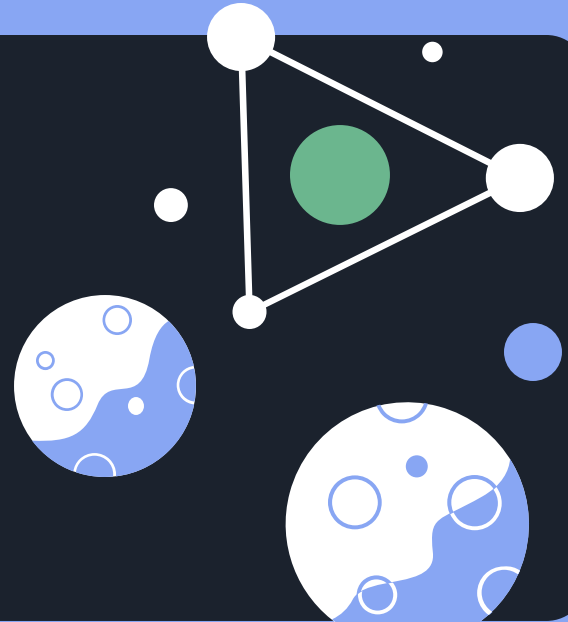


Mémoire

(Brain development game)





MEMBERS :

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- 3. Noor Qamarina Mohamad (21001860)**
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- 6. Matthias Arnold Anak Stanly (21001435)**
- 7. Muhammad Zahin Syukran Sukeri (21001515)**



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About us

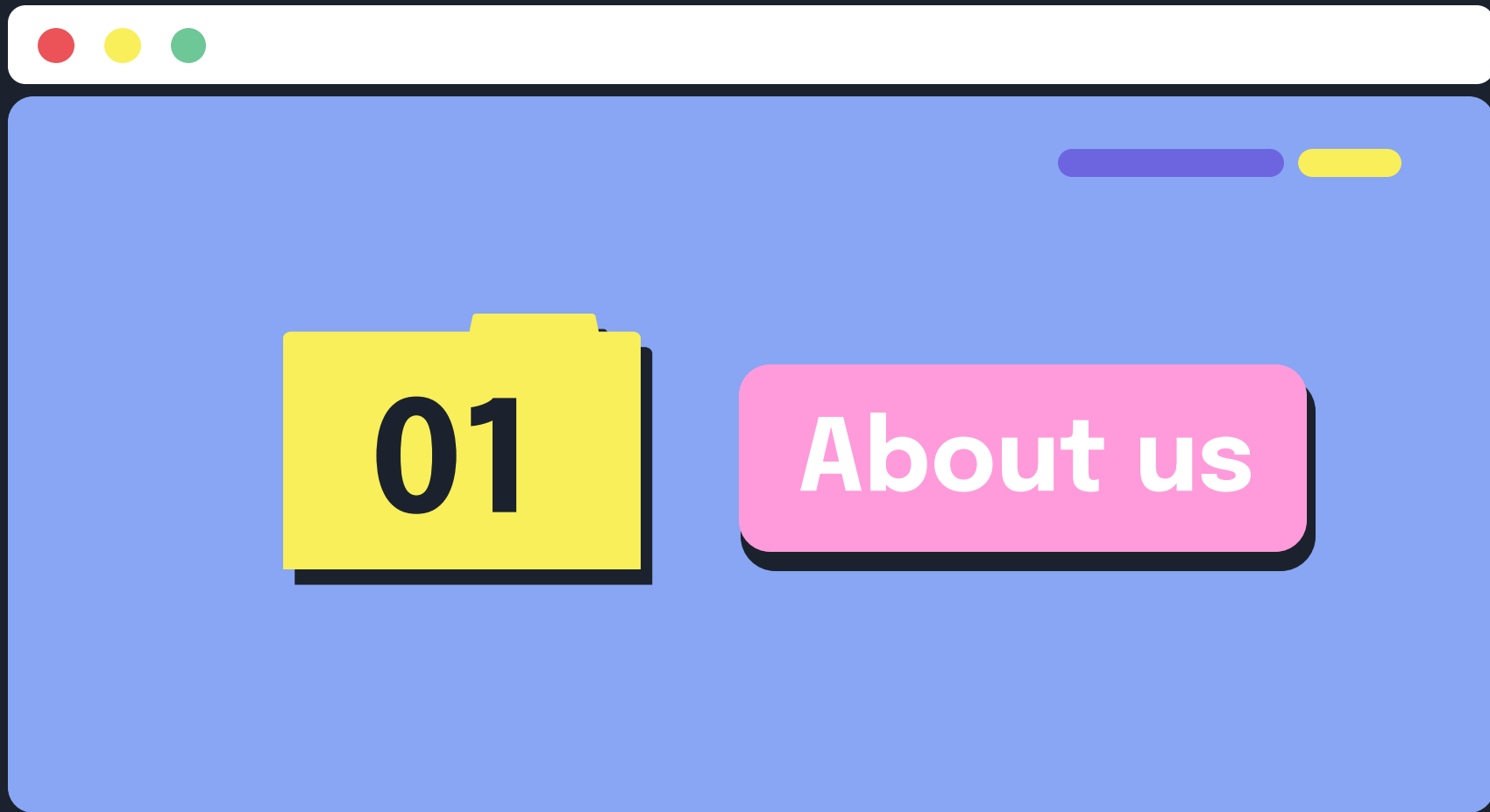
03

Our Solutions

02

Problem
Statement

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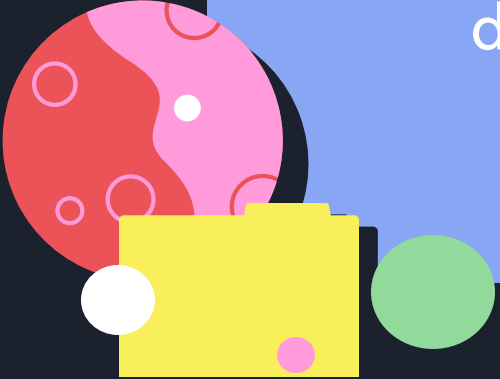
About us

We want to create a game called "Mémoire" to help brain development through an effective and fun learning experience. The game is meant for all ages, but it's also good for kids since developing the brain early on is fundamental for their future. Our game will contain various topics and each topics will have games related to it.





02 Problem Statements



Research shows that an average learner forgets 70% of what they learned within 24 hours and 90% of what they learned in a week if they don't make an effort to retain it.

-ispringsolutions.com

How other developers solve this problem?

Spaced repetition method through flashcard app

- Spaced repetition is an evidence-based learning technique that is usually performed with flashcard.
- There are several apps developed using this technique such as anki, ankidroid and space.

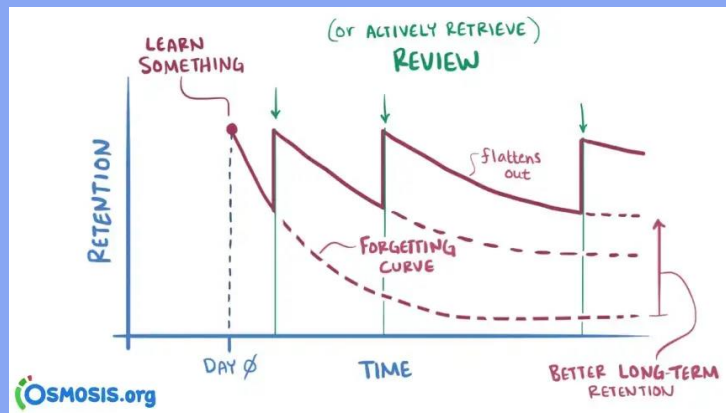
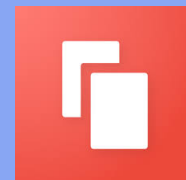
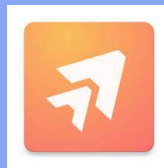


Diagram 1.0, forgetting curve and spaced repetition curve






But then, what's the problem with their app?

No games, only flashcards and reminders :(

Most of the spaced repetition app does not have any games at all and it kind of make the app boring especially for students which mostly consists of adolescents and young adults






Second problem...

Just memorizing random words without deeper context

Flashcards only is not enough for effective learning
since they are mainly memorizing words without
understanding the context.






Third problem...

Not everyone have the same memory capacity

Some have higher memory capacity compared to others, but this does not show that their IQ is significantly higher. Therefore, those struggling with lower memory capacity may be discouraged when facing immediately with high skilled questions which are common in most memory improvement items from brain development activities.





03 Solutions



Our Solution – Our Apps

DIFFERENT LEVEL

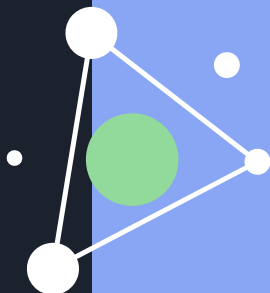
- ❑ Adding a level or stage which are Easy / Medium / Hard
- ❑ Player can sharpen their mind to think effectively in a much difficult situation and gets a feel for the game play



Our Solution

INTRODUCTION OF TOPIC

- ❑ Players are required to choose one topic from a group topic where the contents will vary for each round of game.
- ❑ This feature helps the players able to remember effectively on the topic chosen.

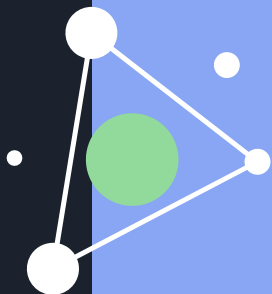




Our Solution

3 TYPES OF GAMES

- ❑ Have 3 types of games under 1 topic – After player choose their topic, they will choose which type of game they want to play
- ❑ So player will not get bored playing the same type of game and will enjoy it





THANK YOU