

Student-sourced study materials

404-Not- Founders *

Team Members

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What is Problems?

Students often lack access to comprehensive study materials. Past year papers and official notes might not be enough, while seniors and peers have useful resources that are scattered and hard to find.



Define the Problem
Clearly

What is Our Goals?

Provide a solution for student to share their resources and let others browse through them. Create a platform or system where students can easily share, browse, and access study materials such as notes, past papers, tutorials, and so on.



Define the Goals
Clearly

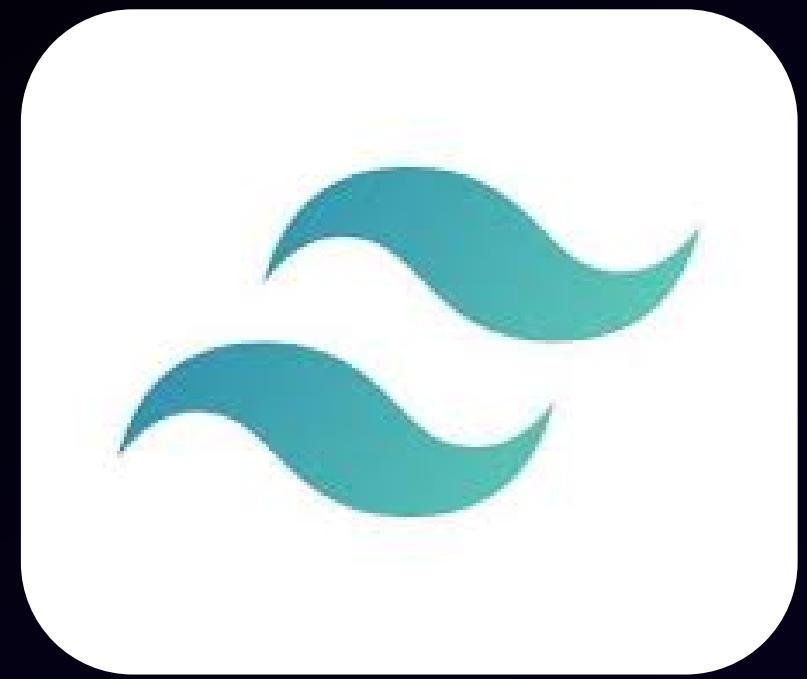
Knowledge Hub



Knowledge Hub

Knowledge Hub is a platform or system where students can easily share, browse, and access study materials such as notes, past papers and tutorials

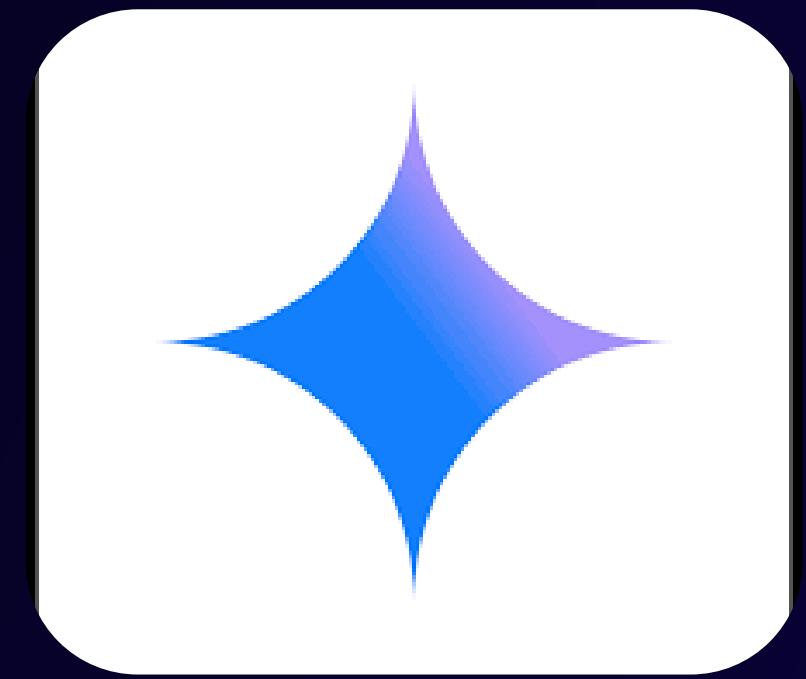
Knowledge Hub



Tailwind CSS



PHP



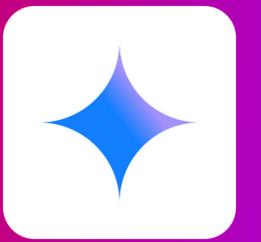
Gemini

Knowledge Hub

- File Upload & Sharing
- Categorization & Tagging
- Search & Filter
- Peer Rating & Comments
- User Profiles
- Download & Preview
- AI Fill & Note Summarizer

Key Features & Extra

Working Together
with Gemini API KEY



AI, Automation, and Beyond

Gemini API KEY

The extra features of programming is let students to upload the study materials and using AI to fill up the info such as title and details. It also include Note Summarizer such as Auto-generate a short summary of uploaded notes.

Knowledge Hub – Preview

* Home Page

The screenshot shows the Knowledge Hub home page with a light blue header bar. The header includes the logo, the title "Knowledge Hub", and navigation links for "Home", "About", a user profile icon, a star icon, and "Log Out". Below the header is a search bar and several filter options: "Search title or description...", "Subject Code", "Type" (dropdown), "Session" (dropdown), "Filter", "Clear", and a purple "Upload" button. The main content area displays three document cards:

- Tutorial Set 5 with Answers** (By Pik Hao, 8 likes)
MAT101 • 2023/2024 • Tutorial
Fully worked solutions for calculus tutorial questions in MA...
- Final Exam Paper 2023** (By Yi Yong, 25 likes)
ICT205 • 2022/2023 • Past Paper
Past year ICT205 final exam paper with solutions. Useful for...
- Midterm Revision Notes** (By Qi Xiang, 12 likes)
TSE3042 • 2023/2024 • Notes
Concise revision notes for Software Engineering midterm exam...

At the bottom, there are navigation buttons for "Prev", "1", "Next", and text indicating "Page 1 - 3 result(s) · 1 page(s)". The footer contains the copyright notice "© 2025 Knowledge Hub. All Rights Reserved." and the email address "Email: abc@gmail.com".

Knowledge Hub – Preview

* About Page

The screenshot shows the 'About' page of the Knowledge Hub. At the top, there's a navigation bar with 'Knowledge Hub' logo, 'Home', 'About', a user icon, and 'Log Out'. The main content area has a title 'About Knowledge Hub' and a paragraph explaining the purpose: 'Knowledge Hub is a student-sourced repository of study materials built by MMU students for students. We created it during a hackathon to make sharing notes, past papers, and tutorials simple, fast, and fair.' Below this, there are two sections: 'Why we built this' and 'Our goals', each with a list of bullet points. Further down is a 'Key features' section with three cards: 'File Upload & Sharing', 'Categorization & Tagging', and 'Search & Filter'.

About Knowledge Hub

Knowledge Hub is a student-sourced repository of study materials built by MMU students for students. We created it during a hackathon to make sharing notes, past papers, and tutorials simple, fast, and fair.

Why we built this

- Past papers and official notes alone aren't enough for deep understanding.
- Great resources from seniors and peers are scattered across chats and drives.
- New students struggle to quickly find reliable, course-specific materials.

Our goals

Upload & share: notes, past papers, tutorials, and tips from students.

Discover fast: powerful search + filters by keyword, subject code, type, and session.

Access quality: previews, ratings, and profiles to surface the best material.

Key features

File Upload & Sharing
Upload notes, past papers, and tutorials (PDF/DOCX).

Categorization & Tagging
Tag by subject code, type, and session for easy discovery.

Search & Filter
Find materials by keywords, code, type, or session.

Knowledge Hub – Preview

* Upload Page

The screenshot shows the 'Upload Study Material' page of the Knowledge Hub. At the top, there's a blue header bar with the 'Knowledge Hub' logo and navigation links for 'Home', 'About', and 'Log Out'. Below the header, a purple button labeled 'Back' is visible. The main content area has a light blue background and features a large central form for uploading study material.

Upload Study Material

Upload file

- Choose File**: A button to select a file. It shows 'No file chosen'.
- Visibility**: Buttons for 'Public' (green) and 'Private' (red).
- AI Fill**: A button to generate AI-filled content.
- Gemini API Key**: A field to paste a Gemini API key, with a note that it's stored locally in browser storage.

Subject Code: An input field with placeholder text 'e.g., TSE3042'.

Session and **Type**: Two dropdown menus.

Title: An input field with placeholder text 'e.g., Midterm Revision Notes'.

Detail: A text area for describing the file's contents.

Author: Alvin Lim Jun En

Cancel and **Upload Material** buttons at the bottom right of the form.

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Using Git as
Version Control
System



GitHub Repository

This is the link of the GitHub Repo for the Student Sources Study Materials Website: <https://github.com/Yongqx-0313/Student-Sources-Study-Material-Platform>

GitHub Repository

Scan QR Code to View it



Thank You