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Program and Year: BSCS-3

Remarks:

1. Overview

Game Name: Evac Havoc 2

Version: Student Build 2025-08-18

Platform: Windows (Godot 3.x)

Original Author: Brett Haines (Inglo Games)

Modifications by: Adrian Ebrao

This game is an action, casual, and indie game designed for single-player gameplay. It features a helicopter (YOU) which is tasked with rescue missions, navigating difficult environments to locate and rescue stranded survivors to safety, while also mastering fuel management. It also features helicopter selection and a leaderboard, so beat your best times!

2. System Requirements

Minimum (PC):

OS: Windows 10

CPU: Intel i3 or equivalent

RAM: 2 GB GPU:

Integrated Graphics Storage: 500 MB free space

Recommended:

OS: Windows 11

CPU: Intel i5 or higher

RAM: 4 GB GPU:

Dedicated Graphics (NVIDIA/AMD)

Storage: 1 GB free space

3. Controls

PC:

Move: WASD

Pause/Resume: Esc

4. Gameplay Features

- Rescue loop
 - Fly over survivors to pick them up; remaining count shows in HUD. Land on the helipad with all survivors to complete the level.
- Fuel system
 - Direction-sensitive fuel drain (ground/hover/up/down/side). Low-fuel audible warning and analog needle gauge.
- Failure state
 - Propeller collisions trigger a crash with SFX and return to menu. Running out of fuel causes an uncontrolled descent; after a short delay, return to menu.

4.1 Added Features

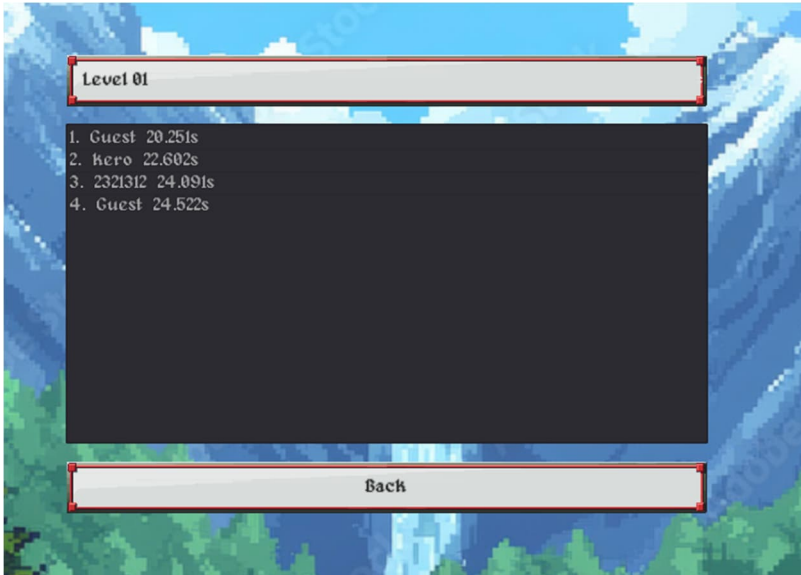
- Helicopter selection:
 - Discover and preview available helicopter scenes under scenes/helicopters plus the base player.
 - Viewport-based live preview with auto-fit scaling.
 - Selection persists to user://helicopter.cfg and is injected into levels.



- Levels:
 - Dynamic Level Select reads scenes/levels and builds the grid automatically.
 - Level intro dialog windows (optional per level) that pause the game until dismissed.



- Timing and Leaderboards:
 - Per-level timer starts/finishes automatically.
 - Local top leaderboard per level (fastest first) stored on disk.



- Accounts and Profiles:
 - Local sign in/up with optional password (salted SHA 256). “Guest” by default.
 - Change password and secured/unsecured account handling.
 - Player name shown on the main menu and saved with leaderboard entries.



5. Troubleshooting

Issue	Solution
Game won't start	Restart your device, ensure your system meets the requirements.
App crashes	Download and rerun the game.