

# APUCALIPSE

A pixel art illustration of a post-apocalyptic landscape. In the foreground, a character with brown hair, wearing a white shirt, dark vest, and dark pants, stands holding a large black handgun. To the left, a large, dark, pixelated dinosaur-like creature is visible. In the background, there are dark, jagged silhouettes of buildings or structures against a bright orange and yellow sky. A black cat is perched on a ledge on the right side of the image. The overall style is reminiscent of 8-bit or 16-bit video game graphics.

PRESS START TO PLAY

# MEMBROS

EDUARDO



LUIGI



CAIO



THIAGO



HENRIQUE



TIAGO



RODRIGO



THOMAS

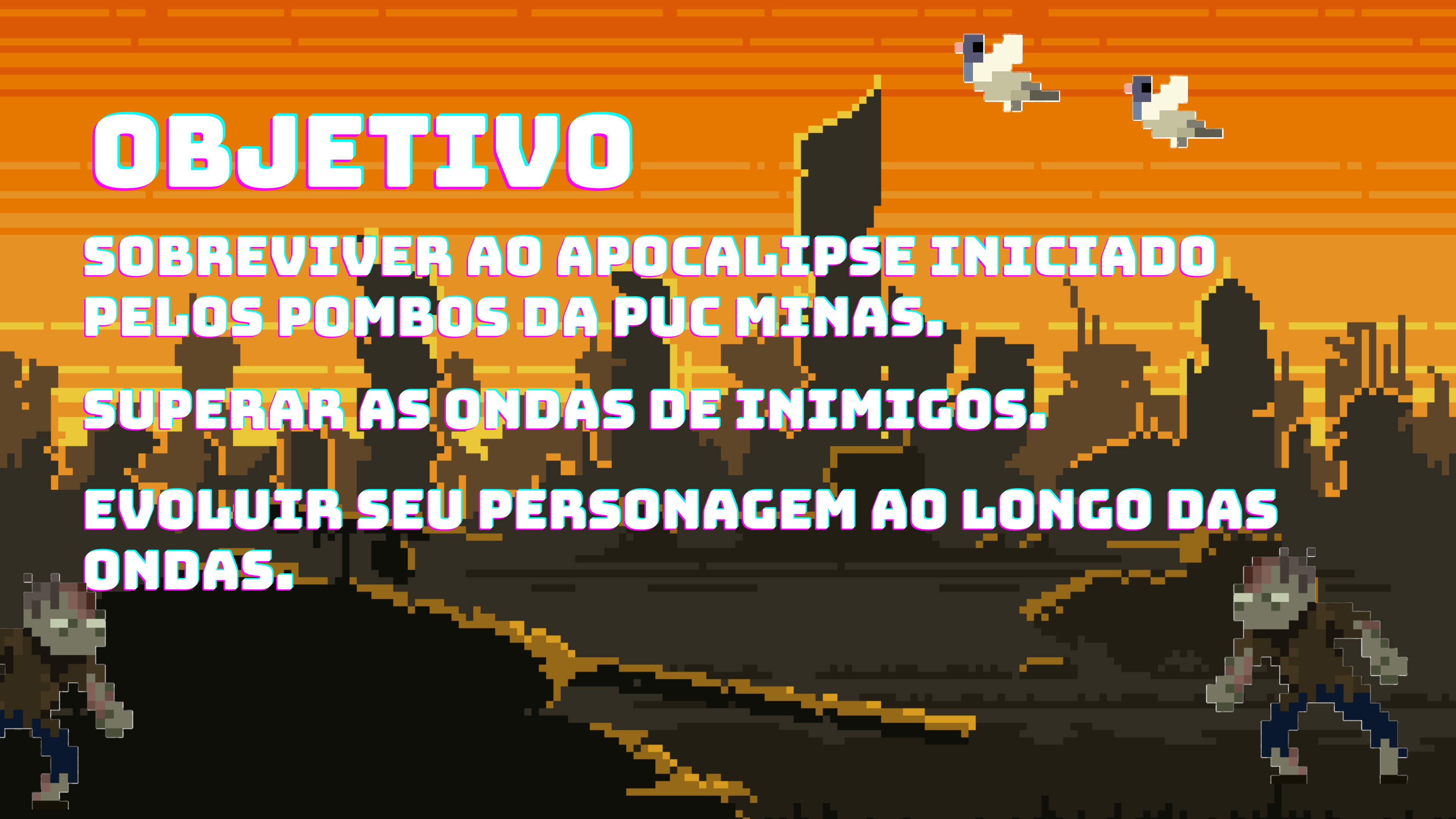


# OBJETIVO

**SOBREVIVER AO APOCALIPSE INICIADO  
PELOS POMBOS DA PUC MINAS.**

**SUPERAR AS ONDAS DE INIMIGOS.**

**EVOLUIR SEU PERSONAGEM AO LONGO DAS  
ONDAS.**



# COMO JOGAR

SOBREVIVER



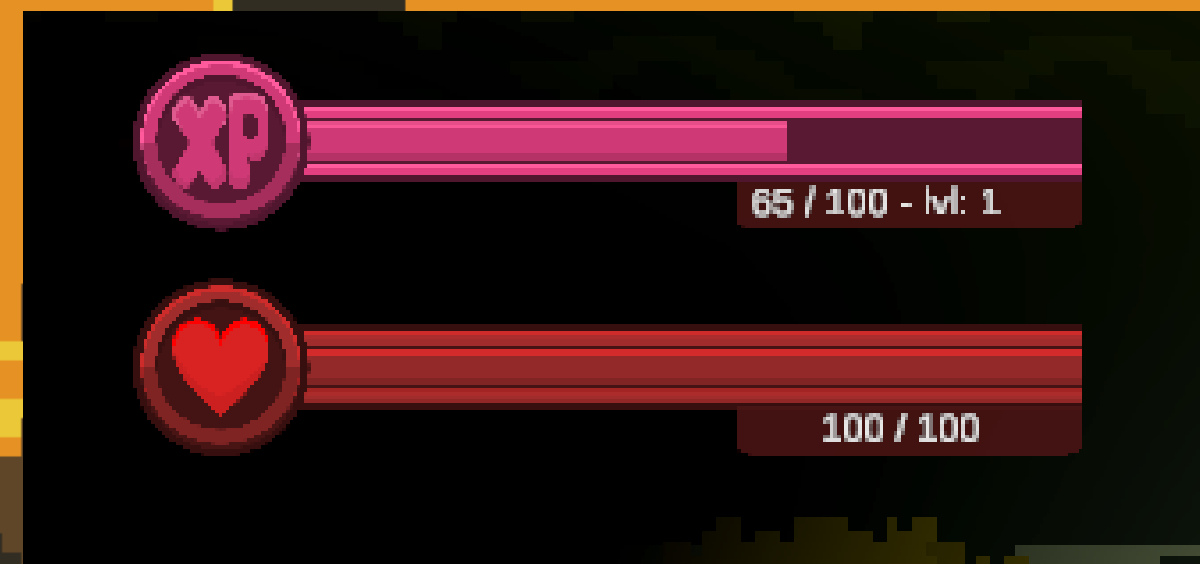
MOVIMENTAR



ATIRAR

# COMO JOGAR

## HABILIDADES



Dano



Vida



Velocidade



Cura



Boost Xp



# CENÁRIO



# CENÁRIO





# COLISÃO E FÍSICA



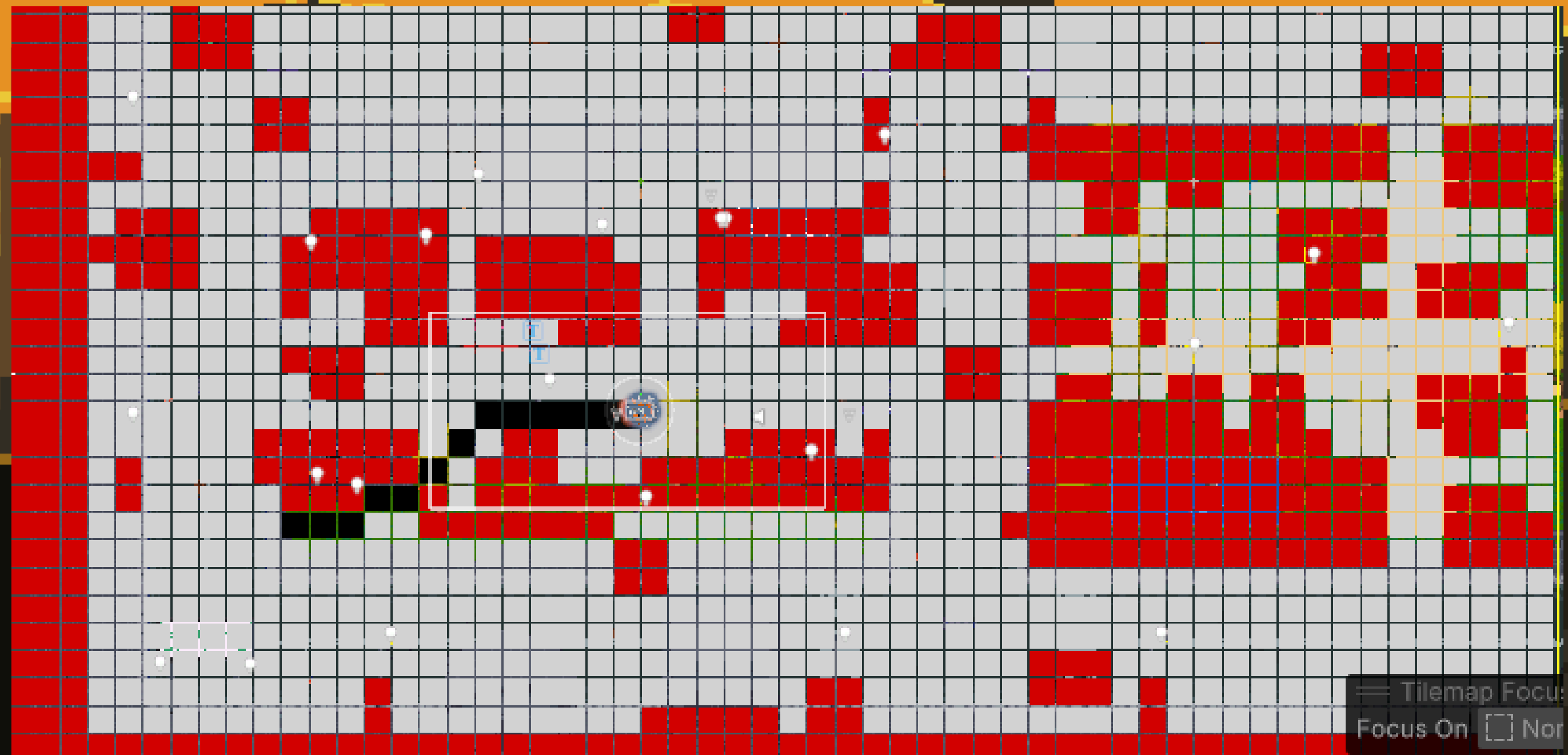


# COLISÃO E FÍSICA



# ALGORITMO DE GRAFOS

## A\*



# ALGORITMO DE IA

## BUSCA GULOSA

- MASCOTE SEGUIR O JOGADOR

## MÁQUINA DE ESTADOS

### GERENCIAMENTO DOS DIFERENTES COMPORTAMENTOS DO MASCOTE:

- SEGUIR O JOGADOR
- CURAR O JOGADOR QUANDO A VIDA ESTIVER BAIXA
- ATACAR O INIMIGO MAIS PRÓXIMO





# DIVISÃO

## MECÂNICA DO JOGO:

- LUIGI, THIAGO REZENDE, CAIO

## ALGORITMO DE GRAFOS:

- TIAGO LASCASAS, HENRIQUE, THOMAS

## CENÁRIO:

- LUIGI, THIAGO REZENDE

## SPRITES:

- LUIGI, RODRIGO

## IMPLEMENTAÇÃO DA IA:

- CAIO, RODRIGO, EDUARDO

The background is a pixel art illustration. It features a sunset or sunrise scene with a bright orange and yellow sky. In the center, there is a dark silhouette of a person standing with their back to the viewer, looking out over a dark, silhouetted landscape. Scattered throughout the scene are several small, pixel art characters. Some are dark, cat-like creatures with yellow eyes, and others are small, white, bird-like creatures with blue and pink accents. The overall style is reminiscent of early 2D video games.

**OBRIGADO!!!!**