

SPACEEXPANSE: BATTLESIPS GAME OVERVIEW

THE CLASSIC GAME OF BATTLESHIP, BUT WITH A TWIST



BLOCKCHAIN AND GAMEFI INTEGRATION

Welcome to the exciting world of **SpaceXpanse: Battleships**! This online GameFi game brings a new dimension to the classic Battleship game by integrating ROD blockchain technology on the innovative **SpaceXpanse Multiverse** platform.

Simple multiplayer online game in the ROD blockchain

- Backend is developed on top of **libspex's headless Ships game**.
- Frontend/UI will be made with Unity or Unreal Engine
- Simplistic gameplay: Two players can choose to compete with each other's tactical combat, strategic skills and sheer luck for a prize that they agreed upon in the beginning.
- Ability to compare players' scores through Leaderboard
- Owning NFTs to straighten spaceship's attack and defense capabilities /TBA/
- In-game communication in real time through **Metalog** /TBD/

Dive into the strategic depths of naval space warfare with the classic game of Battleship, but with a few twists, where cunning tactics and shrewd guesswork reign supreme in outer space. **SpaceXpanse: Battleships** is an iconic two-player board game that brings the thrill of space combat to your fingertips. Each player commands a fleet of ships hidden on a grid-based battlefield. The objective? To strategically pinpoint and strike your opponent's fleet before they do the same to you.

At the heart of **SpaceXpanse: Battleships** lies a battle of wits and deduction. Players take turns calling out coordinates on the grid, aiming to strike their adversary's vessels. The challenge intensifies as you employ strategic reasoning to deduce the location of your opponent's ships based on their hits and misses.

The game will offer a variety of spaceship types, each with a distinct size and shape, ranging from the compact glider to the formidable space destroyer. Success hinges on your ability to anticipate your opponent's moves while safeguarding the secrecy of your own fleet.

Prepare to unleash your inner commander as you deploy your attacks with calculated precision. Will you choose to blanket an area with shots, hoping to catch a hidden vessel in the crossfire, or will you methodically zero in on a suspected ship's location? The thrill lies in the uncertainty, the tension of each salvo, and the elation of a successful hit.

SpaceXpanse: Battleships is a game of strategy, deduction, and a touch of luck. It's a timeless contest that has entertained generations, fostering intense rivalries and moments of exhilarating triumph. Whether you're engaging in a friendly ace-off or strategizing against a formidable adversary, **SpaceXpanse: Battleships** promises an engaging and immersive experience that has stood the test of time. So set sail, marshal your fleet, and navigate your way to victory in this thrilling game of naval space warfare.

MONETIZATION STRATEGY

SpaceXpanse: Battleships leverages a variety of revenue streams and in-game purchase options to create a sustainable and engaging economic model, ensuring continuous development and a dynamic player experience.

Possible Revenue Streams

- Initial Ship Sales:** Players purchase ships, which are represented as NFTs, to start their journey in SpaceXpanse: Battleships. These initial sales generate significant revenue as players invest in their fleets.
- In-Game Purchases:** The game features various in-game purchases, including ship upgrades, weapon enhancements, special items, and customization options. These microtransactions provide a steady stream of income.
- Marketplace Fees:** A decentralized marketplace allows players to buy, sell, and trade ships and other NFTs. SpaceXpanse takes a small transaction fee from each marketplace transaction, generating revenue from player-to-player trades.
- Subscription Services:** Premium subscription options offer players additional benefits such as exclusive missions, early access to new content, and enhanced earning potential. Subscriptions provide recurring revenue.
- Advertising and Sponsorships:** In-game advertising and sponsorship deals with brands can be integrated into the game environment, providing another revenue stream while maintaining an immersive experience.
- Event Participation Fees:** Special events, tournaments, and competitions may require entry fees. These events attract players looking for unique rewards and recognition, adding to the overall revenue.
- Play-to-Earn Model:** While primarily a player benefit, the play-to-earn model encourages continuous engagement, leading to increased in-game purchases and marketplace activity, indirectly boosting revenue.

Possible In-Game Purchase Options

- Ship Upgrades:** Players can purchase upgrades for their ships, enhancing speed, armor, weapon capacity, and other attributes to gain a competitive edge in battles.
- Weapon Enhancements:** A variety of weapons and ammunition types are available for purchase, allowing players to customize their ship's offensive capabilities.
- Customization Options:** Cosmetic items such as ship skins, decals, and unique designs enable players to personalize their fleets and stand out in the game.
- Special Items:** Limited-time offers on rare items, boosters, and power-ups provide strategic advantages and are available for purchase.
- Resource Packs:** Players can buy packs of resources needed for upgrades and maintenance, ensuring they can continue to enhance their fleet without waiting for resource accumulation through gameplay.
- New Ships:** As new ships are introduced into the game, players can purchase these to expand and diversify their fleets, taking advantage of new capabilities and strategies.
- Mission Passes:** Certain premium missions and quests may require players to purchase passes, granting them access to exclusive content and higher rewards.

GAME FLOW

SpaceXpanse: Battleships blends strategic gameplay with blockchain technology to create a unique and rewarding experience, empowering players through true ownership of digital assets and offering a variety of ways to engage and earn within the game.

It offers an engaging and strategic gameplay experience, utilizing blockchain technology to enhance traditional gaming elements. Here’s an overview of the game flow:

- Account Creation and Wallet Setup:** Players create an account on the SpaceXpanse Multiverse platform and set up a digital wallet to store ROD coins and NFTs.
- Acquiring Battleships:** Players can purchase, earn, or trade for battleships, which are represented as NFTs on the blockchain. Each ship has unique attributes and can be upgraded or customized.
- Fleet Management:** Players manage their fleet by organizing ships, equipping them with various weapons and upgrades, and preparing for battles. Fleet composition and ship enhancements are crucial for strategic advantage.
- Missions and Battles:** Players engage in missions, which include PvC (player vs. computer) scenarios and PvP (player vs. player) battles. Successful completion of missions and battles earns players rewards in the form of ROD coins and rare NFTs.
- Strategic Planning:** Tactical planning is essential for success. Players must consider ship positioning, weapon choice, and fleet coordination to outmaneuver opponents and complete objectives.
- Resource Management:** Players collect resources through gameplay, which can be used to upgrade ships, purchase new equipment, and improve fleet capabilities. Efficient resource management is key to maintaining a competitive edge.
- Play-to-Earn Mechanics:** Players earn ROD coins through gameplay, which can be used for in-game purchases, traded on exchanges, or reinvested into the game. This model provides economic incentives and encourages sustained engagement.
- Community Interaction:** The game includes features for social interaction, such as forming alliances, participating in community events, and competing in leaderboards and tournaments. Collaboration and competition within the community add depth to the game experience.
- Continuous Progression:** As players progress, they unlock new ships, missions, and challenges. The game is designed to provide a continuous sense of achievement and progression, keeping players engaged over the long term.
- Marketplace and Trading:** An in-game marketplace allows players to buy, sell, and trade ships and other NFTs. This decentralized marketplace fosters a player-driven economy and enhances the overall gaming experience.

DEVELOPMENT PLAN

SpaceXpanse: Battleships has all the prerequisites to become a full-fledged blockchain game with a stable economic model and engaging gameplay. Although progress has been made in terms of core mechanics and blockchain integration, further serious development is necessary to realize its full potential, including advanced features, improved graphics, and user communication.

What has been done so far:

- The core game logic, including ship creation, placing them on the board, turn exchanges, and sinking them, which operates via command line.
- Ability to start a private blockchain between two or more players to record turn exchanges during the game without burdening the main blockchain. Only the result is recorded.
- Secure /trustless/ transactions using the ROD coin.
- Creation and secure transactions of tokens on the ROD blockchain.
- Integration with the ROD blockchain for creating, securely transacting, and managing NFTs representing ships and other assets.

What still needs to be done:

- Creating a graphical interface to enhance the visual experience.
- Integrating a play-to-earn model, allowing players to earn ROD coins and NFTs for completing missions and winning battles.
- Developing a decentralized marketplace for buying, selling, and trading ships and other in-game assets.
- Creating a leaderboard to track achievements and available NFTs for each player, potentially forming player alliances and cooperative missions.
- Incentives for continuous engagement such as a referral program and others.
- A variant with a 3D coordinate system.
- Developing advanced gameplay features, including guilds, large-scale battles, and strategic resource management.
- Expanding the NFT ecosystem to include more types of ships, weapon upgrades, and others.
- Introducing rare and limited-edition NFTs.
- Customization options for the appearance of ships.
- Animations for movement during the battle itself.
- Testing and optimization for performance and scalability under different load conditions.
- Development of mobile and cross-platform versions of the game.

Development Roadmap



More about SpaceXpanse Multiverse Platform

SpaceXpanse Multiverse is a top-notch project that merges blockchain and AI to create a trustless GameFi platform. This platform, designed for immersive user experience and decentralized applications, provides a space where users can interact and engage without limits.

- Key to the Multiverse platform are its core technologies, including the ROD blockchain, which powers transactions and storage for its native utility coin - ROD, tokens, NFTs, and a name-value database. The platform also features decentralized DNS for secure domain resolution and digital IDs for trustless user authentication.
- Empowering users with innovative features, the platform offers atomic trading for asset exchange and a Play-and-Earn model, allowing users to earn rewards while using applications. Development tools like SpeX Library and Democrit facilitate seamless integration with third-party applications, while the DappEngine simplifies the creation of decentralized apps.
- The Metaverse Simulator is the ultimate tool for testing 3D virtual environments, while Metalog will be its inner decentralized social network, utilizing the power of Nostr protocol. The AI-powered chatbot - D.A.R.M.A., will welcome and assist the users in every possible way. There will be Startup Hub that will support projects and initiatives by third parties.
- Our team of devoted professionals with expertise in different fields follows a structured roadmap, with stages focused on laying the foundation, scaling up, and community engagement.
- The platform operates under the MIT license, promoting collaboration and innovation by granting developers freedom to modify and distribute their software. Also, it ensures transparency through a registered NGO, allowing community members to track expenses and contribute to development through donations.

This is a long-term project that is based on real development and not on mere speculation. The people behind it have the vision, the energy, the knowledge, and the agenda to become major players in the field, so trusting SpaceXpanse Multiverse in this early stage is a once-in-a-lifetime opportunity.

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