**IMMUTABLE ZKEVM WRITE-UP**

**OVERVIEW OF IMMUTABLE ZKEVM**

Immutable zkEVM is an Ethereum Virtual Machine (EVM)-compatible zero-knowledge proof (ZK-rollup) that is specifically designed for gaming. It is powered by Polygon's cutting-edge open-source zkEVM technology, and it is complemented by the full support of the Immutable platform.

ZK-rollups are a type of scaling solution for Ethereum that uses ZKPs to bundle hundreds or even thousands of transactions into a single proof. This proof can then be verified by the Ethereum blockchain for a much lower cost than processing each transaction individually.

Immutable zkEVM is the first zkEVM that is specifically designed for gaming. It offers a number of benefits for developers, including reduced costs, enhanced scalability, and seamless interoperability with Ethereum.

**Benefits For Developers**

There are many benefits for developers to build on Immutable zkEVM. Some of the key benefits include:

* **Reduced costs:** Immutable zkEVM significantly reduces the cost of gas fees for gamers and developers. This is because zkEVMs can bundle hundreds or even thousands of transactions into a single proof, which can then be verified by the Ethereum blockchain for a much lower cost.
* **Enhanced scalability:** Immutable zkEVM can process thousands of transactions per second, which is significantly more than Ethereum. This makes it ideal for gaming applications, which often need to process a large number of transactions in real time.
* **Seamless interoperability:** Immutable zkEVM is fully interoperable with Ethereum, which means that developers can easily integrate Immutable zkEVM-based games with other Ethereum applications and ecosystems.
* **Developer-friendly environment:** Immutable zkEVM provides a developer-friendly environment that makes it easy to build and deploy web3 games. Developers can use existing tools and frameworks, and they do not need to learn any new programming languages.

**APPEAL OF IMMUTABLE ECOSYSTEM**

The Immutable ecosystem offers a number of value propositions for developers and gamers alike. Some of the key value propositions include:

* **Global orderbook and marketplace network:** Immutable's global orderbook and marketplace network makes it easy for gamers to buy and sell NFTs across multiple marketplaces with a single order. This increases liquidity and makes it easier for users to find the best prices for NFTs.
* **Ready-to-use player community:** Immutable has a large and active player community that is already familiar with Immutable's products and services. This gives developers a ready-made audience for their games.
* **Enhanced composability:** Immutable's ecosystem is designed to be highly composable, which means that developers can easily integrate their games with other Immutable products and services. This opens up new possibilities for innovative gameplay mechanics and cross-game experiences.

Immutable Passport

Immutable Passport is a non-custodial wallet that makes it easy for gamers to onboard into the web3 ecosystem. Immutable Passport is integrated with all of Immutable's products and services, and it provides users with a seamless experience when playing games, buying and selling NFTs, and participating in other web3 activities.

Immutable Passport plays a vital role in onboarding the masses to web3 gaming. It makes it easy for gamers to create a wallet and start playing Immutable zkEVM-based games without having to worry about the complexities of managing a private key. Immutable Passport also provides gamers with a secure and convenient way to store and manage their NFTs.

**GAME SPOTLIGHT: GODS UNCHAINED**

**OVERVIEW**

Gods Unchained is a free-to-play trading card game (TCG) that is currently developed on Immutable zkEVM. It is one of the most popular TCGs on the blockchain, and it has a large and active player community.

Gods Unchained is set in a world where the gods have been cast down from heaven and are now fighting for dominion over the earth. Players collect cards that represent different gods and creatures, and they use these cards to build decks and battle other players.

**GAMEPLAY**

**Gods Unchained gameplay is similar to other TCGs like Magic:** The Gathering and Hearthstone. Players draw cards from their decks and take turns playing them. Cards can be used to summon creatures, cast spells, and attack the opponent. The first player to reduce their opponent's health to zero wins the game.

**CORE REASONS FOR BUILDING ON IMMUTABLE ZKEVM**

The Gods Unchained team chose to build on Immutable zkEVM for the following core reasons:

* **Reduced costs:** Immutable zkEVM significantly reduces the cost of gas fees for gamers, which is important for a TCG like Gods Unchained, where players often buy and sell cards on the marketplace.
* **Enhanced scalability:** Immutable zkEVM provides Gods Unchained with the scalability it needs to handle a large number of players and transactions.
* **Seamless interoperability:** Immutable zkEVM's interoperability with Ethereum allows Gods Unchained to easily integrate with other Ethereum applications and ecosystems.

Gameplay Footage

Here is a link to a gameplay footage of Gods Unchained:

https://www.youtube.com/watch?v=mLvFIUKYbUc

**Enthusiasm**

I am excited about Gods Unchained for a number of reasons. First, I am a big fan of TCGs, and I think Gods Unchained is one of the best TCGs that I have played. Second, I am excited about the potential of Gods Unchained to revolutionize the TCG industry. By building on Immutable zkEVM, Gods Unchained is able to offer players a number of advantages over traditional TCGs, such as reduced costs, enhanced scalability, and seamless interoperability.

**Product Roadmap**

The Immutable zkEVM team is working on a number of exciting features for the future, including:

* **Support for more games:** The Immutable zkEVM team is working to bring more games to the platform, including a variety of genres, such as RPGs, strategy games, and action games.
* **Improved scalability:** The Immutable zkEVM team is working to improve the scalability of the platform so that it can handle even more players and transactions.
* **New features for developers:** The Immutable zkEVM team is working on new features for developers, such as a game engine and a set of development tools.

**CONCLUSION**

Immutable zkEVM is a powerful platform for building web3 games. It offers developers reduced costs, enhanced scalability, seamless interoperability with Ethereum, and access to the Immutable ecosystem. Immutable Passport also plays a vital role in onboarding the masses to web3 gaming.

I am excited about the future of Immutable zkEVM and the potential it has to revolutionize web3 gaming. I believe that Immutable zkEVM will enable developers to create games that are more fun, more engaging, and more accessible to everyone.  
  
  
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