

Team Members:

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Project Overview:

Project Brief

Project Synopsis

"Tekken" is a captivating fighting game that thrusts players into the heart of intense martial arts combat. Players fight one-on-one as recognizable characters with a variety of fighting techniques, executing push, kicks, strong special moves, and complex combinations. The dynamic setting of the game lets players take strategic use of their surroundings. "Tekken" is a game that pushes players to learn the art of hand-to-hand combat while providing an adrenaline-pumping experience with its realistic animations, breathtaking graphics, and diverse cast of characters. Playing the captivating single-player campaign or competing against friends in multiplayer matches will immerse gamers in the exciting world of Tekken, where timing, skill, and strategy determine who emerges victorious.



this multiplayer Tekken game, players will engage in intense one-on-one martial arts battles, taking control of iconic characters known for their diverse fighting styles. Key gameplay features include:

- **Player Control:** keyboard input to allow players to execute precise and responsive movements, incorporating both vertical and horizontal actions.
- **Combat Mechanism:** Enable players to execute intricate combos, special moves, and throws, providing a deep and skill-based fighting system. Different characters will have unique abilities, adding variety to the gameplay.
- **Multiplayer Mode:** Implementing multiplayer functionality, allowing players to challenge each other in real-time battles. This mode will feature matchmaking based on skill levels to ensure fair and competitive matchups.
- **Scoring and Levels:** Introduce a scoring system that rewards players for successful attacks, combos, and strategic play. Advancing through levels will unlock features and stages providing a sense of progression and accomplishment.
- **Health and Damage System:** Implement a health and damage system where successful attacks reduce the opponent's health. A well-timed combo or special move can turn the tide of the battle, adding an element of strategy to the fights.



The multiplayer Tekken game aims to deliver an exhilarating and competitive experience, blending strategic combat, precise controls, and engaging multiplayer functionality. The UML diagram below provides a tentative breakdown of the classes involved in the game's implementation.

