

NFT Vision
Hack

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Introduction



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Software Developer

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This is Mohammed Mudassir M from INDIA. I am a software developer. I have worked at couple of startups in my past 4 years. Creativity and Innovation is what drives me. Given a problem, I go above and beyond to come up with simple and innovative ideas/solutions. Apart from coding, I do have great interest in Acting.

Track of choice: Gaming & NFTs

The Game has 5 rounds and each round will have 2-3 questions. There will be a timer say 20 sec for every question.

Round 1 has 10 points for every second. Max point can be scored is timer 20 sec x 10 = 200 points. If a player locks the right answer at 10th second then scored points will be 10 x 10 = 100 points.

3 players who top the leaderboard will get NFT tokens.

Minting 3 tokens as Gold, Silver and Bronze based on the rank of the player.

Ethereum and Solidity smart contracts to store user score information.

Metadata is stored in a decentralized, distributed file system. IPFS or InterPlanetary File System and also in MySQL db.

Pinning service to store a copy of your IPFS data on the IPFS nodes.

nft.storage to store public NFT data.

Project: Who is Smarter?

A super fun game where people play over brain-teasers, pictorial puzzles and audio-video questions to win huge rewards. It is a realtime game, people from any part of the globe can compete.

Brand new 12 pictorial puzzles, audio-video questions or brain teasers for the players (Tuesday- Saturday) and declaring the winners on Monday.

Top 3 players whose points will be more at the end of every week will get the tokens. We can mint different level of tokens based on the rank of the players (current plan is to mint 3 tokens for top 3 winners as Gold, Silver and Bronze).

Players who don't top the leaderboard will be still able to convert their points and store in e-wallet which can be redeemed while shopping from e-commerce partners. Players can even exchange points to get coupons. For example if a player scores 1000 points in a game, it gets converted as $1000/1000 = 1$ cent in the e-wallet. Currently in the system it's INR.

It is a HTML5 game and can be run in any modern browser. React Js to build the UI. PHP for handling backend, MySQL database to store encrypted user information and Node Js server to mint and assign the token URIs to the winners.

Pinning service to store a copy of your IPFS data on the IPFS nodes and nft.storage to store the token URIs by using upload api.

Technology & Tech Stack

Who is Smarter? is a HTML5 game. Its architecture is designed to make the system accessible, secure and anonymous. Game can be played on any browser-compatible device, is protected against external attacks and complies with current data privacy. Currently the game is served as android apk. Using webviews to load the game in the app.

System is divided into 3 parts:

- 1) Game panel: UI where users interact with the game
- 2) Admin control panel: To control the flow of the game
- 3) Node Js server to mint and distribute the token URIs to the winners.

Web Client Application (React JS): HTML5 game distributed as static webpage, PWA or phone application, making the system widely accessible. Provides an UI for users to interact with the system, play the game and collect the tokens.

Backend Server: PHP script to handle backend and MySQL database to store encrypted user information. PHP sessions and user authentication to secure user data. HAProxy load balancer to distribute the users across the cluster of nodes. A ecosystem of interconnected containerized services inside of an internal isolated network (unreachable from the outside).

RSK: Via Ethereum and Solidity smart contracts we store user score information in an anonymous and decentralized way. The system can be made accessible platform for potential partners where in users can redeem points.

Scalability

Who is Smarter ? is an addictive free tricky puzzle game with a series of tricky brain teasers, pictorial puzzles and audio-video questions. Different riddles and tricky questions will challenge your mind. This new puzzle game may break common sense and bring you a new brain-pushing experience! You can enjoy yourself with your friends and family with this addictive and funny free LOGIC game. Think out of the box, crack the puzzles and get ready to take the logic quiz!

Fun for All Ages: The best trivia game for family & friends gatherings! This can be distributed globally. Currently the game supports English and Hindi language. This can be scaled to native languages based on the user's location and preference.

Simple and highly addictive game play. Anyone can play the game. Players just have to use their common sense to solve the tricky puzzle.

Everyday 12 new questions and the game runs 6 days in a week (Tuesday to Sunday). Results will be displayed on every Mondays. Be top in the leaderboard and win rewards every week. Just by spending 15-20 mins everyday players stand a chance to win huge rewards.

We can attract sponsors to sponsor the game and we can make brain teaser questions on our sponsors product as well.

As this is a HTML5 game, it can be run on any modern browser.

Secure and validated system that can be easily integrated. We can make the system accessible for various partners for our rewarding program. By using wallets to manage rewarding we keep the storage of private data minimal.

React JS for developing Web applications that can be easily distributed for multiple platforms and adapted for any device size and interface.

DEMO

App URL: <https://play.google.com/store/apps/details?id=com.masinfionex.whoissmarter>

Game Login credentials:

Username: test@gmail.com

Password: 123456789

Note: As Mondays are result day, points scored on Monday will not be included in the final score.

Admin Panel URL:

https://masinfionex.com/mwis_MYFZO1PN2OA7X9APB1R1EQXWACLDRPX6HC7G7WQRET7G6BB8C6HAWX2JVOMFXOP05F19T2KHW3SUEOH9CTIKFWDQ0WGAURY27T8S5Q81QO8KDFNEBXAZ33X6NLKBLMW/

If you find any difficulty or want to know more about the game please feel free to contact me at
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Thank You