User Manual

I. Introduction

Welcome to our Krypto Kasino web application. Our platform that combines online poker with the security and potential of cryptocurrency. Designed by experienced poker players and crypto enthusiasts in mind, our application offers a seamless and engaging gaming experience, while leveraging the advantages of decentralised finance. By utilising blockchain technology, we provide a transparent, secure, and fast environment for users to enjoy their favourite card game. Our web application is perfect for poker enthusiasts seeking a platform to play poker with their cryptocurrencies..

II. Requirements

To enjoy the full experience of our Crypto Poker web application, users need to meet the following requirements:

1. **Web Browser:** A modern web browser such as Google Chrome, Mozilla Firefox, Microsoft Edge, or Apple Safari is required to access the platform and ensure optimal performance and compatibility.
2. **Internet Connection:** A stable and reliable internet connection is essential for uninterrupted gameplay and smooth user experience.
3. **Cryptocurrency Metamask Wallet:** Users must have a Metamask wallet set up to manage their cryptocurrency assets securely. Metamask is a widely-used and trusted browser extension that allows for seamless interaction with the Ethereum blockchain.
4. **Ethereum (ETH):** To participate in games, users need to have a balance of Ethereum (ETH) in their Metamask wallet. ETH will be used for placing bets, receiving winnings, and managing transactions within the platform.
5. **Basic Knowledge of Poker:** While our platform is designed to be user-friendly and accessible for players of all skill levels, it is beneficial for users to have a general understanding of poker rules and gameplay. This will allow them to fully appreciate the strategic aspects of the game and maximise their enjoyment while playing.

By meeting these requirements, users can fully immerse themselves in the world of Crypto Poker and experience the unique blend of traditional poker gameplay and innovative cryptocurrency technology.

III. Technical Specifications

To better understand the Crypto Poker web application, it is helpful for users to be familiar with the following technical keywords:

1. **Blockchain:** A decentralised digital ledger that records transactions across multiple computers in a secure and transparent manner.
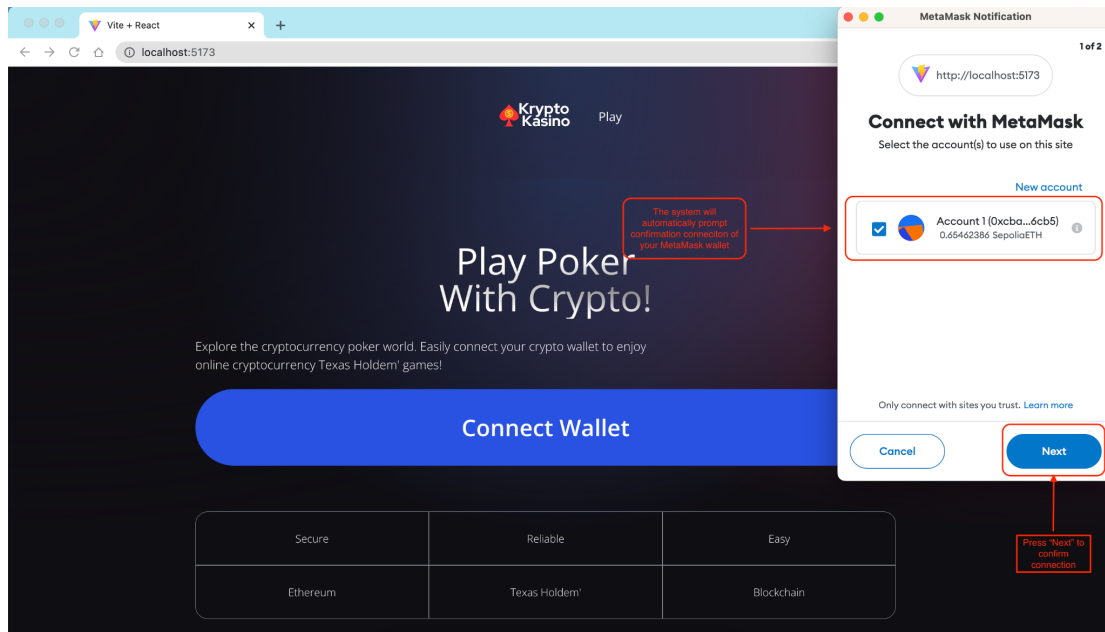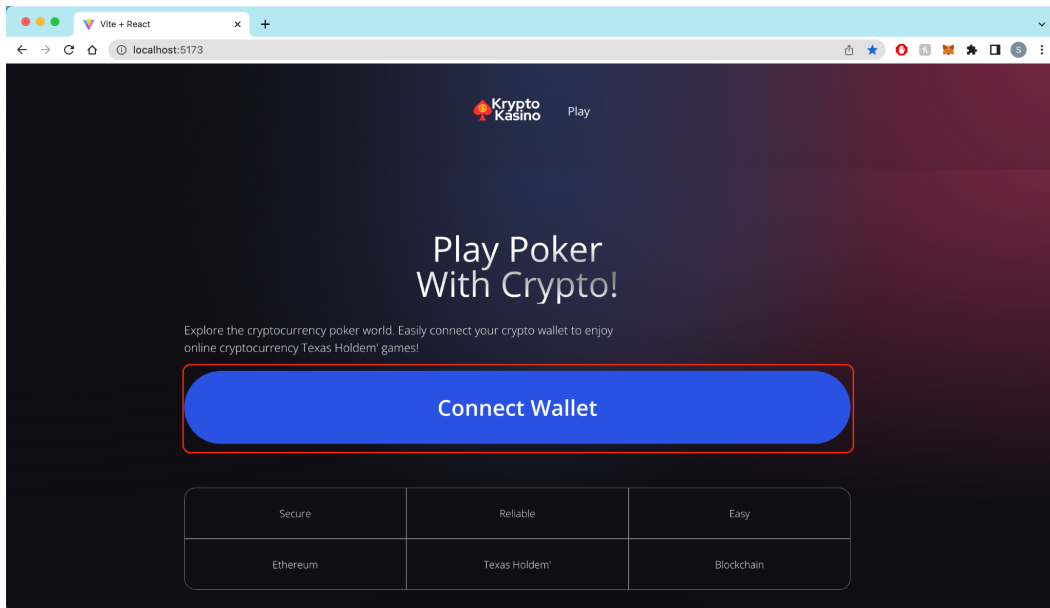
2. **Cryptocurrency:** A digital or virtual currency that uses cryptography for security, making it difficult to counterfeit or double-spend. Examples include Ethereum (ETH), Bitcoin (BTC), and Litecoin (LTC).
3. **Ethereum (ETH):** An open-source, blockchain-based platform that enables the creation of decentralised applications (dApps) and smart contracts. ETH is also the native cryptocurrency of the Ethereum platform.
4. **Metamask Wallet**: A popular browser extension that serves as a secure wallet for managing, storing, and transacting with Ethereum-based cryptocurrencies.
5. **Smart Contract:** A self-executing contract with the terms of the agreement directly written into code. Smart contracts run on the blockchain, enabling trustless and decentralised transactions.
6. **Decentralised Finance (DeFi):** A financial system built on blockchain technology, offering decentralised, transparent, and secure financial services without relying on traditional intermediaries like banks or financial institutions.
7. **Gas Fee:** A fee required for executing transactions and smart contracts on the Ethereum network. Gas fees are paid in ETH and compensate miners for their computational work.
8. **dApp (Decentralised Application):** An application that runs on a decentralised network like Ethereum, leveraging the security, transparency, and trustless nature of blockchain technology.
9. **Public and Private Keys:** Unique cryptographic keys used in blockchain systems to secure and verify transactions. The public key is shared openly and is used to receive transactions, while the private key is kept secret and is used to sign transactions, proving ownership of the associated assets.

By familiarising themselves with these technical terms, users can better understand the Crypto Poker web application by having a more comprehensive understanding of the underlying technologies and processes.
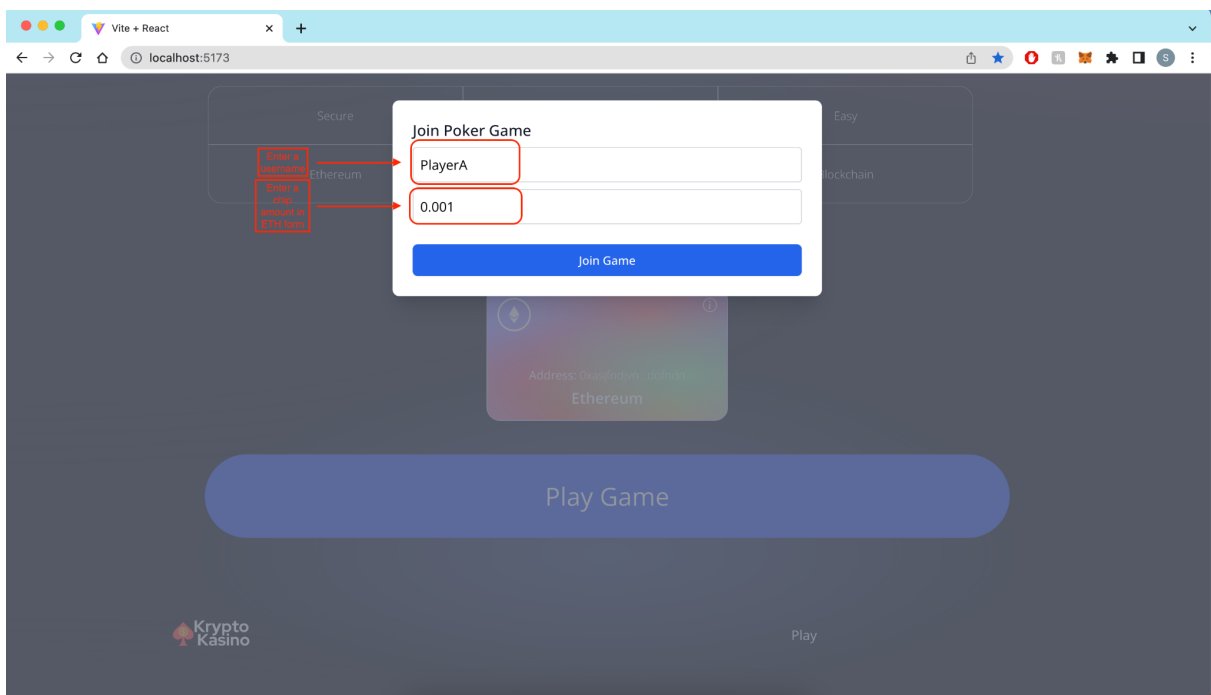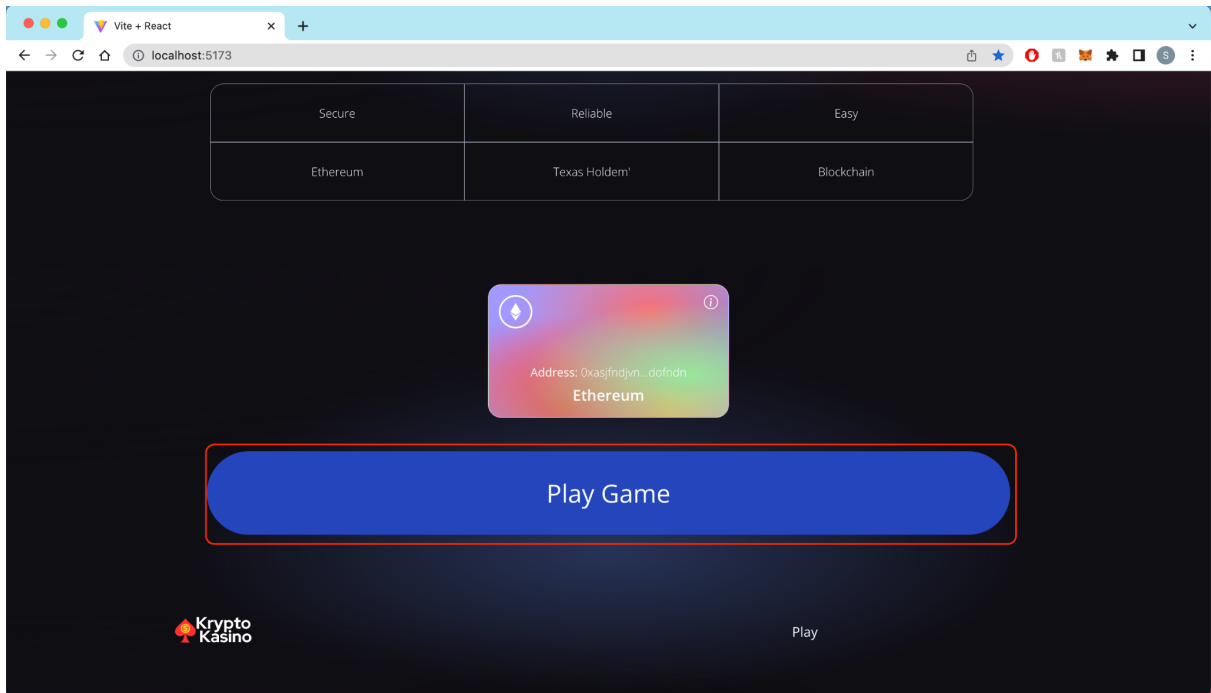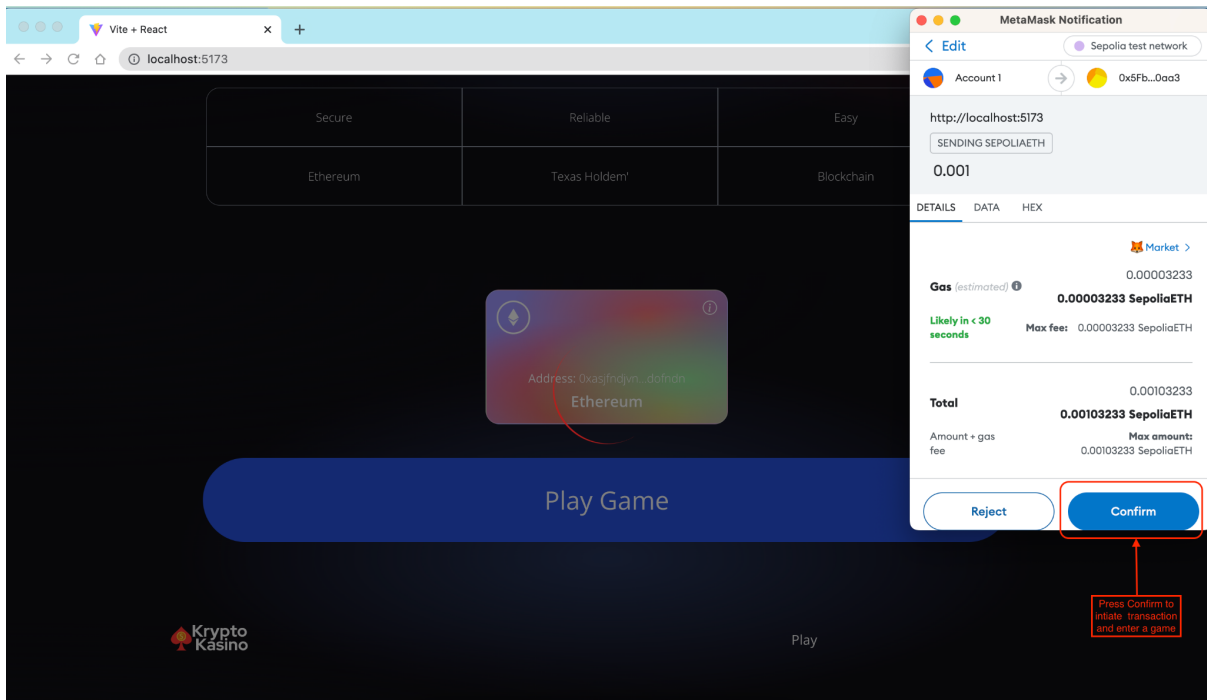
IV.   Features and Usage

The web app offers an intuitive and user-friendly interface that allows players to easily navigate and participate in games. Here are the key features and instructions on how to use the application:

1. **Connect Wallet:** To begin, users must connect their Metamask wallet to the web application. Click on the "Connect Wallet" button, which will prompt Metamask to open and request permission to connect. Confirm the connection, and your wallet will be linked, allowing you to manage and monitor your in-game cryptocurrency balance.
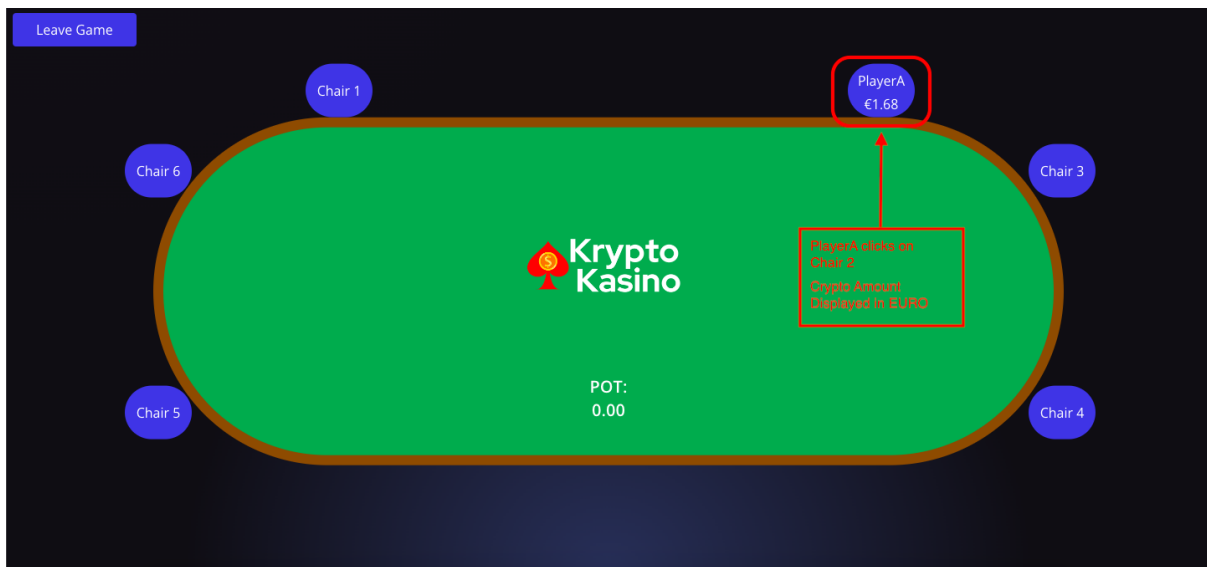
2. **Play Game:** Once connected, users can join a game by selecting a username and choosing a buy-in amount. The buy-in amount represents the initial number of chips the player will receive to participate in the game. After selecting the desired buy-in amount, users will be prompted to confirm the transaction with Metamask, which will deduct the equivalent ETH from their wallet and grant them the corresponding chips.

Secure | Reliable | Easy
Ethereum | Texas Holdem' | Blockchain

Address: 0xasjfndjvn...dofndn
Ethereum

Play Game

Krypto Kasino   Play

Join Poker Game

PlayerA

0.001

Join Game

Enter a username
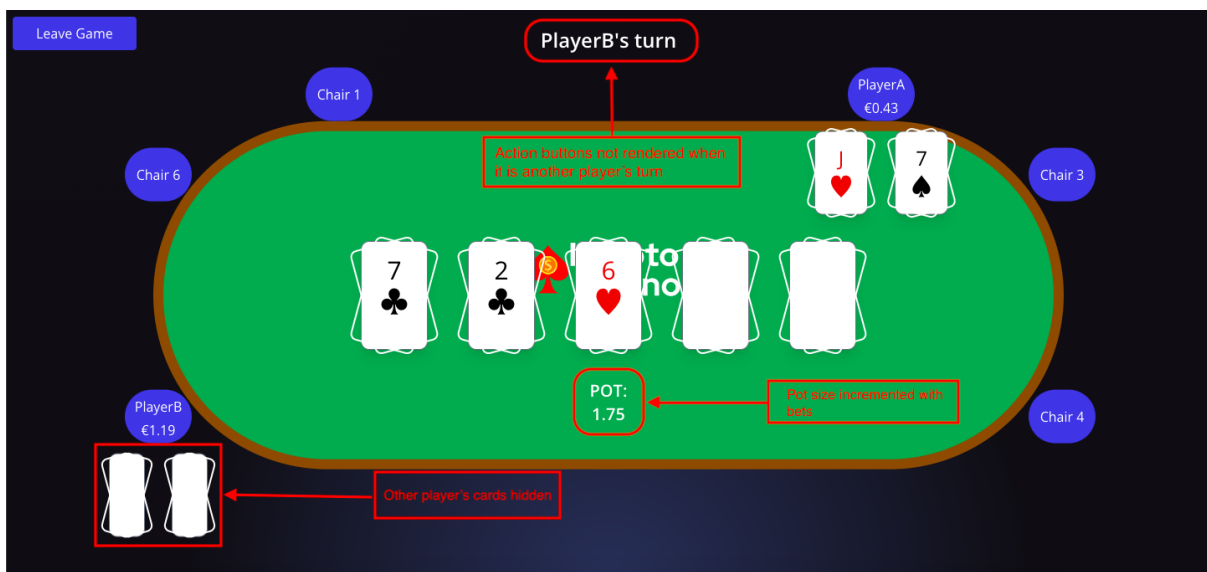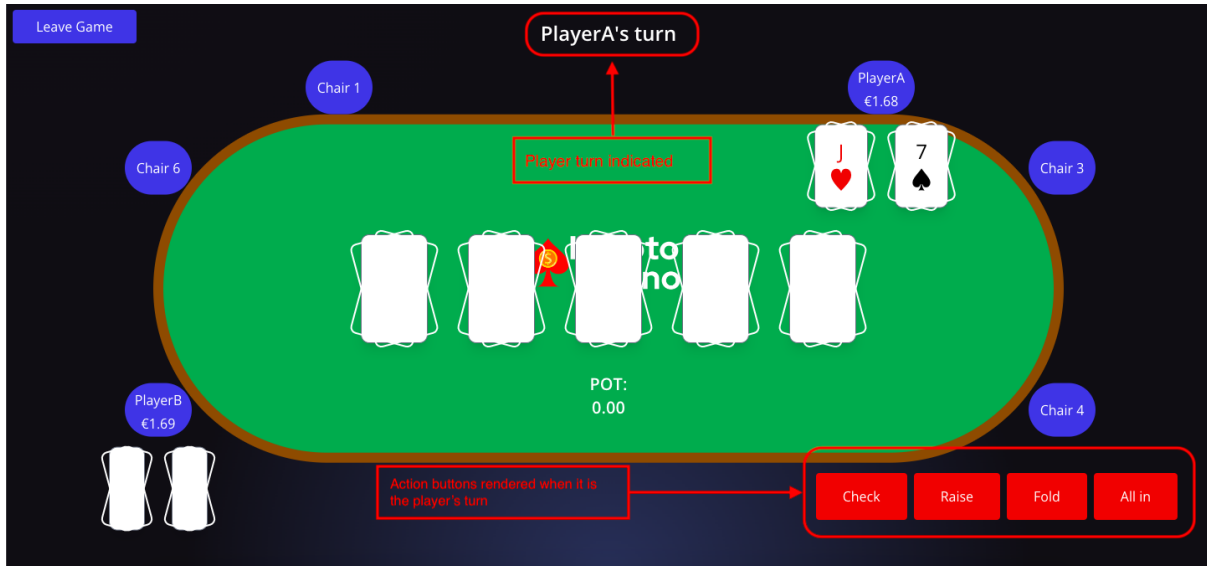
Enter a wager amount in ETH tokens

3. **Select a Chair:** After the transaction has been confirmed, users can choose an available chair at the poker table. Click on the desired chair, and the player's name and crypto amount in Euros will appear, indicating that they are now seated and ready to play.

4. **Gameplay Options:** During the game, players will be presented with a variety of options based on standard poker rules. These options include:
   a. Check: If no bet has been made in the current betting round, players can choose to "check," passing the action to the next player without making a wager.
   b. Fold: Players can choose to "fold" if they believe their hand is unlikely to win. Folding means the player forfeits their current hand and any bets they have made in the current round.
   c. Call: If a bet has been made, players can choose to "call" by matching the current bet amount, indicating they wish to stay in the hand and see the next card or proceed to the showdown.

d. Raise: Players can "raise" by increasing the current bet amount, forcing other players to either match the new bet, fold, or raise further. Raising can be a strategic move to force opponents with weaker hands to fold.

5. **Leave Game:** At any point during the game, players have the option to "leave game" by clicking the corresponding button. This will allow them to cash out their remaining chips and convert them back into ETH. Once the transaction is confirmed through Metamask, the player's chair will become vacant, and their remaining balance will be transferred back to their connected wallet. It is essential to use this feature responsibly and only leave the game when it is appropriate, ensuring a smooth gaming experience for all participants.

V. Frequently Asked Questions

Here are some possible Frequently Asked Questions (FAQs) for the Crypto Poker web application:

1. How do I connect my Metamask wallet to the web application?

    Click the "Connect Wallet" button on the platform, and the Metamask extension will prompt you to confirm the connection. Once you grant permission, your wallet will be linked to the application.

2. Is my cryptocurrency secure while playing the game?

    Yes, the platform utilises blockchain technology and smart contracts to ensure a secure and transparent gaming environment. Your cryptocurrency remains in your Metamask wallet until you place bets or cash out your winnings.

3. What cryptocurrencies can I use to play Crypto Poker?

    Currently, the platform supports Ethereum (ETH) as the primary currency for gameplay. Make sure you have sufficient ETH in your Metamask wallet to participate in games.

    Are there any fees associated with playing Crypto Poker?

    While the platform itself may have minimal fees for certain transactions or games, players should be aware of Ethereum network gas fees, which are required for executing transactions and smart contract interactions on the blockchain.

4. How do I cash out my winnings?

To cash out, click the "Leave Game" button, which will convert your remaining chips back into ETH. Confirm the transaction with Metamask, and your balance will be transferred back to your connected wallet.