

PROJECT REPORT – BRAIN SQUEEZE (AN EDUCATIONAL PLATFORM)

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Start Date: 25 November 2025

End Date: 01 December 2025

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 BRAINSTROMED:

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

The screenshot displays the homepage of the Brain Squeeze app. At the top, there is a navigation bar with the logo 'Brain Squeeze' and the tagline 'Master Your Subjects'. On the right side of the nav bar, it says 'Welcome back! Student' and has a 'Logout' button. Below the nav bar, there is a grid of eight subject cards, each with a large icon and a progress bar.

Subject	Icon	Description	Progress
Mathematics	123	Algebra, Geometry, Calculus & more	0%
Social Studies	Globe	History, Geography & Culture	0%
Science	Microscope	Physics, Chemistry & Biology	0%
History	Books	Ancient to Modern History	0%
English	Open book	Grammar, Vocabulary, Literature	0%
Accounts	Briefcase	Financial Accounting, Bookkeeping	0%
Commerce	Bar chart	Marketing, Economics, Business Studies	0%
Economics	Dollar sign	Macroeconomics, Microeconomics, Global Business	0%

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](#)


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