

Quasar Quiz  
HackNYU - 2017  
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Background:

Quasar Quiz is a tower defense game that incorporates flash cards to create a fast-paced, yet highly-educational game. It features single-player gameplay in which the player tries to protect the planet Kepler-22b, an exoplanet that has become humanity's new Earth, by answering questions in order to obtain money to upgrade the planet's defensive capabilities.

Pitch:

Quasar Quiz is a fast-paced, educational game that encourages high school students to use flash cards. Flash cards have been widely accepted as one of the best studying techniques, yet common complaints include inability to properly create them, being mundane, and time-consuming. The game allows users to input a total of 30 flash cards with 10 being in use per game. The game is similar to tower-defense where the player has to defend Kepler-22b from multiple waves of enemies. The waves do not stop, and increases in difficulty. Players earn money that they can spend on defense upgrades by answering questions correctly.

How to Play:

The game starts with Kepler-22b at 100 Health, and if it falls to 0, the player loses the game. The player wins the game after answering all 10 questions correctly, and the wave of aliens are defeated. The player will start off with 1 satellite, and can gain 2 more through upgrades. By answering questions correctly, the player can obtain gold to upgrade their defensive capabilities. If they fail to answer questions fast enough, or correctly, the waves will become more difficult to stop, and they will lack the necessary funds to stop the waves. Typical games are expected to last 5 minutes with 10 questions.