Algorithminds

Requirements Document

Project Description

A competitive video game based on the board game [Ricochet Robots](#).

Project Purpose

Users will exercise their problem solving and route visualization skills while they are having fun.

Timeline

The standard version should be delivered in the first days of February 2017.

Requirements

Functional Requirements

Primary:

1. Users will be provided with a menu.
2. Users can select the number of players to play.
3. Users can play the basic version of the game with their friends on the same device.

Secondary:

1. Users will be provided with game instructions.
2. Users can exercise in Single Player mode with hints about the best path.
3. Users can experience online multiplayer mode.
4. Sound options will be available.
5. The video game will be available to more languages.

Technical Requirements

Primary:

1. The video game will be built using the [Unity](#) game engine.
2. The video game will be available to Windows OS.

Secondary:

1. The video game will adjust automatically to different screen resolutions and ratios.