

Game Design Document: Farm Invaders

Overview:

Farm Invaders is a mobile game that combines farm management, strategy, and multiplayer elements. Players will plant, grow, and harvest crops while fending off attacks from rival farmers. The game offers a unique twist on the traditional farming genre, as players can choose to play cooperatively or competitively, helping their friends or sabotaging their crops.

Gameplay:

Players will begin the game with a small farm and a handful of crops. They will be able to choose from over 50 different fruits and vegetables to plant, including oranges, mangos, and dragonfruit. Each crop will require different levels of care and attention to grow, and players will need to monitor the weather and soil conditions to ensure they are optimizing their yields.

However, the game is not just about planting and harvesting crops. Players will also need to fend off attacks from rival farmers who may try to plunder their crops, plant weeds, or leave vermin to destroy their fields. To protect their crops, players can purchase special guard birds that will help to scare off pests and predators.

In addition to managing their own farm, players will also be able to help their friends. They can send gifts, water their crops, and offer assistance with maintaining their fields. Alternatively, players can choose to be more aggressive and sabotage their friend's crops by planting weeds or leaving vermin.

To progress in the game, players will need to earn experience points (EXP). They can do this by harvesting crops, completing quests, and participating in mini-games. One such mini-game is "Slash Crops," where players need to swipe their finger across the screen to slice through as many crops as possible in a set time limit.

Features:

- Plant and maintain a variety of tasty crops, including over 50 different fruits and vegetables.
- Choose to help your friends or harvest some havoc by plundering their crops, planting weeds, or leaving vermin.
- Purchase special guard birds to protect your crops from attacks by rival farmers.
- Use muck to make your crops grow faster.
- Send gifts to your friends or help them water their crops.
- Participate in mini-games, such as "Slash Crops," to earn experience points and progress through the game.
- Customize your farm with dozens of colorful decorations.

Target Audience:

The target audience for Farm Invaders is casual mobile gamers who enjoy simulation and strategy games. The game will appeal to players who are looking for a fun and engaging way to pass the time while also providing a level of challenge and competition.

Monetization:

The game will be free to download and play, but players will be able to purchase in-game items and currency using real money. These items include special guard birds, muck to fertilize crops, and decorations to customize their farm. Players will also be able to watch ads to earn additional rewards and currency.

Conclusion:

Farm Invaders offers a unique and engaging take on the farming simulation genre. With its combination of farm management, strategy, and multiplayer elements, the game offers something for both casual and competitive players. The game's monetization strategy allows players to progress through the game without spending money, while also providing opportunities for players to enhance their gameplay experience through in-app purchases.

To add support for NFT's and blockchain technology in Farm Invaders, we could implement a feature that allows players to buy and sell unique in-game assets as NFTs on a blockchain platform. These assets could include rare crops, decorative items, or special guard birds.

Players could acquire these NFTs through gameplay or by purchasing them with real money. The ownership and transfer of these assets would be verified and recorded on the blockchain, ensuring their authenticity and uniqueness.

Additionally, we could offer exclusive NFTs to players who participate in special events or complete certain achievements within the game. These NFTs could serve as collectibles, incentivizing players to engage with the game on a deeper level and providing an additional revenue stream for the game.

To ensure that the integration of NFTs and blockchain is seamless and secure, we would work with reputable blockchain developers and utilize best practices for smart contract development and security. This would ensure that players can trust the authenticity and value of the NFTs they acquire in the game.

Overall, the addition of NFTs and blockchain technology to Farm Invaders would provide a new and exciting way for players to engage with the game and create a new revenue stream for the game developers.