Report of CS 207 Course Project – TankCraft

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1. Game Description

TankCraft is a player vs player tank battle game, where each player manipulates one tank, control movement, rotation and fire action of the tank. The goal is to defeat the other player’s tank. Each tank has 4 hitpoints(HP). An effective hit will cause the other tank lose 1 HP. The game ends when either of the tank’s HP reduces to 0.

1. Classes Description

Sprite

Scenenodes

States

Handle Player Inputs

1. Algorithms

Collision Detection