

# Unity MMAT Game

Adham Hisham 1000480  
Mamdouh Mahfouz 10001816  
Mostafa Omar 10001994  
Mohamed Tarek 10002243

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## Introduction:

Augmented Reality (AR) is an innovative technology that overlays digital content onto the real world, enhancing users' perceptions and interactions with their surroundings. By using devices like smartphones or AR glasses, users can experience a blend of virtual elements and real environments, offering immersive and interactive experiences. This technology has significant applications in various fields, including gaming, education, and healthcare, among others.

## Description:

*This AR game utilizes Unity to create a thrilling treasure hunt that spans the globe, combining visual clues, sound effects, and interactive elements within a virtual map. Players interact with eight specific images through their camera, activating buttons that unlock hints, play sounds, and reveal clues essential for progression. These elements guide the players through various challenges and puzzles scattered across diverse locations on the map. Each interaction not only brings players closer to uncovering one of the three hidden treasures but also deepens their engagement with the immersive world crafted by the game. The quest culminates successfully when all treasures are discovered, each linked to distinct landmarks and rich, interactive experiences.*

## Conclusion From Questionnaire Responses:

### 1. Strengths:

- The AR implementation was seamless.
- The game was very engaging and fun.

### 2. Areas for Improvement:

- Some hints were too difficult.
- The game could benefit from more variety in the challenges.

### 3. Link of the google form:

- <https://forms.gle/qz2RPAnCFAkfBJtz7>.

# Questionnaire Responses

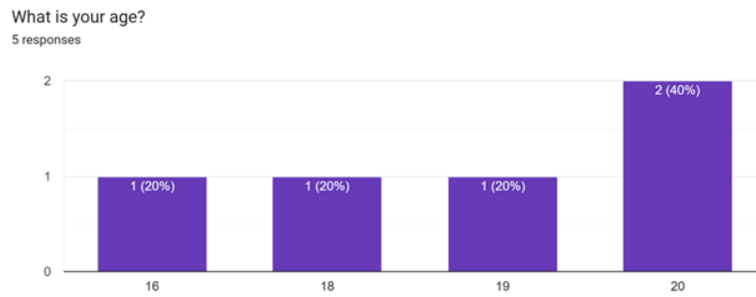


Figure 1: Caption for Histogram 1

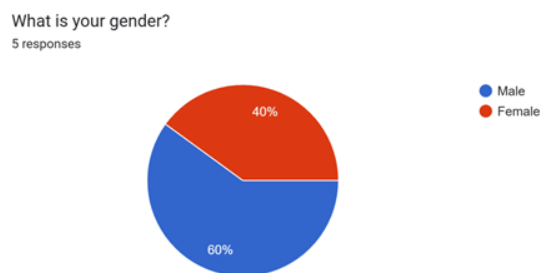


Figure 2: Caption for Chart 2

Did you play traditional Treasure-Hunt before?  
5 responses

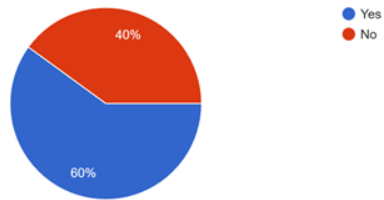


Figure 3: Caption for Chart 3

Did you use any AR tools before?  
5 responses

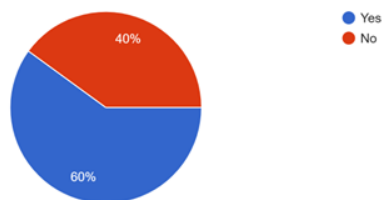


Figure 4: Caption for Chart 4

On a scale from 1 to 5 (worst to best), how easy did you find the navigation using your device camera?  
5 responses

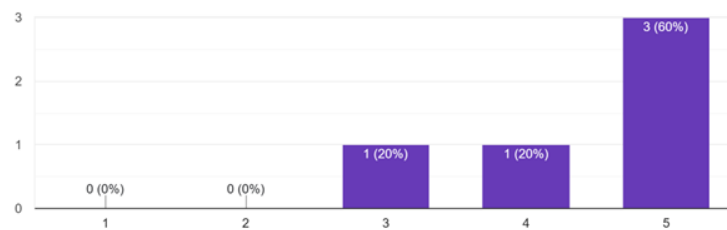


Figure 5: Caption for Histogram 5

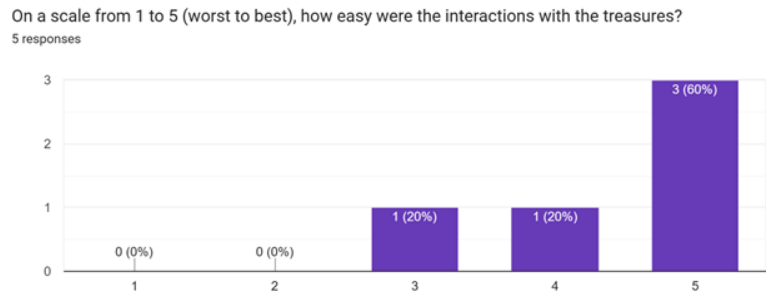


Figure 6: Caption for Histogram 6

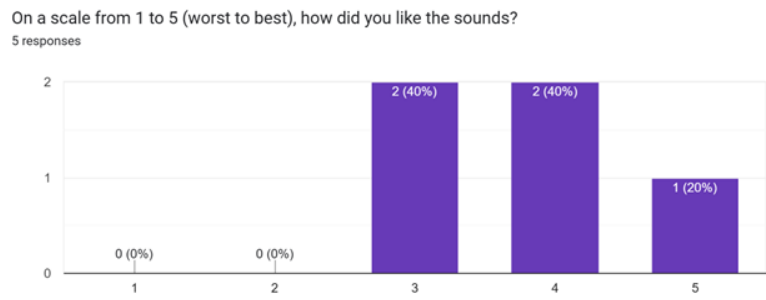


Figure 7: Caption for Histogram 7

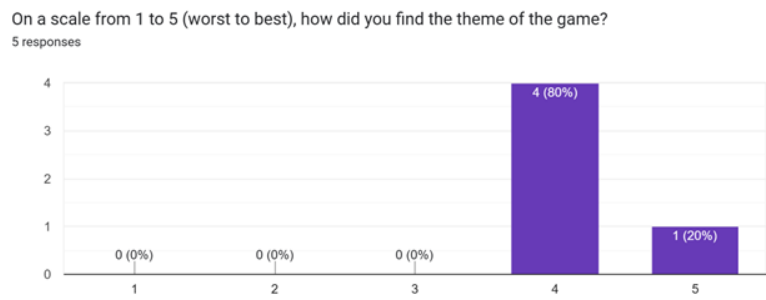


Figure 8: Caption for Histogram 8

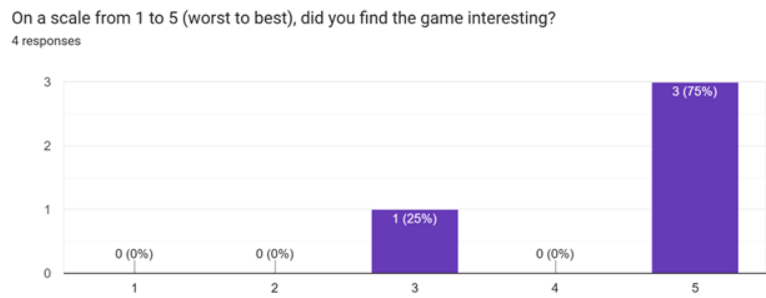


Figure 9: Caption for Histogram 9

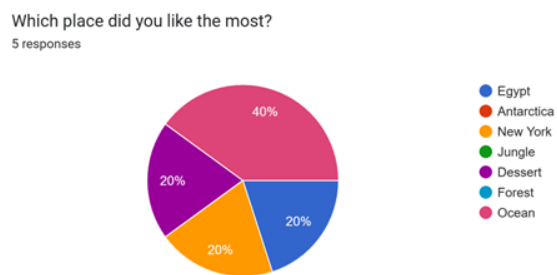


Figure 10: Caption for Chart 10