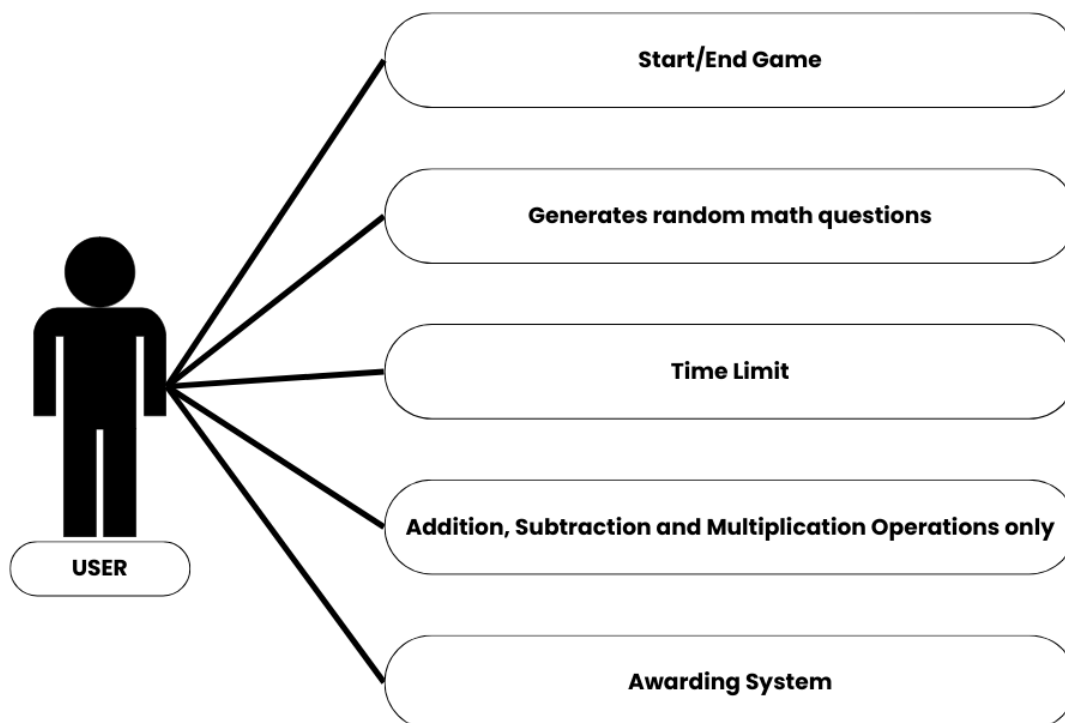Math Quiz Game: Improving Mental Math Skills Through Interactive Quiz

**Functions of Mobile Application**

A quiz-style math game where players answer math questions within a time limit Features: Randomly generated math questions (addition, subtraction, multiplication). Timer for each question. Scoring system based on correct answers. Educational Value: Helps improve mental math skills. Encourages quick thinking and problem-solving. Reinforces math concepts in an interactive way. Technical Implementation: Generate random math questions using Dart. Implement a timer using Flutter widgets. Manage game state using Flutter's state management techniques. Display questions and answers dynamically. Calculate and display scores based on player performance.

**Use-case of the App**



USER

Start/End Game

Generates random math questions

Time Limit

Addition, Subtraction and Multiplication Operations only

Awarding System

**Screenshot of Mobile Application**