

GAME DESIGN DOCUMENT

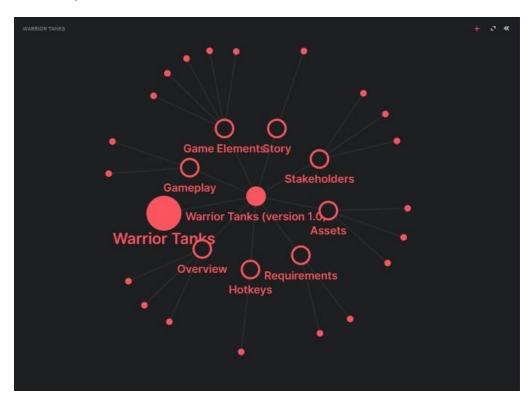
Warrior Tanks

December 27, 2020

About

Warrior Tanks is a fast-paced computer/mobile game where you have to destroy the opponent with firepower. The game is available on Window, Mac, iOS, and Android devices. You can play it alone or with another player, and you can choose from over 100 weapons and tools to create burrows and fight the good fight.

Graphical Representation



Cluster



Stakeholders

Dev: @Ishan_Jaiswal

Design: @Ishan_Jaiswal

Quality Assurance: @Harishankar_Singh_Yadav @Rohan_Panjwani

Overview

Project Scope:

Budget: N/A

Timeline: 30 days

Elevator Pitch:

I would encourage you to share Warrior Tanks Shareware with everyone you know. It's a free game, and who doesn't want to play a high-quality game that's free?

Monetization:

Normal game - Free

Deluxe game - Paid (Premium version)

Story

- Warrior Tanks is a game in that you have all the gameplay, options, and weapons you need to enjoy a great game of artillery.
- However, if you truly like the game, I hope that you would support our efforts by purchasing Warrior Tanks Deluxe.

 Buying the Deluxe edition not only gets you new weapons, but you will also help us keep the ship afloat.

Gameplay

Unpaid mode:

The point of Warrior Tanks, often abbreviated as W-Tanks or simply as WT, is to use various weapons to attack the other player's tank. Each hit scores a certain number of points, which varies based on the weapon and proximity. At the end of 10 volleys, the player with the highest points wins.

The game features a fully destructible environment, which allows the players to put themselves on pedestals, in tunnels, or bunkers, allowing for the probability of strategic play.

Paid mode:

Warrior Tanks (Deluxe) supports weapon expansion packs, players can have up to 325 different weapons in total.

There are "weapon packs" available which give the player more weapon choices during gameplay. However, these expansion packs are only available to those who own *Warrior Tanks Deluxe*.

For the PC version, there are 30 Expansion Packs available to download on the web page. All packs that include 5 weapons are free, while those with 15 have to be purchased (mobile versions only). There are 320 weapons in total, including 30 from the original game and 290 from the Deluxe Version.

Game Elements

Brief Description:

This is a simple artillery game: two tanks, one hill, and a whole bunch of neat weapons to fire at each other. Select your power and angle, and fire the selected weapon. It's just that easy! First, try the game in the Target Practice mode to get a feel for the weapons.

Characters:

Single Player: In this, you will compete with your computer.

Multi-Player: In this, you and your other friend can play this game respectively in one frame.

Location (Terrain):

- Mountain/Hill
- Ocean
- Underwater
- Forest
- City
- Greenland
- Dessert
- River

Levels / Missions:

- 1. Easy
- 2. Normal
- 3. Hard
- 4. Very Hard

Objects:

There will be two tanks in this war game. Each game has 10 volleys. A volley is when player 1 gets a chance to shoot, and player 2 has the opportunity to return a shot. Each player starts out with 10 weapons, and they are used up as the game continues. To exit the game at any point, hit the ESC 'Escape' key.

Buttons->

- MOVE Move the tank a small distance, only 4 moves per game, you still get to shoot after moving.
- ANGLE Click on the dome and a crosshair will appear over the tank. Moving the
 the mouse left and right will change the angle to fire in. Clicking the
 the mouse again will select that angle.
- POWER Click the red power bar and move the mouse left and right to change the amount of power that will be used to launch the bullet.
- WEAPON Click on the weapon name for a weapon selection pop-up. Moving the mouse up and down with changing the selected weapon, which will be flashing yellow.
- FIRE Fires the weapon based on the angle and power that were selected. Some specialty weapons like the Dirt Mover, Well Digger, Laser, etc... only use angle, power, or neither, so be aware that there are exceptions to the rule

System Requirements

For WINDOWS:

- Windows 7/8/10
- DirectX 11 or greater (DirectX 10 with latest video card drivers recommended)
- 1.3 GHz CPU
- 32 megs of memory
- The video card that supports: 1366 x 768 (recommended) or higher resolution and 32/64 bit color depths (32-bit suggested)

For iOS:

- OS X 10.4+
- PPC or Intel CPU 300Mhz minimum (500Mhz recommended)
- 64MB of memory
- A video card that supports:
 1366 x 768 resolution and 16/24/32 bit color depths (32-bit suggested)

Hot Keys

Keyboard:

The game is played with a mouse, but there are a few keyboard shortcuts that you can take advantage of

ESC = Escape key exits the scene/game etc...

F5 = toggle sound fx on/off

F6 = toggle music on/off

F7 = toggle windowed/fullscreen

F8 = toggle LCD stretch/desktop resolution

SPACEBAR = Fire

W = Increase power

S = Decrease power

A = Raise Angle

D = Lower Angle

Q = Up one weapon

E = Down one weapon

LEFT ARROW KEY = Move left

RIGHT ARROW KEY = Move right

ENTER = Open chat window [Network Game]

Assets

Art: to be continued

Sound / Music FX: to be continued

Animation: to be continued