

APRIL-MAY 2024

ATENEO DE  
MANILA  
UNIVERSITY

# PROP HUNT



CSCI 22  
FINAL  
PROJECT

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IN FULFILLMENT OF THE ACADEMIC  
REQUIREMENTS FOR CSCI 22

# CONCEPT

2D Prop Hunt is a top-down multiplayer hide-and-seek game where a hider becomes props and a seeker hunts them down in a vibrant 2D environment



# STORY

AN ALIEN HAS INVADED AN ARMED MAN'S HOME!

AFTER A FAILED ATTEMPT AT PEEKING THROUGH  
THE SHOWER CURTAINS, THE ALIEN  
HAS RESORTED TO DISGUIISING ITSELF  
AS A FURNITURE TO EVADE THE MAN'S WRATH!

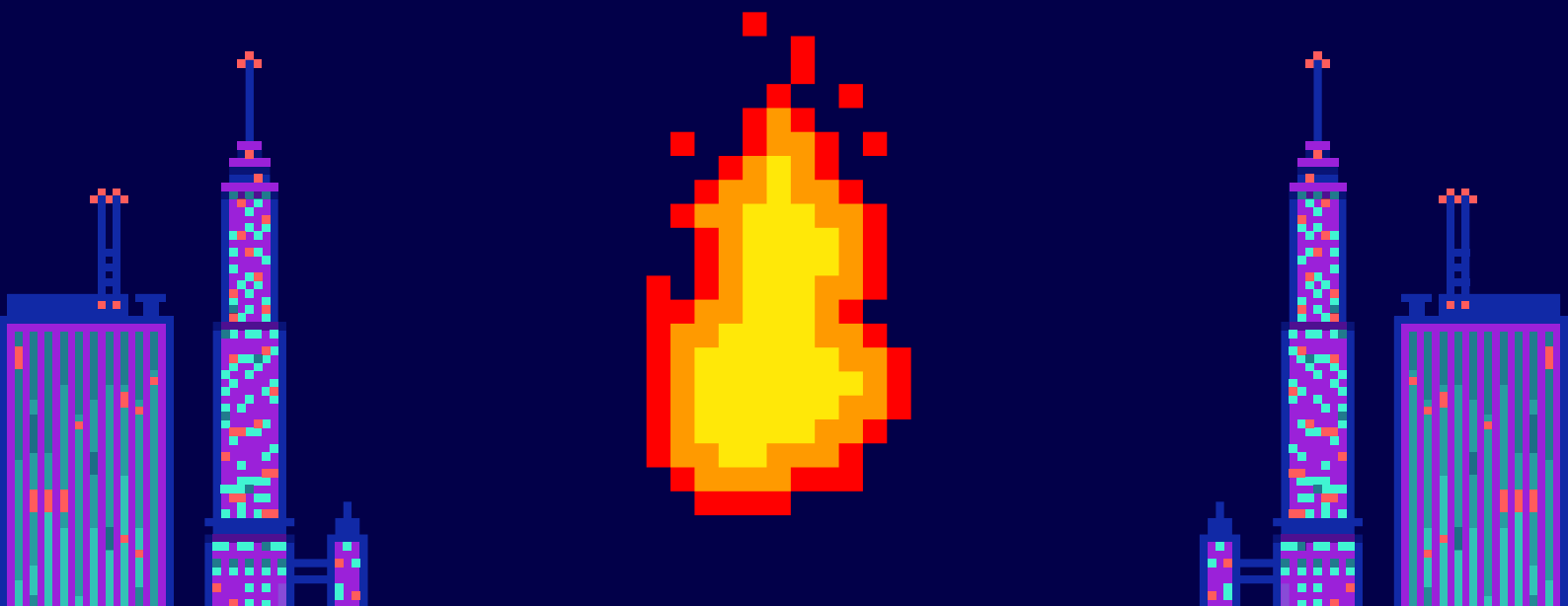
NOW, WILL THE ALIEN SURVIVE OR WILL  
IT FALL PREY TO THE MAN'S  
INDOMITABLE SPIRIT

WILL IT INHERIT THE STARS OR WILL IT FALL TO  
A BARREL OF A GUN?

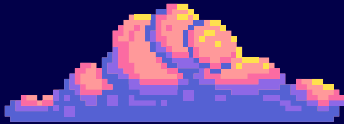
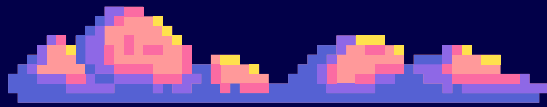


# HOW TO PLAY

1. Start the Server by typing "java GameServer" in the commandline
2. Start the first player by typing "java GameStarter", enter the network address and port in the dialog boxes
3. Do the same for the second player
4. Enter the Network address and Port in the dialog box.
5. Roles Assigned: The game randomly assigns players the roles of Seeker or Hider, each having their own special ability (see Controls).
6. Seeker's Hunt: The Seeker starts with a gun and enhanced movement speed. Use the map layout and tracker strategically to hunt down hiders (See Core Mechanics).
7. Hider's Deception: Hiders can transform into props scattered around the map. Blend in with the environment, and use your vision advantage to stay hidden from the Seeker's cone of vision (See Core Mechanics).



# CORE MECHANICS



**Roles:** Players are randomly assigned roles as either a Seeker or a Hider.

HIDER: CAN  
TRANSFORM INTO  
A RANDOM PROP,  
PLACE FAKE  
PROPS, AND SEE  
THE SEEKER'S  
VISION RANGE.



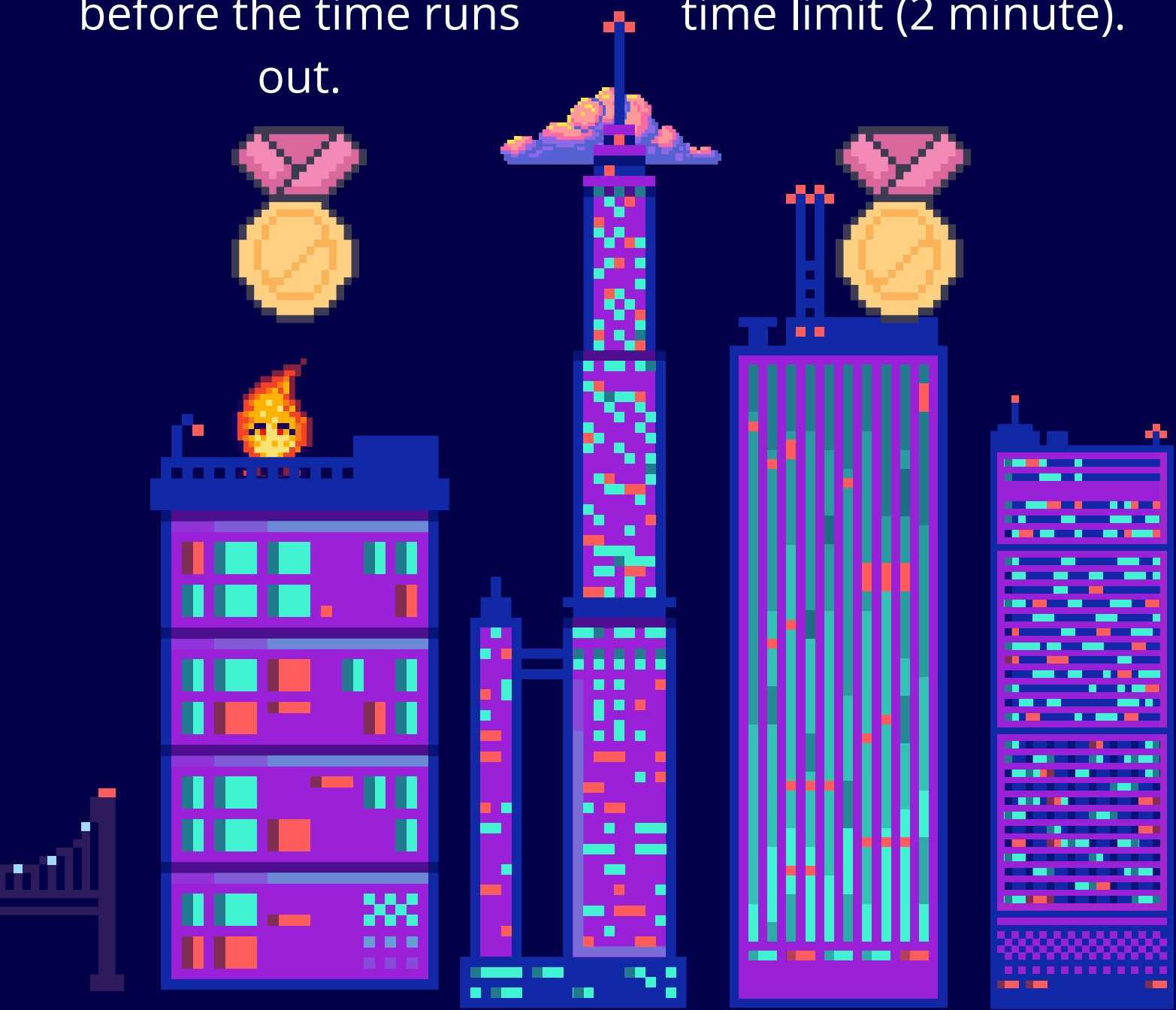
SEEKER: ENHANCED  
MOVEMENT SPEED  
AND EQUIPPED  
WITH A GUN WITH  
TRACKING  
CAPABILITIES.



# WIN CONDITION

**Seeker Win Conditon:**  
Find and shoot the hider  
before the time runs  
out.

**Hider Win Condition:**  
Survive the designated  
time limit (2 minute).



# GAMEPLAY

## MECHANICS

**At the start**, the hider is given 10 seconds grace period to hide. After 10 seconds, the seeker is then released and can now hunt for 120 seconds.

The hider can only place fake props after the grace period.

**When there are only 30 seconds left**, and the seeker has not yet found the hider, they can activate their tracker to point to the hider's general direction.

Continuous usage will shorten the tracker until it becomes **unusable**

The tracker becomes **transparent** the closer it gets to the hider.

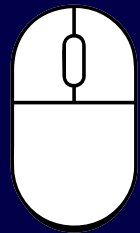
# CONTROLS

W = MOVE UP

A = MOVE RIGHT

S = MOVE LEFT

D = MOVE DOWN



USE THE  
MOUSE TO  
AIM!

*Seeker*

F

CHANGE PROP

*Hider*

TRACE ABILITY

*Seeker*

T

PLACE PROP

*Hider*

