



Castle Tower Defense

Diego Chavez, Fahad Alqahtani, Jose Chavez, Rayan Alsabr

Overview:

Castle Tower is a strategy-based tower defense game based on balloon tower defense. It will be based on medieval times with your enemies as infantry and cavaliers trying to take control of your castle. Your goal is to defend the base with your towers taking out enemies. You will be able to upgrade your towers with money earned from defeating enemies. The enemies will get harder as the waves go on.

Technical Requirements:

- Programming in C++
- Graphics with Open GL
- Inputs: Mouse to start game and to place towers and upgrade as well

Product Features:

- 2-D
- Sound effect and music

Physics:

- Collision detection

Overall Goals:

- Wave difficulty
- Different types of enemies
- Upgradeable towers
- Different maps

Division of Labor:

- Diego: Towers and enemies
- Fahad: Physics
- Jose: Maps
- Rayan: User interface