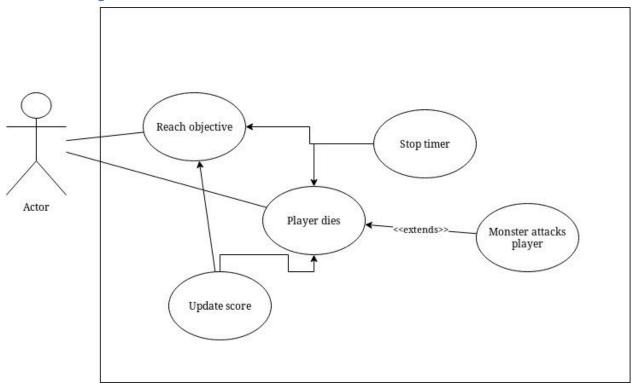
1. Brief introduction __/3

The game will require objectives, scoring, and timing for the game to be meaningful. I will be implementing these features in the game.

2. Use case diagram with scenario __14

Use Case Diagrams



Scenarios

Name: Reach objective

Summary: The player escapes the level, thus meeting the objective

Actors: Player

Preconditions: Level loaded, timer starts

Basic sequence:

Step 1: Player makes his way through the maze

Step 2: Player reaches threshold

Step 3: Timer stops

Step 4: Score recorded

Exceptions:

Step 1: Monster kills player

Step 2: Timer stops

Step 3: Game over screen appears

Post conditions: Success screen appears

Priority: 2*
ID: C01

3. Data Flow diagram(s) from Level 0 to process description for your feature _____14

Data Flow Diagrams

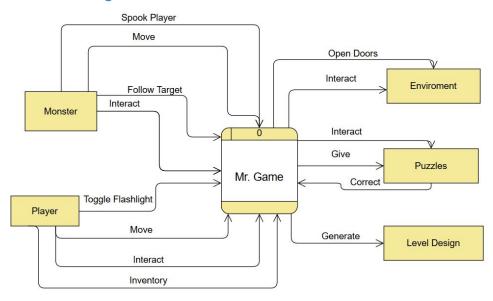
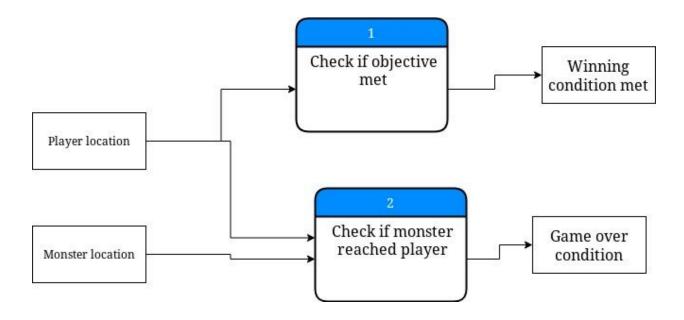


Diagram 0



^{*}The priorities are 1 = must have, 2 = essential, 3 = nice to have.

Process Descriptions

Check if objective met:

WHILE Player location != objective location

// Gameplay

END WHILE

// Winning condition

Check if monster reached player:

IF Player location == enemy locatoin THEN

// Losing condition

END IF

4. Acceptance Tests _____9

Winning and losing conditions, and any intermediary objectives are to be tested.

The timer must stop when the winning condition threshold is crossed.

When the enemy reaches the player, the timer must reset and the game should notify that the player has lost.

5. Timeline _____/10

Work items

Task	Duration (hours)	
Understand explicit objective details	2	
Code objectives	8	
Code timer	2	
Test	2	

Gantt timeline

