# Tanks Game Rules:

## Single-Player & Cooperative:

#### General Game Rules:

- A round ends once all of one team's tanks are destroyed (either all players or all A.I.)
- Upon round win, the player is presented two options:
  - Return to main menu
  - Go to next round
- Upon round loss, the player is presented with two options:
  - Return to main menu
  - Replay same round
- Upon winning round 100, the player is presented with two things:
  - A special win screen
  - An option to return to the main menu
- In one run of the game (any amount of rounds played without returning to the main menu), two statistics are tracked:
  - Number of tanks destroyed by the player(s) (lost rounds do not contribute to this statistic)
  - Number of player deaths/lost rounds

### Player Rules:

- Player 1 (blue tank) and Player 2 (red tank)
- Maximum number of bullets: 5

- Maximum bullet bounces: 1
- Maximum number of mines: 2
- Relative Speed: 1.8
- Player tanks die in one hit from any bullet or mine (including ones shot by the player itself)

#### A.I. Rules:

- Brown tanks:
  - o Maximum number of bullets: 1
  - Maximum bullet bounces: 1
  - Maximum number of mines: 0
  - o Relative Speed: 0
  - Player pursuit level (negative = passive, positive = aggressive, 0 = neutral): N.A.
  - o Description: stationary with bad aim
- Gray tanks:
  - Maximum number of bullets: 1
  - Maximum bullet bounces: 0
  - Maximum number of mines: 0
  - Relative Speed: 1.0
  - Player pursuit level (negative = passive, positive = aggressive, 0 = neutral): -0.1
  - o Description: slow and don't shoot much, but good aim
- Yellow tanks:
  - Maximum number of bullets: 1
  - o Maximum bullet bounces: 1

Maximum number of mines: 2 o Relative Speed: 1.8 • Player pursuit level (negative = passive, positive = aggressive, 0 = neutral): 0 Description: fast and don't shoot often, but place lots of mines Pink tanks: Maximum number of bullets: 3 Maximum bullet bounces: 1 Maximum number of mines: 0 • Relative Speed: 1.2 • Player pursuit level (negative = passive, positive = aggressive, 0 = neutral): 0.2 Description: slow and aggressive, shoot volleys of three bullets at a time Green tanks: Maximum number of bullets: 2 Maximum bullet bounces: 2 • Maximum number of mines: 0 o Relative Speed: 0 • Player pursuit level (negative = passive, positive = aggressive, 0 = neutral): N.A. • Description: stationary but very good aim, will look for sightlines to player Purple tanks: • Maximum number of bullets: 5 o Maximum bullet bounces: 1 • Maximum number of mines: 1 • Relative Speed: 1.8

- Player pursuit level (negative = passive, positive = aggressive, 0 = neutral): 0.1
- Description: very fast and aggressive, shoot volleys of five bullets at a time and occasionally places mines

## Player versus Player:

#### General Round Rules:

- A round ends once all of one team's tanks are destroyed
- Upon round end, the players are presented two options:
  - Return to main menu
  - o Play again

### Player Rules:

- Player 1 (blue tank) and Player 2 (red tank)
- Maximum number of bullets: 5
- Maximum bullet bounces: 1
- Maximum number of mines: 2
- Relative Speed: 1.8
- Player tanks die in one hit from any bullet or mine (including ones shot by the player itself)