

Minimum Viable Product (MVP)

- Gameplay
 - Ability to roll a virtual dice
 - Ability for the player to move around the board in one direction based on the value of the dice roll
 - When a player lands on a space the question from the category associated with that space is displayed on the screen
 - Question answering
 - Correct: Player should add a correct answer to the tally
 - Incorrect: Player should keep the same correct answer tally
 - If the player answers 6 answers correctly they win and the game ends
 - Ability for the game state to be saved to a user
 - Ability for a game state to be loaded from a user
 - Once a game is finished its removed from the load game list
- Users
 - Creation of user through form including username, password, email address and difficulty settings (which has its own table associated with it)
 - If an account already exists, the user should be able to just log in
 - Should have the ability to use RUD operations via user profile screen
 - Read what their current username, email address, password and difficulty settings
 - Be able to update username, email address, password and difficulty settings
 - Be able to delete your account
 - Users have game states (in a separate table) saved to their accounts if they have previously played and left the game without finishing
- Home screen
 - Choose to load a game
 - Choose to start a new game
- Database
 - Table for users (id (PK), name, email, password, difficulty setting id (FK))
 - Table for game state (id (PK), userId (FK), player Nickname, player Position, player Correct Answers)
 - Table for difficulty setting (id (PK), difficulty level)

Enhancements

- Gameplay
 - Adding multiple players
 - Adding online play (very time consuming to implement)
 - Animations to movement and getting incorrect and correct answers
 - Change win conditions to implement the use of wedges
- Overhaul UI
- Add multiple movement directions
- Add a larger board with more pathways

User stories

#	User Story Title	User Story Description	Priority	Notes
1	User Profile Update	As a registered user of the platform, I want to update my profile information, so that my account reflects accurate and up-to-date information about me.	High	Basic CRUD operation deployment
2	Start New Game	As a player, I want to initiate a new game from the main menu so that I can begin playing trivia. This feature should allow players to start fresh with a new game session, displaying the game board as soon as the new game is started.	High	
3	Move Around the board	As a player, I want to roll a dice to determine my movement around the game board. This feature should enable players to progress in the game by moving their token/ to different spaces on the board.	High	
4	Answer Trivia Questions	As a player, I want to encounter trivia spaces on the game board so that I can answer questions. This feature should present players with trivia questions when they land on specific spaces, allowing them to engage in the game's main mechanic of answering questions.	High	
5	Track Score	As a player, I want to see my current score displayed on the game interface so that I can track my progress. This feature should dynamically update the player's score as they answer questions correctly or incorrectly, providing a visual representation of their performance.	High	
6	Save Game	As a player I want to be able to leave a game and then return to it later.	High	