

a game
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Musical Minds

✓ System Requirements

- Platform**
PC & Mobile
- Input Options**
MIDI Keyboard & Virtual Piano
- Target Age**
Designed for Children (Ages 5-10)
- Feedback**
Real-Time Note Recognition & Audio Response
- Progress**
Gamified Tracking System

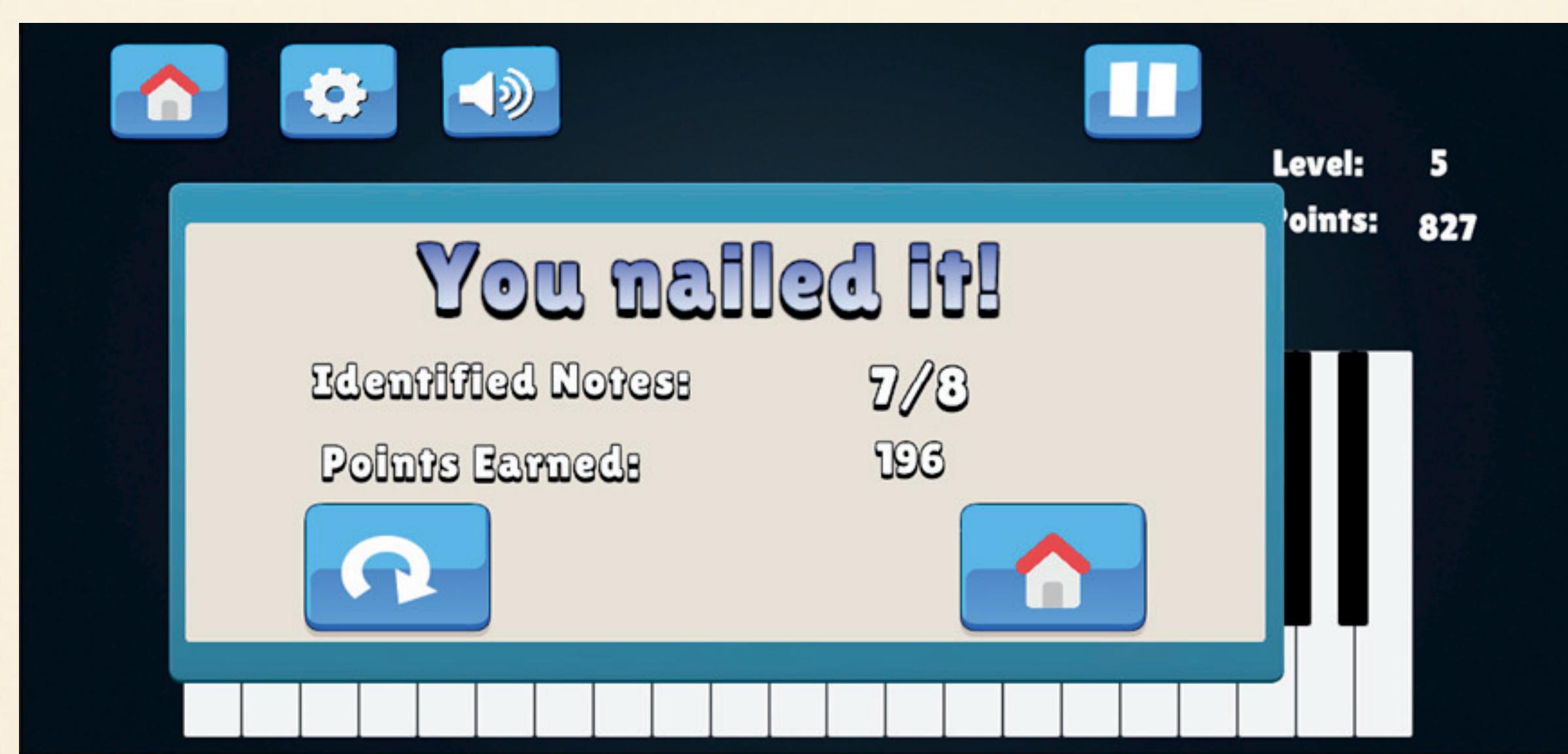
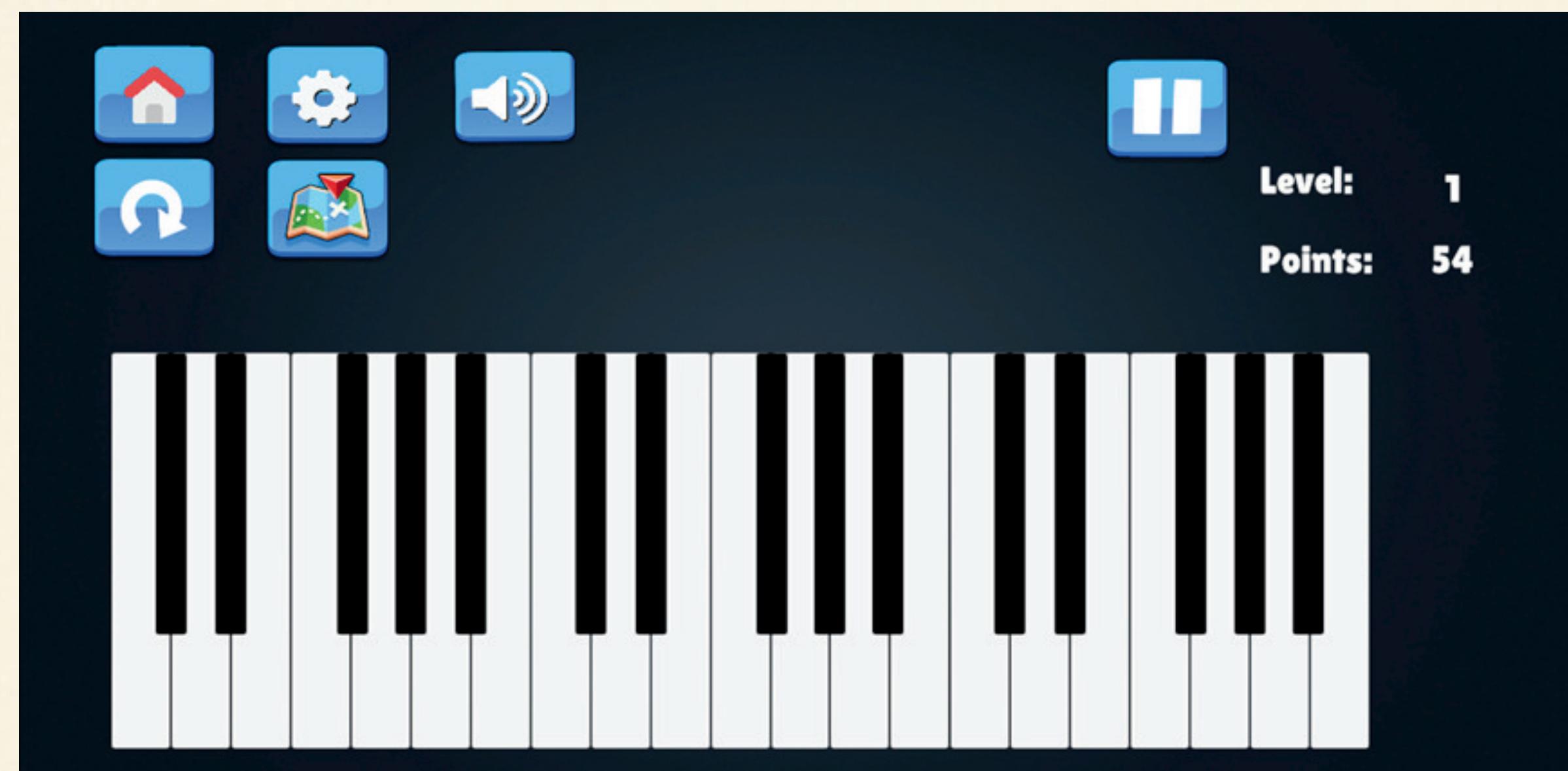
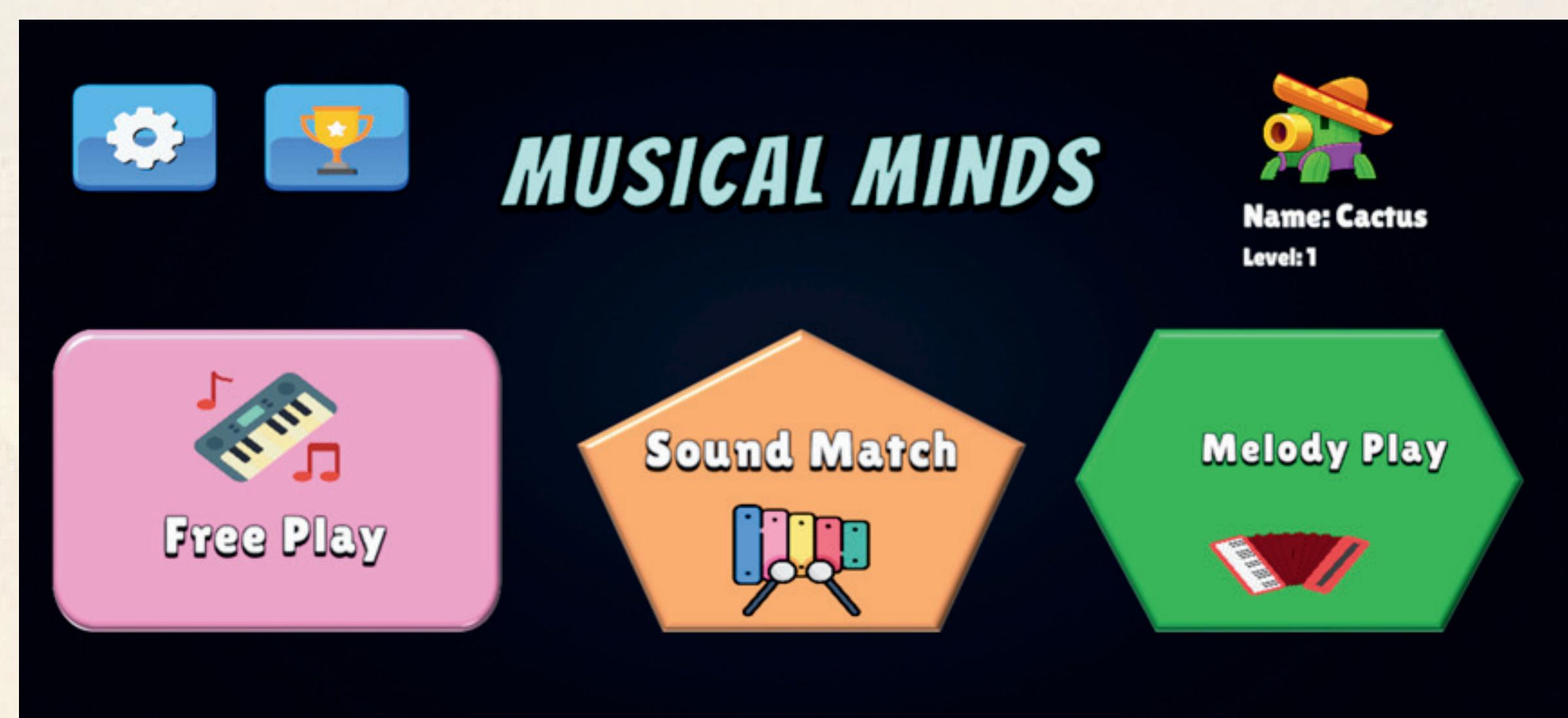
Background

Why We Created Musical Minds

- The Problem**
Traditional music education can be boring or inaccessible for young children.
- The Gap**
Children aged 5-10 often struggle to develop musical hearing without engaging, hands-on methods.
- The Insight**
Studies show that playful learning improves long-term retention and motivation in kids.
- The Solution**
A music-based game that blends real-time note recognition, gamification, and kid-friendly design to develop musical hearing through fun.

What Kids Learn

- Note Recognition**
- Ear Training**
- Hand-Eye Coordination**
- Musical Memory**



How We Built Musical Minds

- Game Engine**
Built in Unity
- MIDI Integration**
Supports physical MIDI keyboards and in-game piano
- Design Tools**
UI/UX developed with Figma & Canva
- Version Control**
Collaborative development managed with GitHub
- Child-Centered Design**
Content crafted by child development experts for PC & Mobile

Gameplay Highlights

- Free Play**
Explore the piano freely
- Sound Match**
Train your ear by repeating notes
- Melody Play**
Play full melodies to advance