

PROJECT REPORT – BRAIN SQUEEZE (AN EDUCATIONAL PLATFORM)

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Project Title: BRAIN SQUEEZE (AN EDUCATIONAL PLATFORM)

Day 1: Empathise & Define

Step 1: Understanding the Need Problem: In today's world, students find studying difficult because most learning apps are paid, confusing, or don't cover all subjects. Many cannot afford premium platforms or access proper notes and practice questions. As a result, they struggle to revise well, especially during exams.

STEP 2: WHY I WANT TO SOLVE: This idea emerges because some students find it hard to focus and the books are not affordable so, it is a free platform for students so all children can make use of it and study well.

HIGHLIGHTS OF THE PLATFORM:

- FREE OF COST
- EASY TO ACCESS
- WITH NOTES, IMPORTANT QUESTIONS AND MCQ TEST

TAKE-HOME TASK (FINDINGS):

- ❖ Many students don't have access to free and reliable study resources.
- ❖ Students prefer simple, mobile-friendly learning tools.
- ❖ Parents and teachers want platforms that support safe, easy, and stress-free studying.

Day 2: Ideate

SOLUTIONS BRAINSTORMED:

1. Provide a completely free learning platform for all students.
2. Combine notes, important questions, and quizzes in one place.
3. Make the interface simple and easy to use.
4. Ensure the app works smoothly on mobile devices.
5. Give instant feedback on answers to help students learn faster.
6. Cover multiple subjects to reduce the need for separate apps.

FAVOURITE SOLUTION:

BRAINSQUEEZE (AN EDUCATIONAL WEBSITE) - Free of cost, easy to access

TAKE-HOME TASK:

Using AI made an educational website for students

Day 3: Prototype & Test

Prototype built using:

v0.dev, ChatGPT, GEMINI

Testing Feedback:

Good: Easy to use, helpful features

Improvement: Add videos, More subjects

Day 4: Showcase

Title: Brain Squeeze – Free Student Learning App

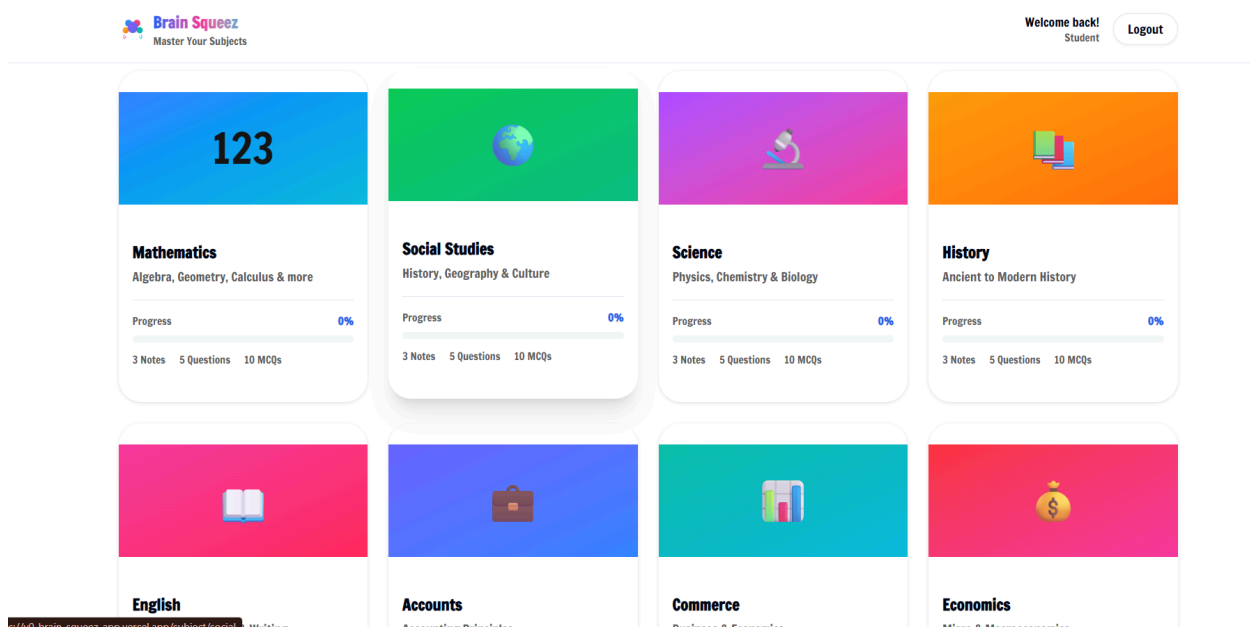
Impact:

Helps students study easily, access all subjects in one place, and learn through interactive practice.

Reflections:

enjoyed creating a clean and simple learning tool for students.

Challenge: Making all subjects easy to understand and organizing the content neatly



What is the chemical formula for water?

☒ H₂O

☒ O₂

☐ H₂

☐ HO₂

☒ **Wrong!**

Water consists of 2 hydrogen atoms and 1 oxygen atom. The formula is H₂O.

Next Question

Logout

Study Materials

Physics Fundamentals

Physics is the study of matter and energy.

Basic Concepts:

- Force: Push or pull ($F = ma$)
- Energy: Capacity to do work
- Motion: Change in position
- Speed: Distance per unit time

Laws of Motion (Newton):

1. Object at rest stays at rest
2. $F = ma$
3. Action-reaction pairs

Energy Forms:

- Kinetic: Motion energy
- Potential: Stored energy
- Thermal: Heat energy