

Users Manual

FEUP's Balloon Game

T06G02

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Instructions to run:

- Open the project folder in VS Code;
- Install the "Live Server" extension;
- Use the extension to run the game; it will open in your browser.

Used keyboard keys:

- **W**: Raises the balloon in altitude and switches wind layers.
- **S**: Lowers the balloon in altitude and switches wind layers.
- **1**: Switches to the first-person camera.
- **3**: Switches to the third-person camera.
- **Space**: Pauses or resumes the game.

Start Menu:

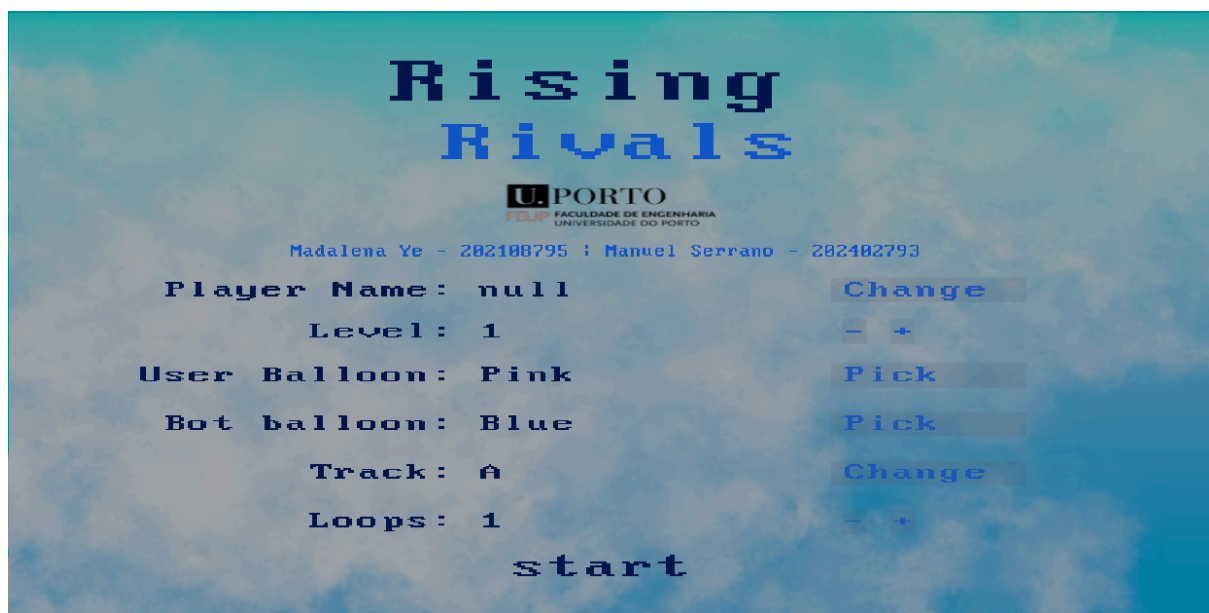


Fig 1: Start Menu

- **Change Name:**
 - Click the "Change" button and enter the name;
 - After entering the player's name, press the "Enter" key to proceed to the menu.
- **Change Level:**
 - The Balloon Bot's difficulty level can be changed in this option, with three levels available;
 - Level 1 is the easiest, and Level 3 is the most difficult;
 - Use the "-" and "+" buttons to modify the difficulty.

- **How to Select a User Balloon:**
 - Click the “Pick” button to access the user’s balloon park;
 - Choose one of the three available balloons;
 - After selecting, you will be redirected to the start menu.
- **How to Select a Bot Balloon:**
 - Follow the same procedure used to select the user’s balloon;
 - Instead of accessing the user’s balloon park, access the bot’s balloon park.
- **Change Starting Point:**
 - The user's starting position can be set to point A or B;
 - Click the “Change” button to modify the starting position.
- **Change Loops:**
 - The number of laps on the track can be adjusted using the “-” and “+” buttons;
 - The minimum number of laps is one.
- **Start the Race:**
 - To start the race, simply click the “Start” button.

End Menu:



Fig 2: End Menu

- **Restart:**
 - A new race will start with the same settings defined in the initial menu.
- **Home:**
 - Return to the initial menu, where new settings can be selected for another race.