Memory Match Game - Project Summary

Group Number: 604.23E

Project Name: Memory Match Game

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Project Description

This Flutter-based memory matching game challenges players to find all matching pairs in a grid of face-down cards. Players flip two cards per turn. If they match, they remain face-up. Otherwise, they flip back after a delay.

How to Run

1. Make sure Flutter and Visual Studio (with Desktop development with C++) are

installed. 2. Open the project folder in terminal.

3. Run the following commands:

git clone https://github.com/Toghrul2025/MemoryMatchGame.git

cd MemoryMatchGame

flutter pub get

flutter run -d chrome

4. Choose difficulty and start matching cards.

5. After finishing, your time and move count will be saved to leaderboard.

Features

- Easy (4x4), Medium (6x6), Hard (8x8) difficulty levels

- Timer and move counter

- Leaderboard showing last 5 best results

- Local data storage using shared_preferences

GitHub Link :https://github.com/Toghrul2025/MemoryMatchGame