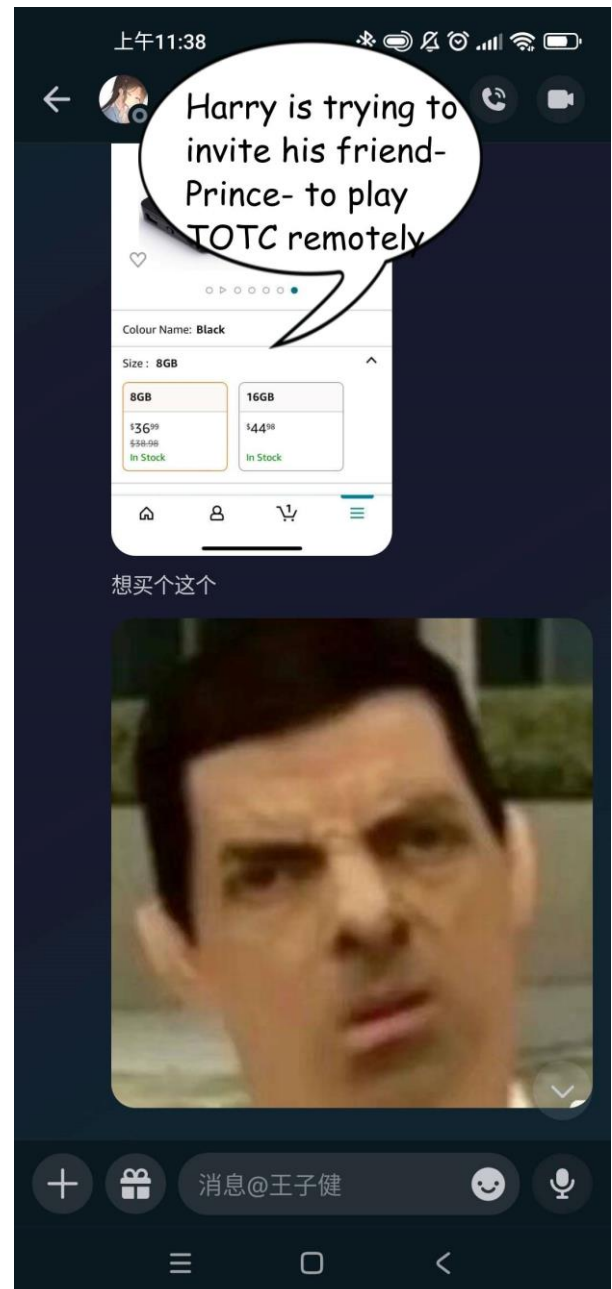

PROPOSAL OF A *DIGITAL COMPANION APP FOR "TOP OF THE CLASS"*
HAOTAI XIONG – C00265675

Summary

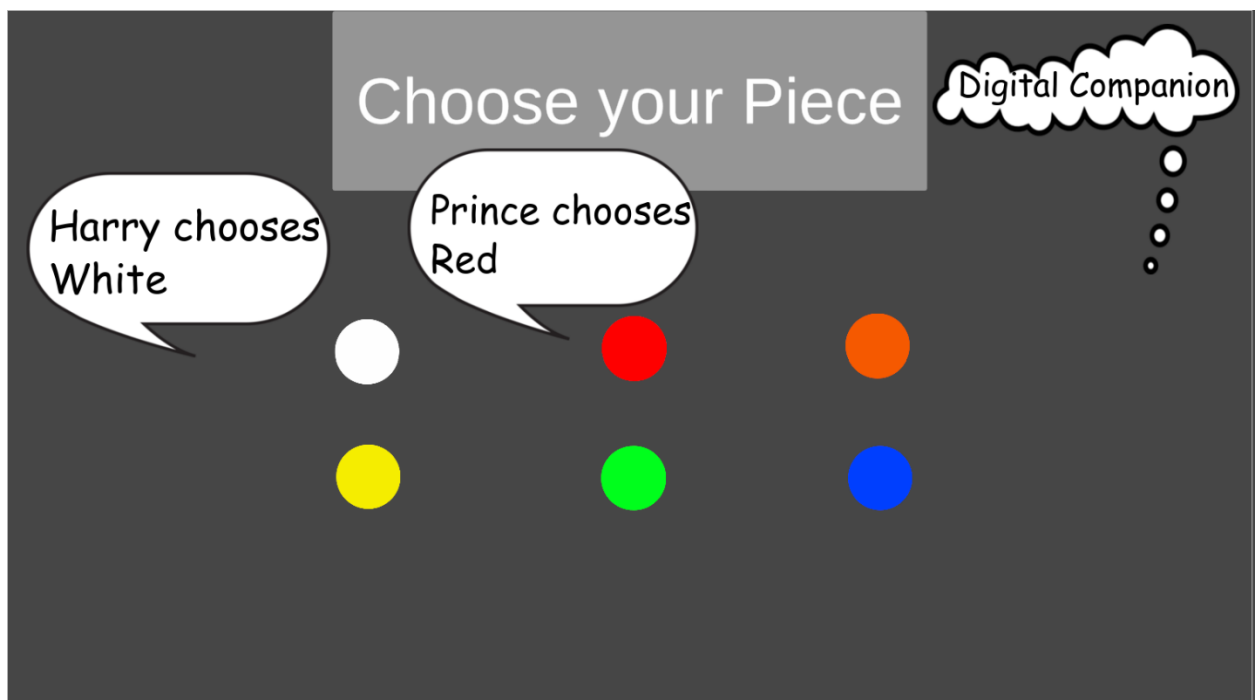
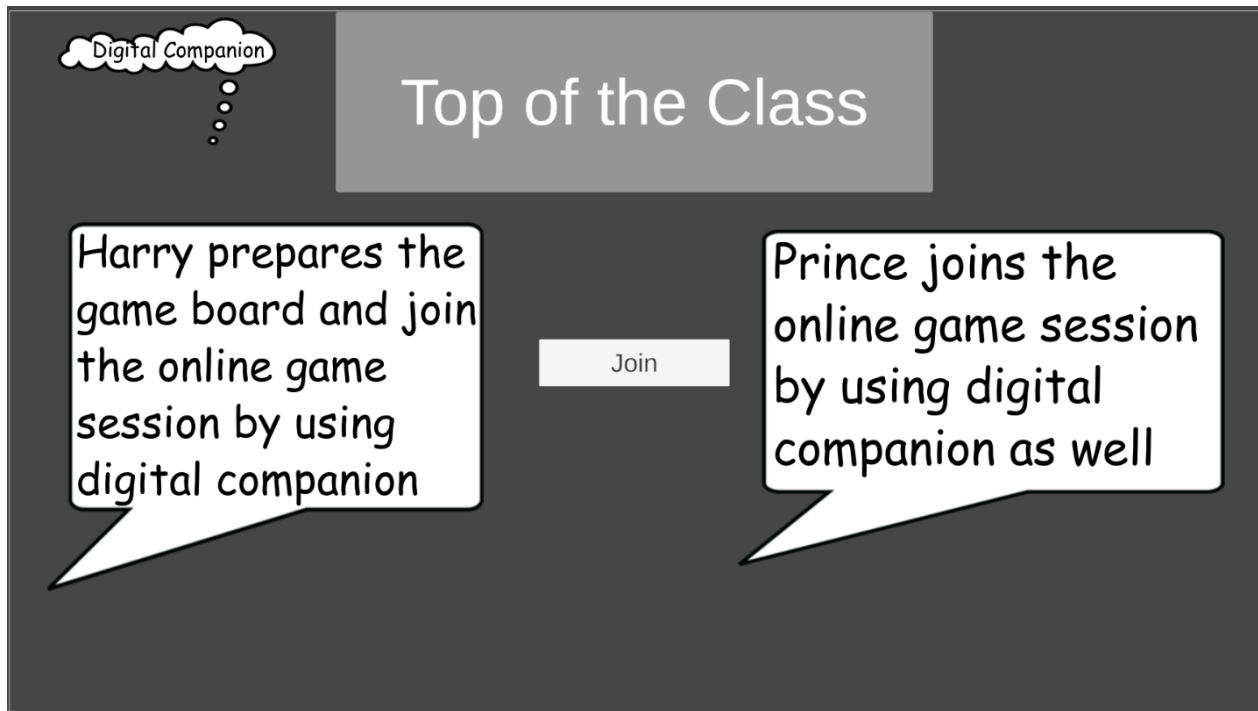
The element of the board game I am working with is a digital companion app for the "Top of the Class" board game. The app aims to enhance the game's accessibility and engagement by integrating remote play capabilities and adding new modern question cards, offering an innovative blend of traditional and modern questions, and providing a user-friendly interface suitable for a diverse player base. The primary goal is to modernize the board game experience, making it accessible and enjoyable for both local and remote players.

Story Board

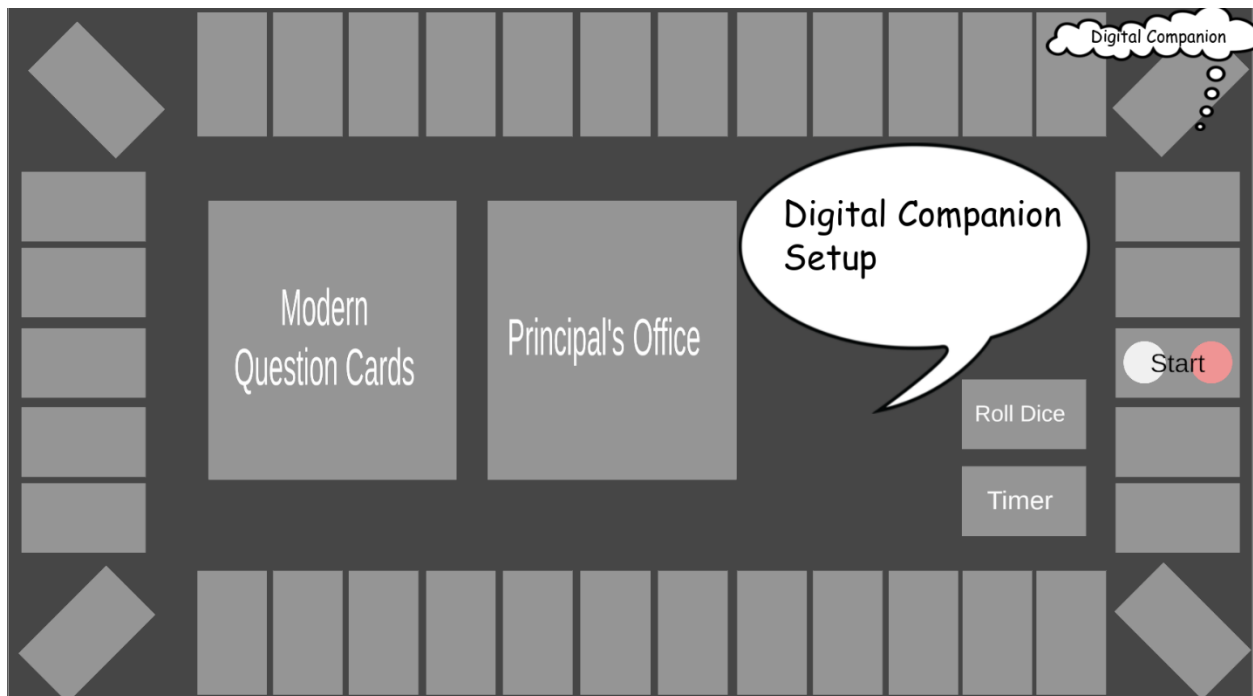


Game Setup

- Harry (local player with real game board) needs to prepare the game board and join the digital companion.
- Prince (remote player) only needs to join digital companion

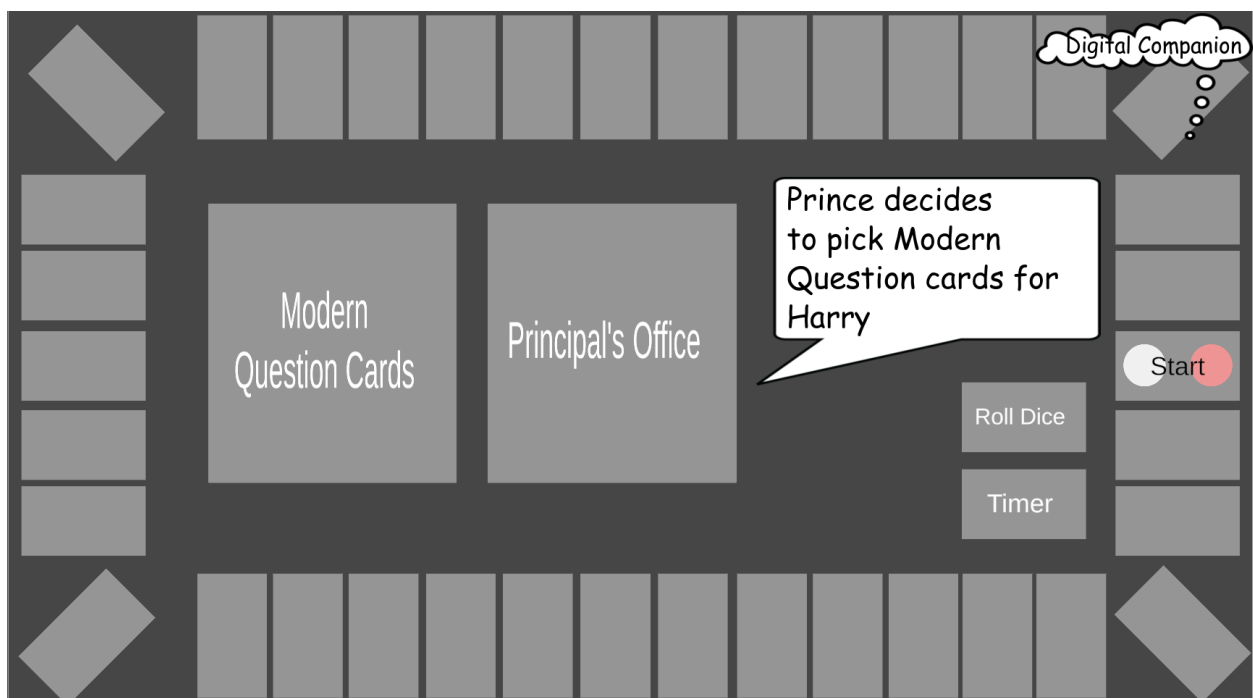
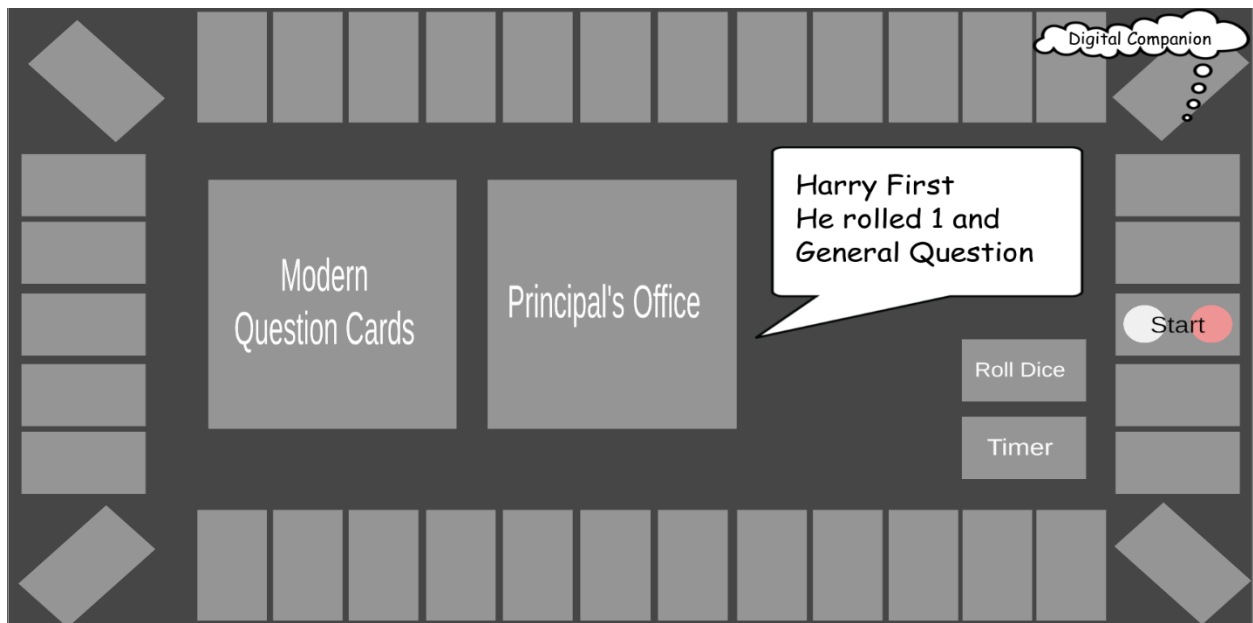


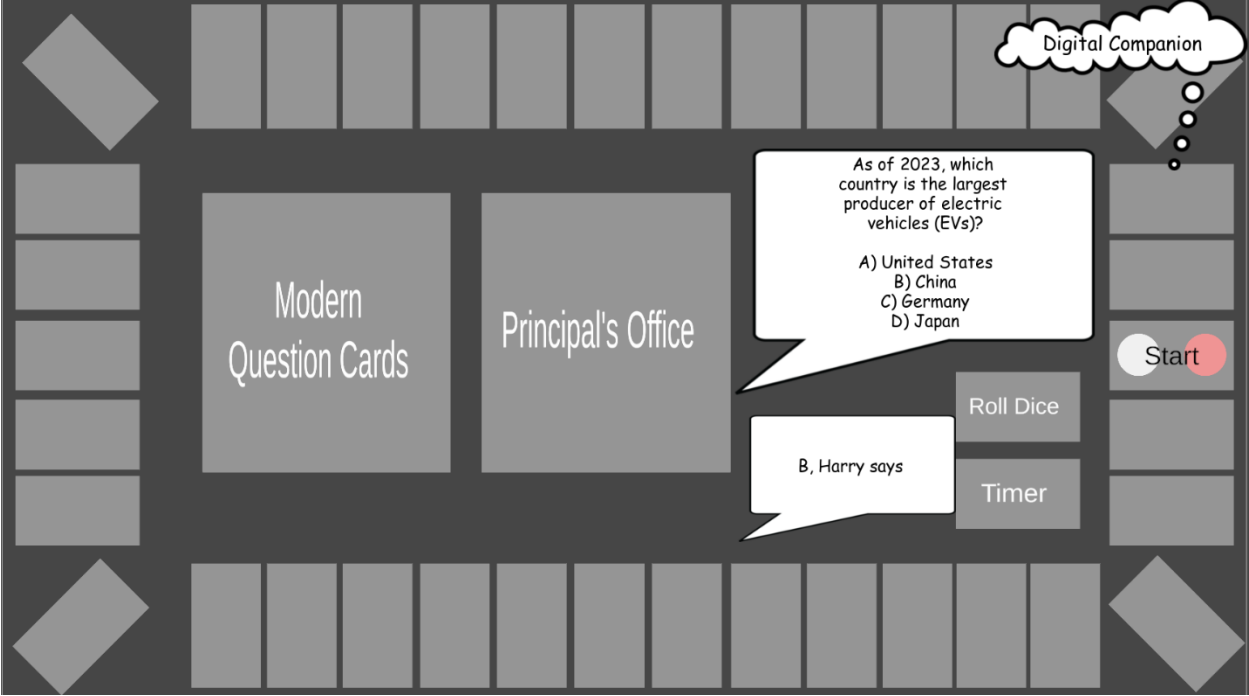
- Harry (local player) only needs to set the board up for local players only, for now, there is only Harry



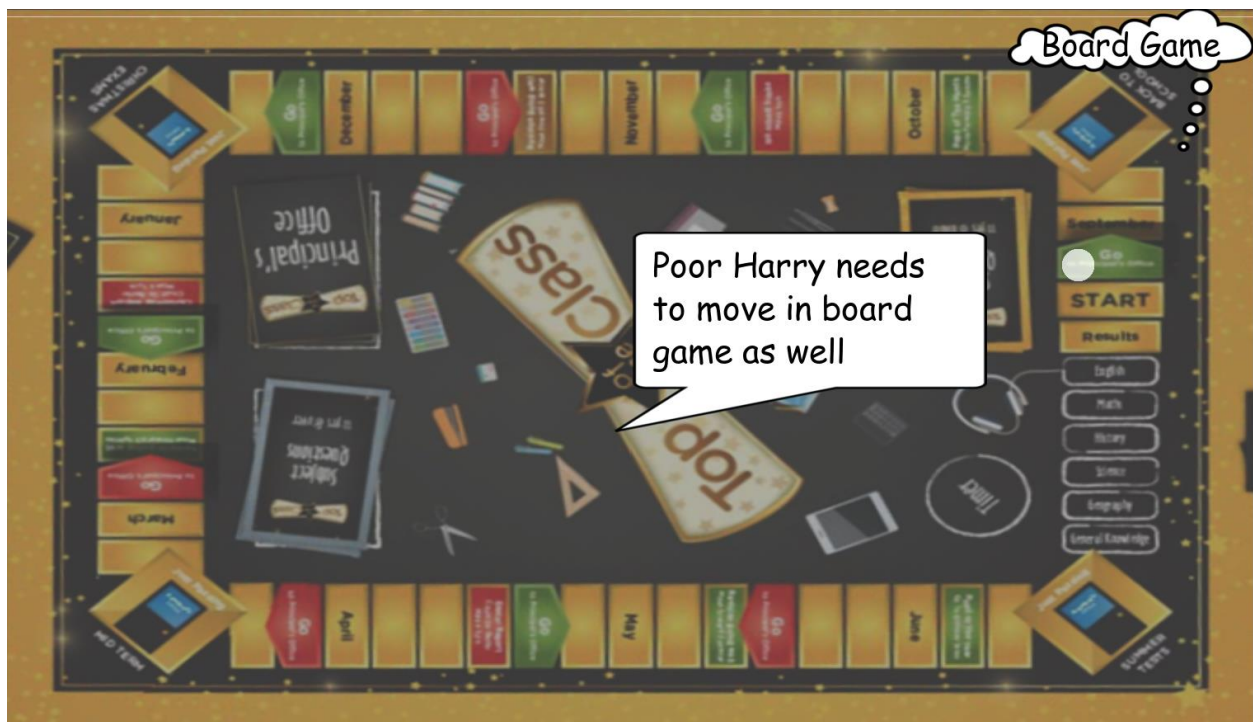
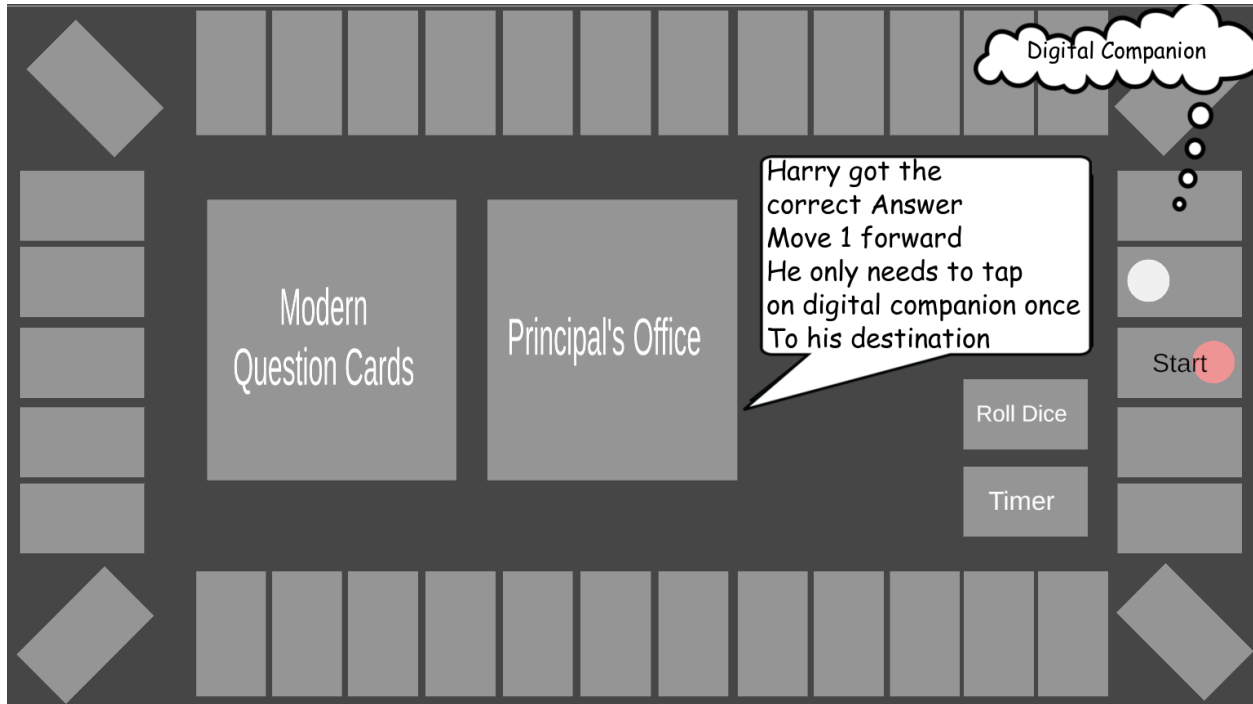
Harry's Turn (Local Player)

- Harry (local player) can choose to roll the dice in digital companion or in real world#
- Another player (who will pick the question for Harry) can choose either modern question in digital companion or question cards in real game board



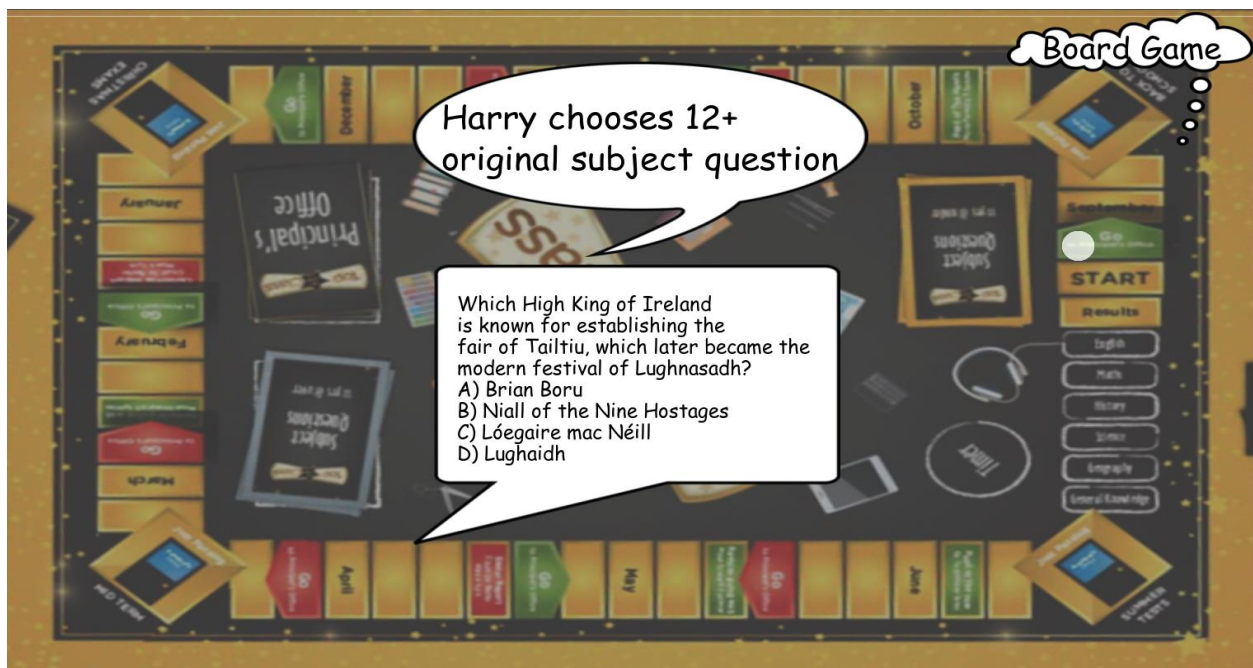
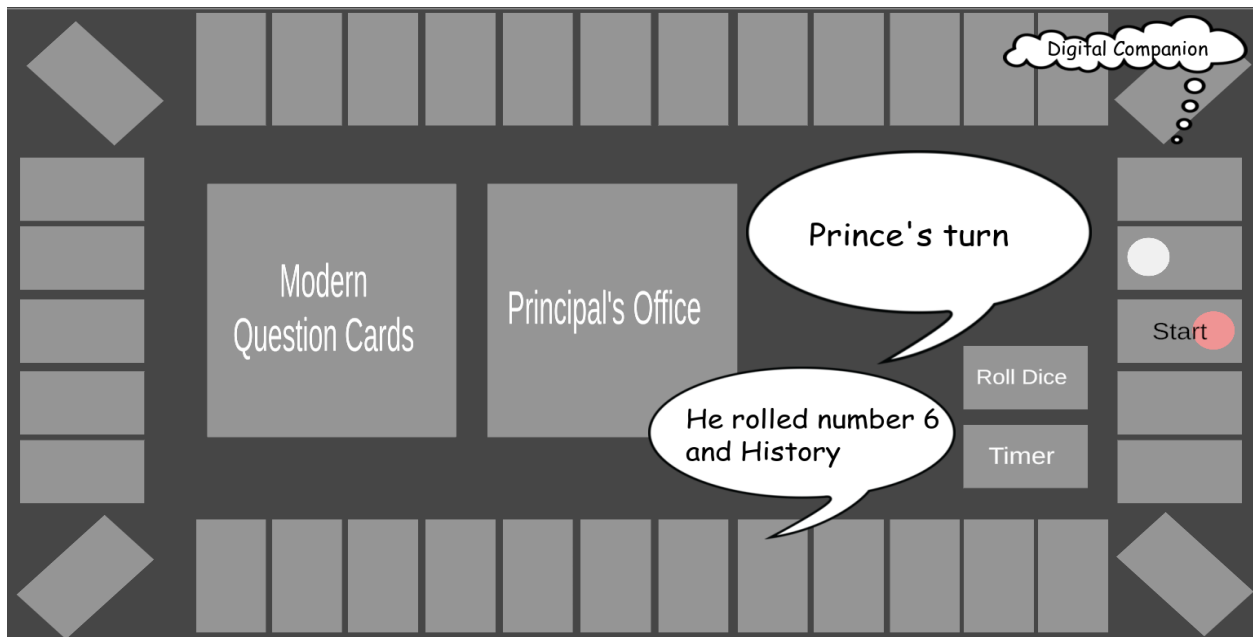


- Harry (local player) gets the right answer, as a local player, he needs to move in digital companion with only one single tap on the board, but he also needs to move his piece on real game board as well.

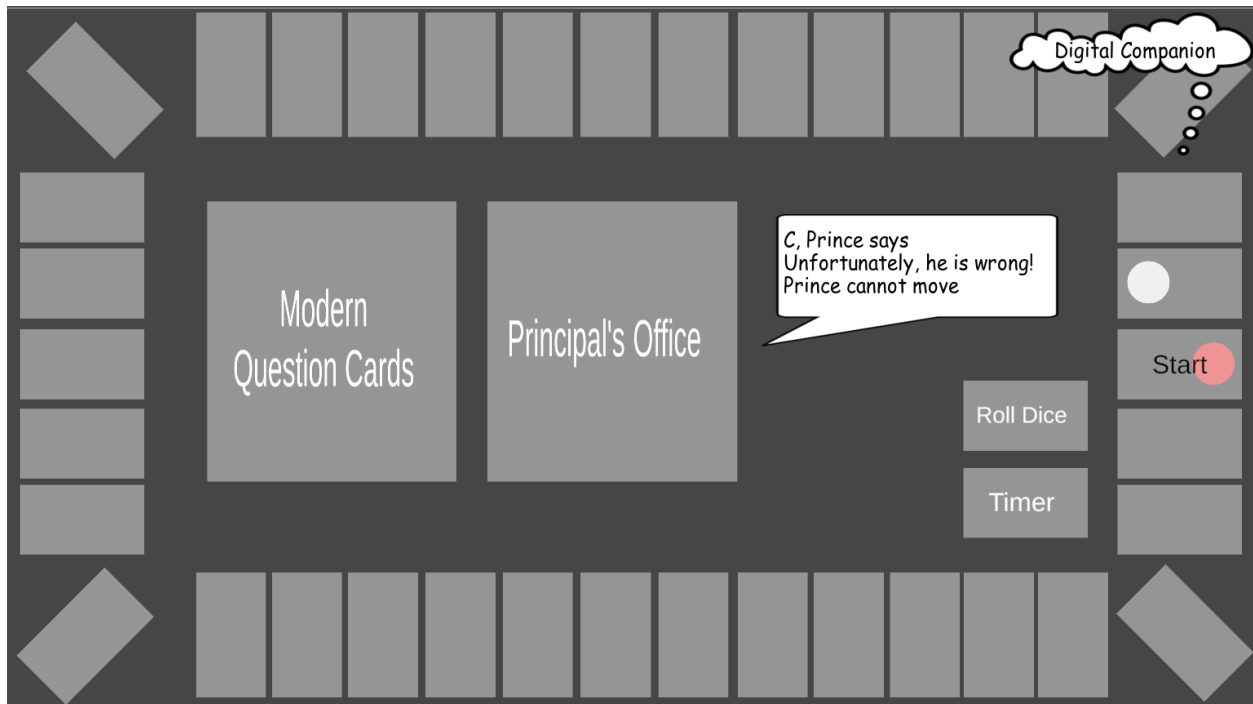


Prince's Turn (Remote Player)

- Prince (remote player) needs to roll the dices in digital companion only
- Another player (who is going to pick question for Prince) can choose modern question cards or original question cards in real game board



- Prince (remote player) gets the wrong answer, he can do nothing as the same as real board game rules.



Project Overview

Objectives

1. Develop a digital companion app that enables remote playing, allowing for various configurations of local and remote players.
2. Introduce modern question cards alongside the original question cards to diverse interests and knowledge areas.
3. Create an engaging and accessible gaming experience that appeals to both existing fans and new players.

Target Audience

- Existing "Top of the Class" players seeking digital experience.
- New players, especially those familiar with digital gaming platforms.
- Educational institutions and families looking for interactive learning tools.

Features and Specifications

1. Gameplay Mode:

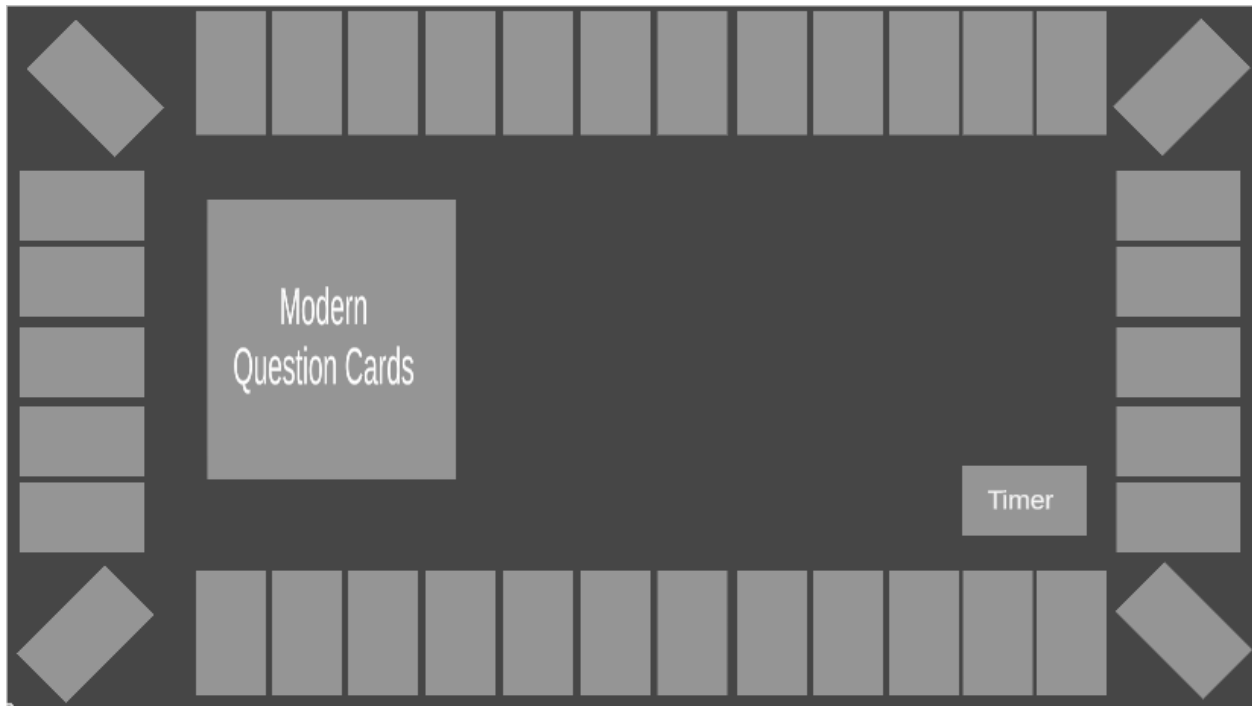
- Remote Play: Up to 5 players can join remotely, with at least 1 player being local.
- Local Play: local players will be asked to open digital companion when someone is playing remotely. Local players will move not only in the board game but also in the digital companion.

2. Question Cards:

- Modern Question Cards: A newly developed set featuring contemporary and trending topics.

3. User Interface:

- Same looking like the original game board.



4. Communication Tools:

- Option for players to communicate via external platforms if preferred.

Geography

Question: As of 2023, which country is the largest producer of electric vehicles (EVs)?

- A) United States
- B) China
- C) Germany
- D) Japan

Answer: B) China

Maths

Question: If a cryptocurrency wallet contains 0.25 Bitcoin and the value of 1 Bitcoin is \$40,000, what is the total value of the wallet?

Science

Question: CRISPR, a revolutionary technology used for editing genes, stands for:

- A) Clustered Regularly Interspaced Short Palindromic Repeats
 - B) Combined RNA Interfered Short Protocols
 - C) Cyclic Reactions in Systematic Protein Reformation
 - D) Cellular Respiration and Integrated Systemic Proteins
- Answer: A) Clustered Regularly Interspaced Short Palindromic Repeats

English

Question: Which term, popularized in the 21st century, refers to a situation that is hard to escape because of contradictory rules?

- A) Oxymoron
 - B) Paradox
 - C) Catch-22
 - D) Irony
- Answer: C) Catch-22

General Knowledge

Question: As of 2023, which social media platform has the most users worldwide?

Answer: Facebook

History

Question: In the 2024 Presidential election in Taiwan, which political party did the winning candidate belong to?

- A) Democratic Progressive Party (DPP)
 - B) Kuomintang (KMT)
 - C) Taiwan People's Party (TPP)
 - D) New Power Party (NPP)
- Answer: A) DPP

Example of Modern Questions

Project Justification

1. Enhancing Engagement: The app introduces new dynamics to the game, such as remote collaboration and competition, making it more engaging and relevant in a digitally connected world.

2. Broader Accessibility: Remote play options make the game accessible to players who are unable to participate in traditional board game settings due to geographical or physical constraints.

3. Content Relevance: The addition of modern question decks ensures the game remains appealing and challenging for contemporary players.

Conclusion

The proposed digital companion app for "Top of the Class" aims to revolutionize the traditional board game experience. By embracing digital innovation, the game will cater to a broader audience, offering an engaging and modern educational experience. The successful implementation of this project will set a precedent for the integration of digital technology in board gaming.