

iQuHACK2022

Strategy game with a quantum
advantage

George, Karya, Ishita, Sittana, and Ritu

January 30, 2022

Overview



1. INTRODUCTION

2. LAYOUT OF THE GAME

3. ENTERING THE QUANTUM REGIME

4. DEMO

The background of the slide is composed of two large, overlapping geometric shapes. A teal-colored shape occupies the top-left corner, while a light gray shape occupies the bottom-left corner. The rest of the slide is white. The word "INTRODUCTION" is centered in the white area.

INTRODUCTION

INTRODUCTION

A short introduction to Quantum Emblem Game



QUANTUM EMBLEM: QWAR QUANTUM EMBLEM is a strategy game, inspired by the ICE EMBLEM game.

QUANTUM EMBLEM: QWAR comes with lots of cool features

- ▶ Freedom to entangle players attributes.
- ▶ Options to tweak the code design to include more.
- ▶ Quantum Circuit ideas for future versions.
- ▶ Higher the scores of your attributes, higher chances for you to transport!

The background of the slide is composed of large, overlapping geometric shapes. A teal-colored triangle is in the top-left corner. A light gray triangle is in the bottom-left corner. The remaining area is white. The text is centered in the white area.

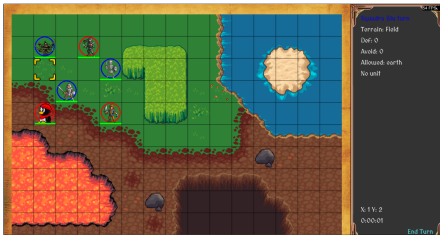
LAYOUT OF THE GAME

LAYOUT OF THE GAME

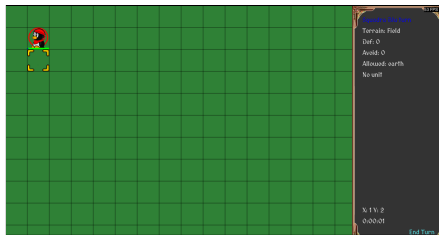
Maps



There are two maps available:



Map: Default



Map: Flat

LAYOUT OF THE GAME

Teams



There are two teams *Squadra Blue* and *Squadra Rossa*.

Squadra Blue team is made up of boss, skeleton, and soldier.

Squadra Rossa team is made up of pirate tux, pirate, and ninja.



ENTERING THE QUANTUM REGIME

ENTERING THE QUANTUM REGIME

Entanglement



Entanglement within a team

Use the Entanglement Button and Transport with the selected warrior!

The background consists of two large, overlapping geometric shapes. A teal-colored shape is in the upper-left corner, and a light gray shape is in the lower-left corner. They meet at a diagonal line that runs from the top-left towards the bottom-right. The rest of the background is white.

DEMO

Quantum Emblem



Get the source code of this game from:

`https://github.com/Borris-the-real-OG/iQuHack_2022`

Let's go!

`demo_game_link_here`



THANK YOU!