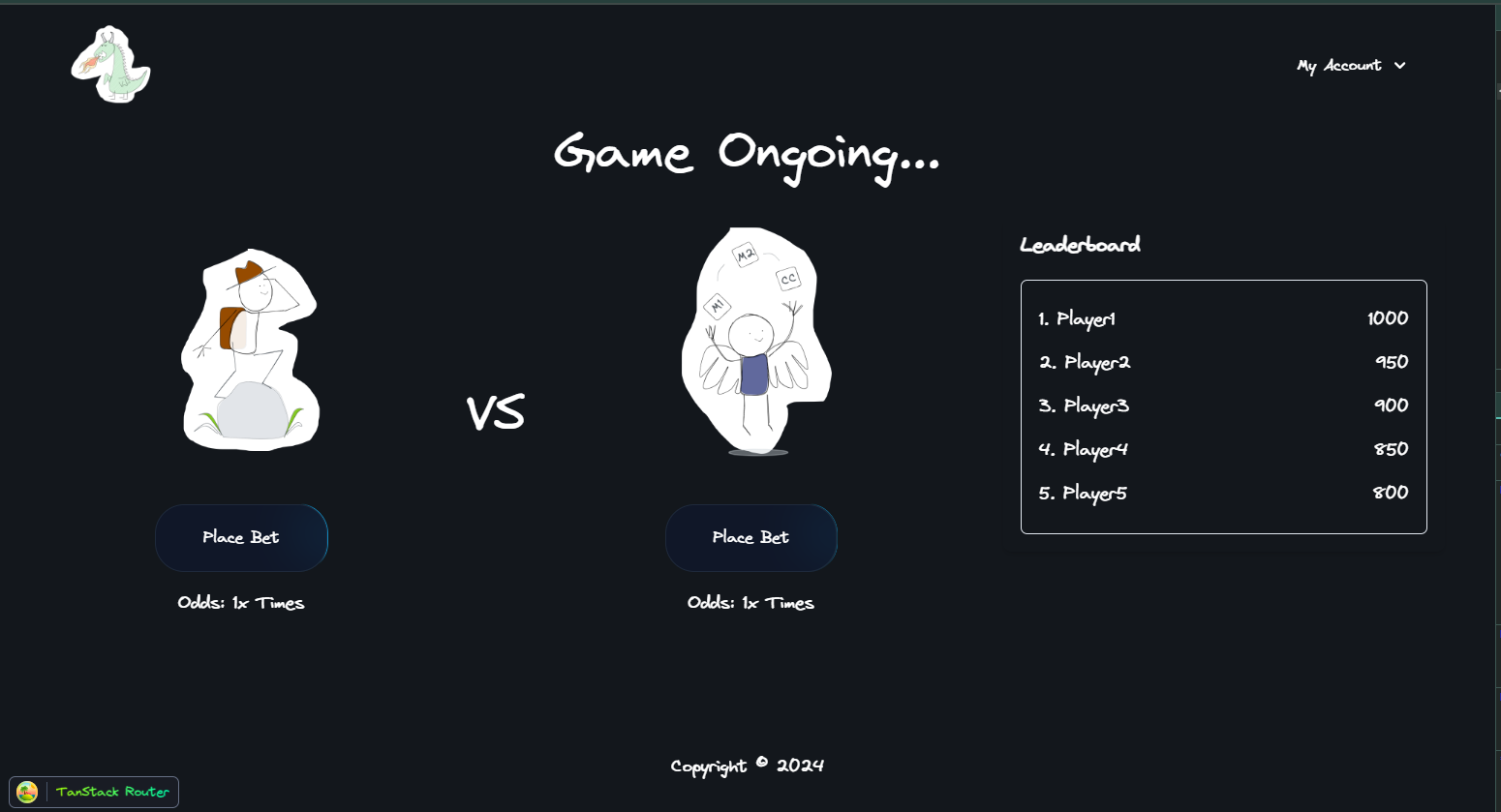
**Deployed Project Link:** [**Here**](https://dino-game-ebon.vercel.app)

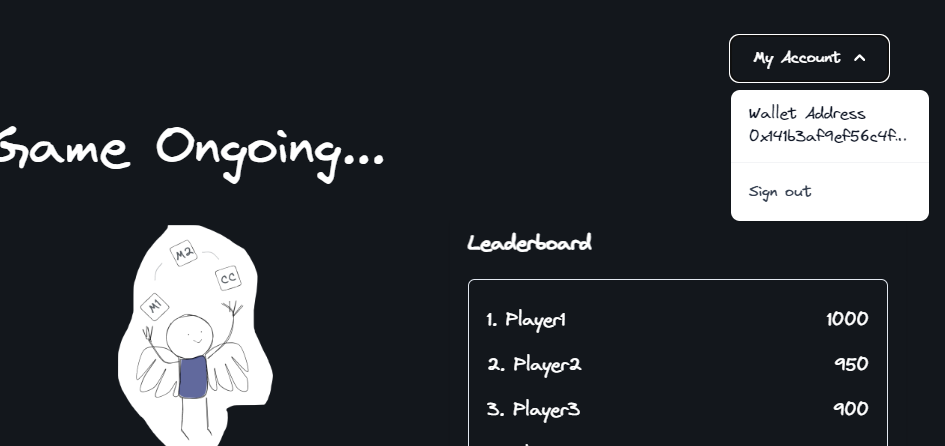
**Project Screenshots:**

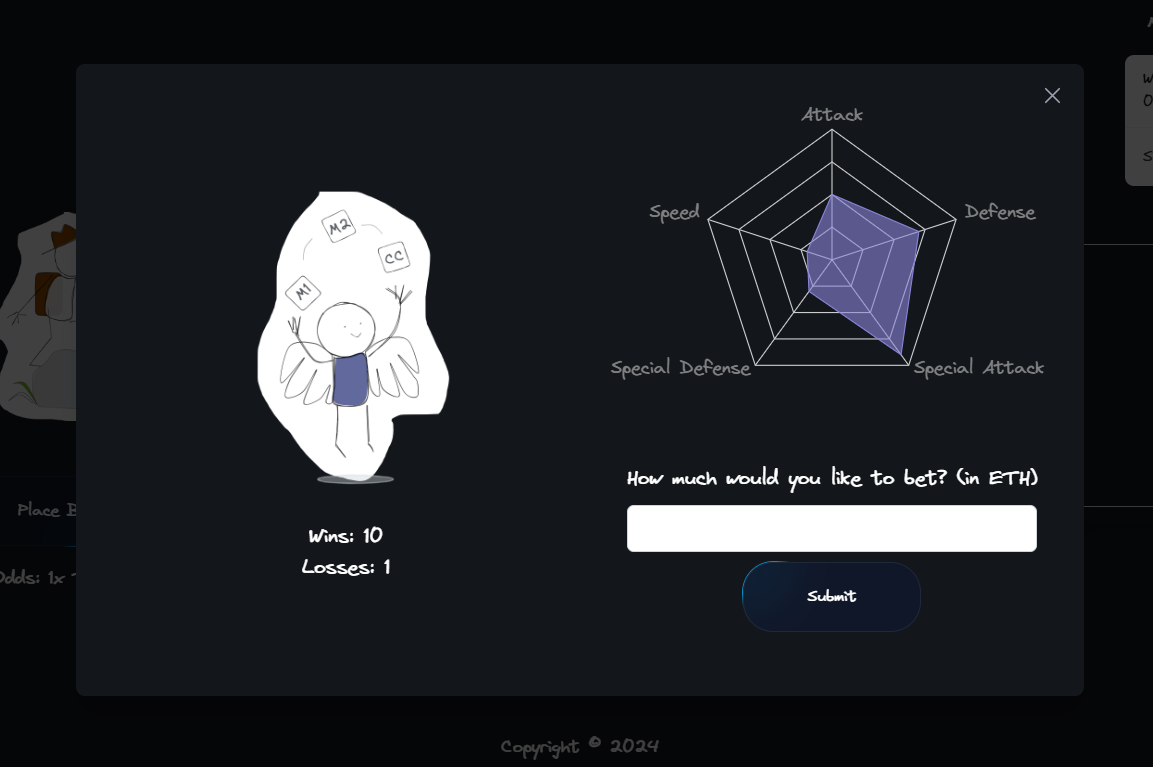
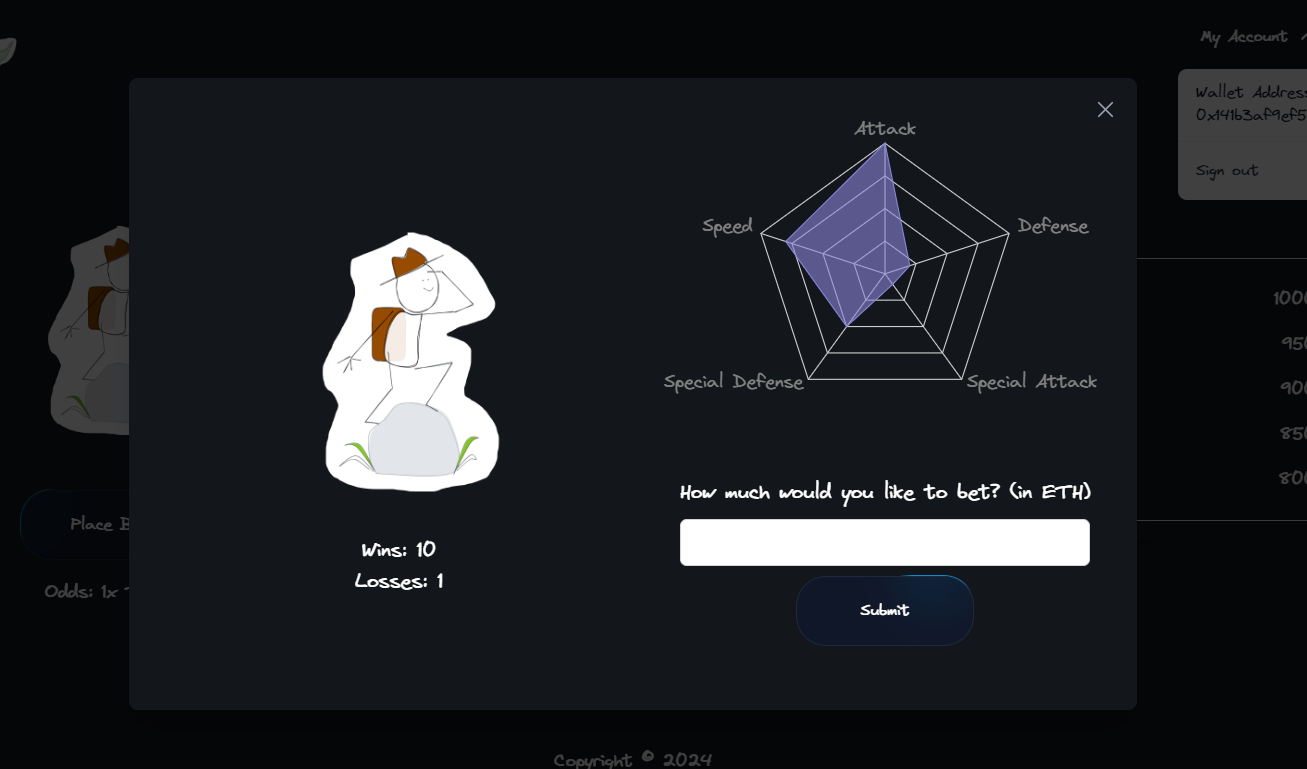
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