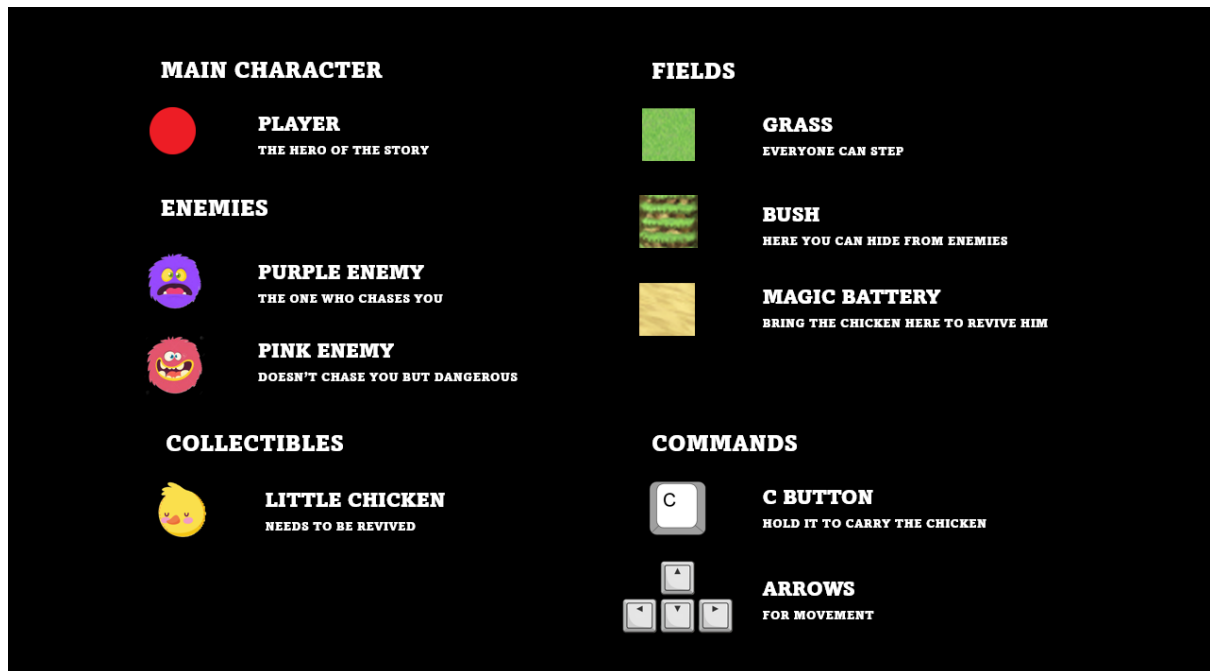


DOCUMENTATION

INSTRUCTIONS



GOAL

Buckle up for a pulse-pounding race against time through a maze! Your mission: gather scattered chickens and deliver them to the central battery, reviving the dormant animals before the clock strikes zero. But beware, relentless foes patrol the corridors!

Use your wits and agility to navigate the twisting pathways, collecting chickens as you go. Each one you deliver to the battery pulsates with power, pushing you closer to victory.

If evading the enemies proves impossible, you can seek temporary solace in bushes. While these safe havens hide you from evil eyes, each stay nibbles away at your energy.

Can you outsmart the enemies, conquer the maze, and become the ultimate chicken hero? The fate of the poor beings rests on your shoulders. Time to prove your worth!

ENEMY MOVEMENT

Your journey through the labyrinth is not a lonely one. Two evil guardians, the Purple Enemy and the Pink Enemy, are hot on your heels, determined to stop your heroic mission to save the chickens.

Purple Enemy: Fast and ruthless, the Purple Enemy uses powerful A* algorithm to quickly close in on you. Like a cunning hunter, it predicts your movements and takes shortcuts to catch you.

Hiding from it is only temporary: it will tirelessly chase you until you outwit it or take refuge in a bush.

Pink Enemy: Somewhat confused but still dangerous, the Pink Enemy suffers from indecisiveness. Its strategy? Hesitant hopping from foot to foot, deciding on a new target location at every moment. It is difficult to predict its next move, so avoiding its wanderings is like a game of cat and mouse. Still, it can catch you, so a bush will be your only refuge.

MAZE

The labyrinth itself is no static playground. With each new game, a fresh maze unfolds, woven from the threads of cunning algorithms. Using Recursive Division and a specialized variant of the A* algorithm, optimized for speed, meticulously ensures every corner of this intricate map is reachable.

HEALTH SYSTEM

Bushes provide temporary safety from enemies. They cannot enter or find you while you are inside. However, entering a bush has a dark side: each entry takes away your health. Choose wisely: will you face the enemy in direct combat or take shelter in a bush, paying the price of your health?

GAME IMPLEMENTATION

Through the strategic use of design patterns and algorithms - memory efficiency, lightning-fast performance, and a modular structure for future expansion are prioritized. From memory-saving Singletons and Strategy to optimized A* navigation and Recursive Division, every line of code is polished to deliver a seamless experience. This commitment to technical elegance ensures that your adventures will not only be thrilling, but also built to last.

LOOKING TO THE HORIZON: FUTURE EXPANSIONS

This iteration of the game represents the foundation for exciting future development. Brave explorers would await more labyrinthine levels with progressively increasing complexity. Difficulty could be increased through more diverse and capable enemies, perhaps even armed with projectiles. Static defensive points such as cannons could add a strategic element of avoidance. For dynamism, creatures that yield greater rewards could appear and disappear at certain time intervals, seeking brave hunters. And to seal the excitement, special items like speed boosts could offer strategic options and elevate the adrenaline to even greater heights.

The goal for the game is to constantly evolve, surprising and delighting its explorers with new gameplay and mechanical innovations.