

# UTM STUDY PLANNER

Presented By : Group 3

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# OUR TEAM

- Chew Wen Yi



- Kak You Chern



- Muhammad Rendy Atsary



- Armaan Shaan
- Sandeep Kumar Bin Abdul Hafiz



# PROBLEM STATEMENT

Some of the students cannot manage their time well. They struggle to follow their study schedule.

UTM Smart and eLearning cannot function well as study planners because they often fail to update information on time.

# PROJECT GOALS

Develop a study planner that can :

- Record assignment and tutorial deadlines
- Clearly display quiz and test dates
- Display timetable and give remainder before class
- AI help users create a suitable study plan

User Interface Layout Design:

- Dashboard showing upcoming deadlines
- Calendar view (week/month)
- Simple, clean icons for subjects
- Task list with priority level

# **PROCESS AND METHOD**

## **Identify Student Needs:**

- Google Form survey
- Observe current study habits

## **Benchmarking Existing Tools:**

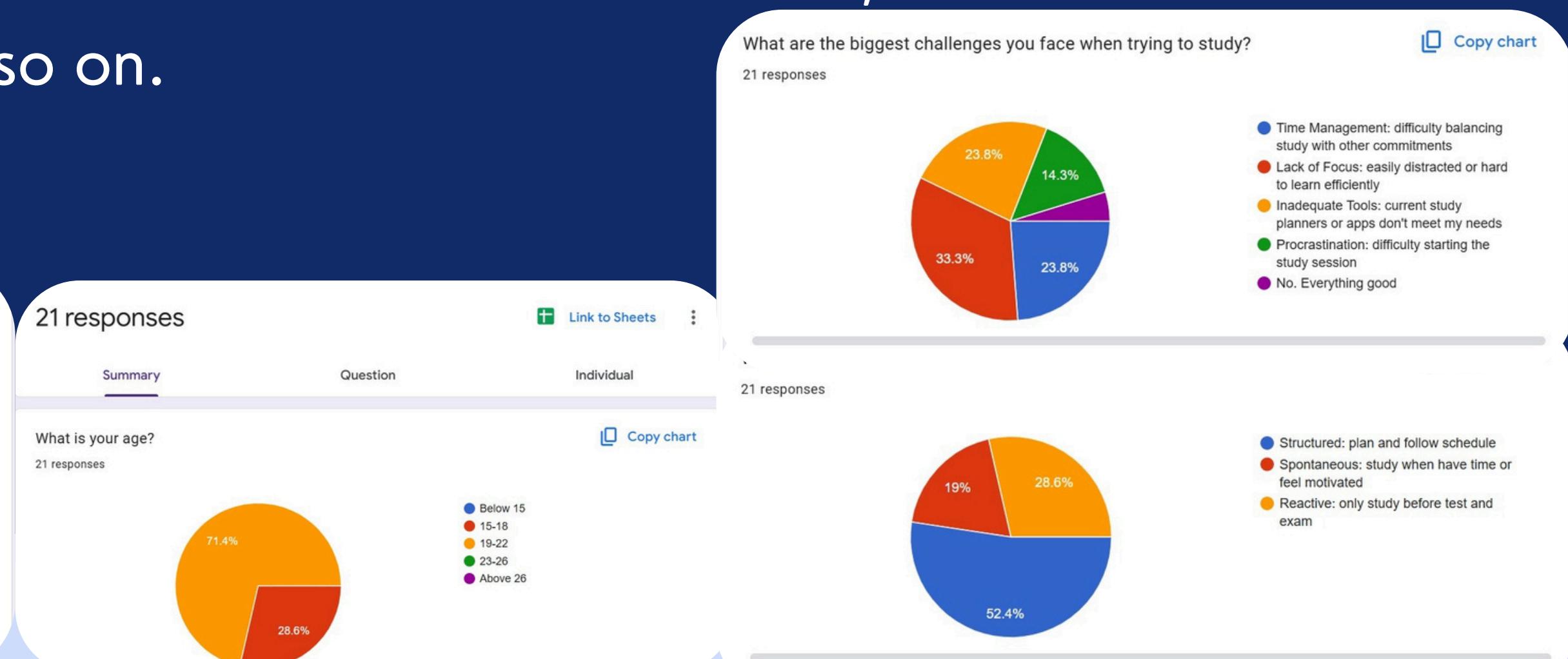
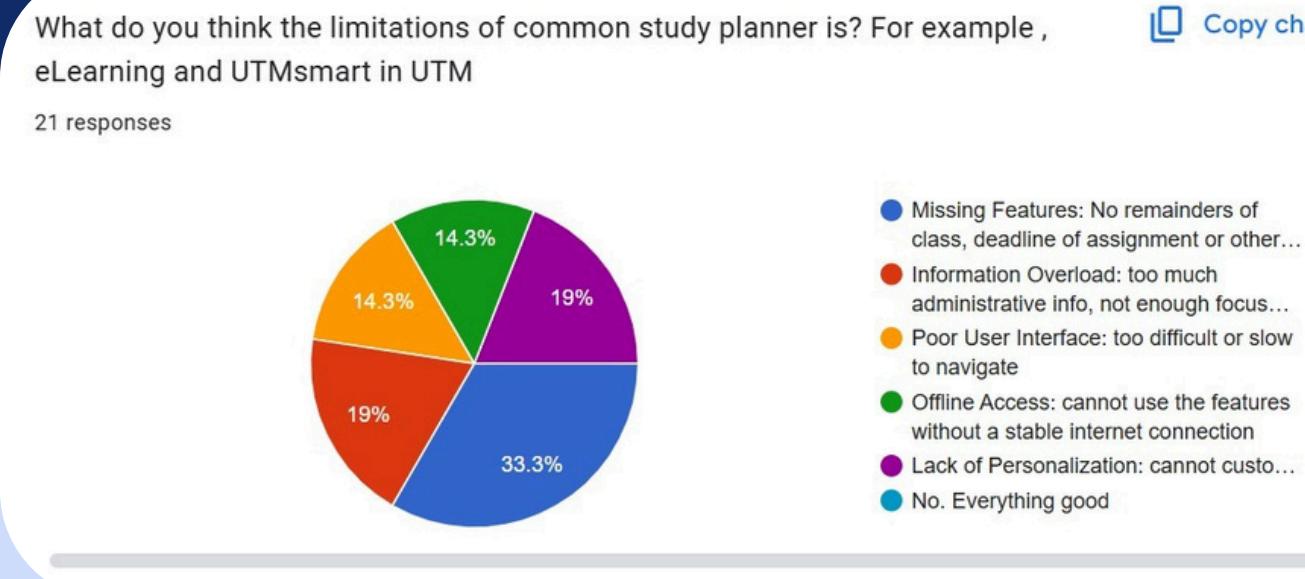
- Review common study planners
- Note usable features for inspiration

# DETAIL STEP

## 1. Empathy

- generated a Google Form survey
- collected their study habits among our peers.

Description: missing features such as no remainders of class, deadline of assignments and so on.



What are the biggest challenges you face when trying to study? \*

- Time Management: difficulty balancing study with other commitments
- Lack of Focus: easily distracted or hard to learn efficiently
- Inadequate Tools: current study planners or apps don't meet my needs
- Procrastination: difficulty starting the study session
- No. Everything good
- 其他:

What do you think the limitations of common study planner is? For example, eLearning and UTMsmart in UTM

- Missing Features: No remainders of class, deadline of assignment or other feature
- Information Overload: too much administrative info, not enough focus on actual learning tasks
- Poor User Interface: too difficult or slow to navigate
- Offline Access: cannot use the features without a stable internet connection
- Lack of Personalization: cannot customize it to my specific daily routine
- No. Everything good
- 其他:

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Google 表单

# DETAIL STEP

## 2. Define

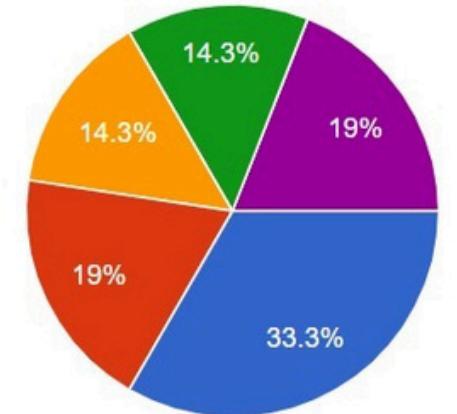
After analyzing the results, we found a significant gap in the current system, specifically involving UTM Smart and e-Learning.

Description: the platforms fail to update information on time cause students difficulty to plan their schedules and miss the deadlines.

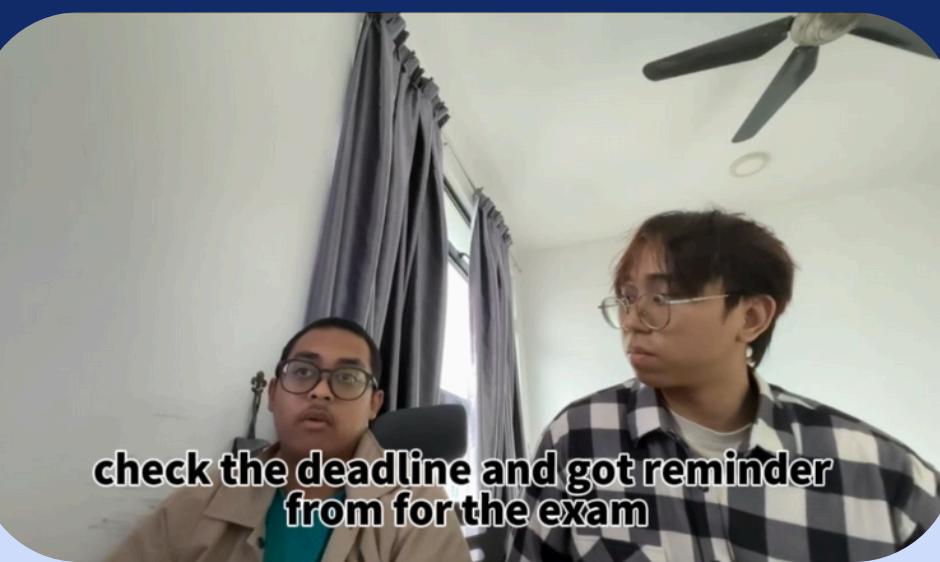
What do you think the limitations of common study planner is? For example , eLearning and UTMsma

21 responses

 Copy chart



- Missing Features: No remainders of class, deadline of assignment or other...
- Information Overload: too much administrative info, not enough focus...
- Poor User Interface: too difficult or slow to navigate
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- Lack of Personalization: cannot custo...
- No. Everything good

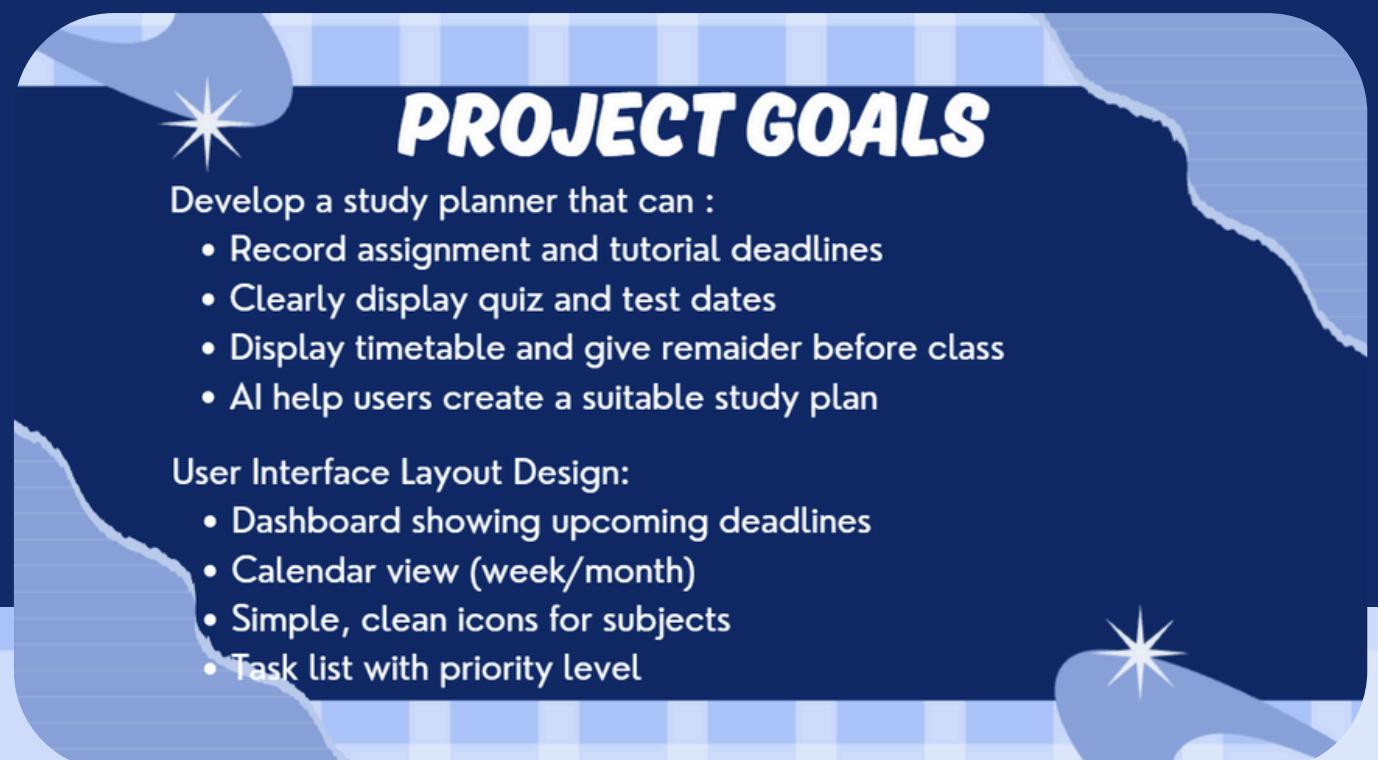


# DETAIL STEP

## 3. Ideate

We reviewed common study planners in the market and compared the useful functions provided by other planners.

Description: We aim to create a “One-stop” solution that could record assignments, display quiz dates, and provide AI-assisted study plans to improve efficiency.



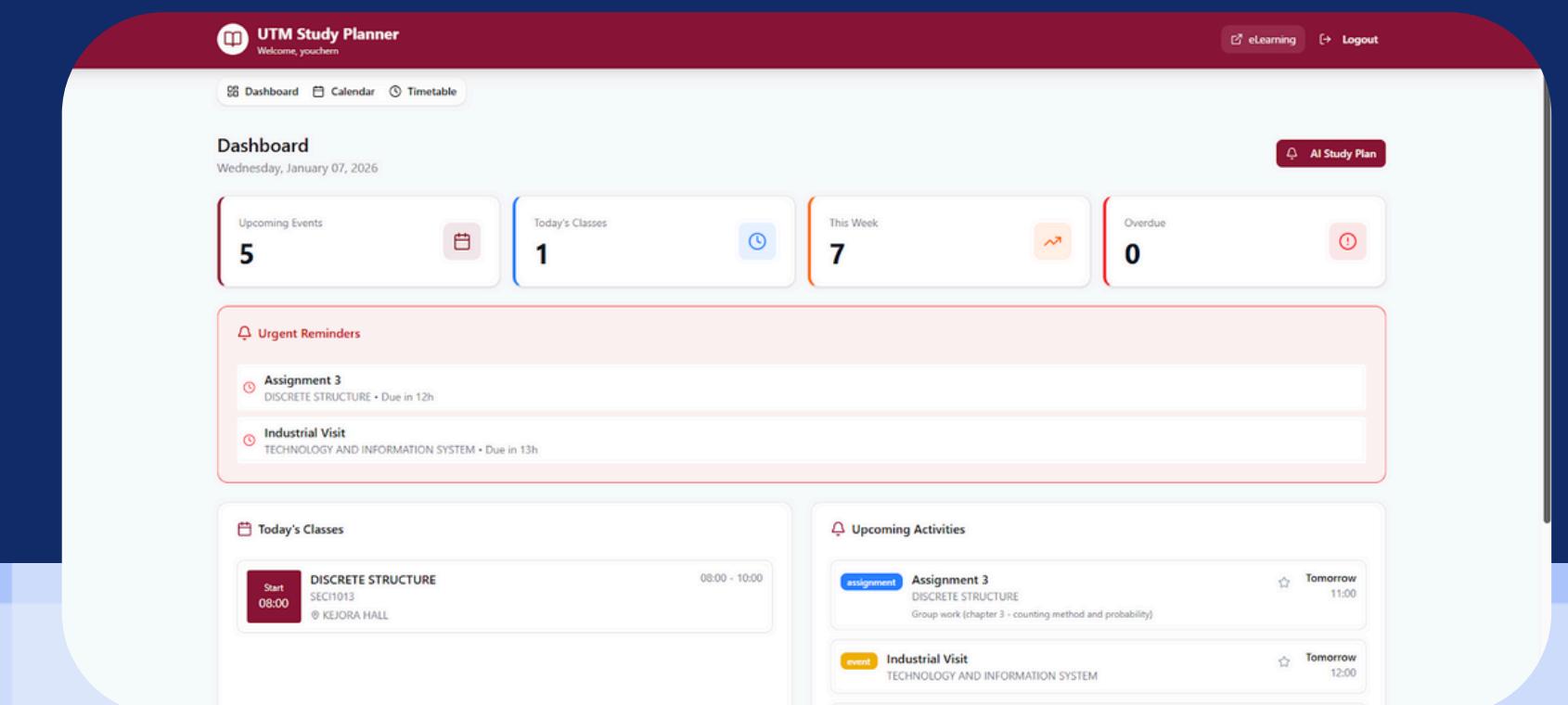
**PROJECT GOALS**

Develop a study planner that can :

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UTM Study Planner  
Wednesday, January 07, 2026

Dashboard

Upcoming Events: 5 | Today's Classes: 1 | This Week: 7 | Overdue: 0

Urgent Reminders:

- Assignment 3 - DISCRETE STRUCTURE • Due in 12h
- Industrial Visit - TECHNOLOGY AND INFORMATION SYSTEM • Due in 13h

Today's Classes:

Start	Subject	Location	Time
08:00	DISCRETE STRUCTURE	SEC1013 @ KEJORA HALL	08:00 - 10:00

Upcoming Activities:

Type	Subject	Description	Date	Time
assignment	Assignment 3	DISCRETE STRUCTURE	Tomorrow	11:00
event	Industrial Visit	TECHNOLOGY AND INFORMATION SYSTEM	Tomorrow	12:00

# DETAIL STEP

## 4. Prototype

We used design software to generate a user interface of study planner based on our design direction.

Description: The prototype includes a Dashboard showing upcoming deadlines, a Weekly Timetable for class management, and a Monthly Calendar for long-term planning.

The dashboard view shows a summary of upcoming events, today's classes, this week's schedule, and overdue tasks. It also displays urgent reminders and upcoming activities.

Upcoming Events	Today's Classes	This Week	Overdue
5	1	7	0

**Urgent Reminders:**  
Assignment 3 (Discrete Structure) Due in 12h  
Industrial Visit (Technology and Information System) Due in 13h

**Today's Classes:**  
SEC1013 DISCRETE STRUCTURE SEC1013 KEJORA HALL 08:00 - 10:00

**Upcoming Activities:**  
Assignment 3 (Discrete Structure) Group work (chapter 3 - counting method and probability) Tomorrow 11:00  
Industrial Visit (Technology and Information System) Tomorrow 12:00

**Monthly Calendar View:** Shows the month of January 2026 with days numbered 1 through 17. Specific days are highlighted with colored bars (red, green, blue) indicating scheduled events or tasks.

**Weekly Timetable View:** A grid showing daily classes from Monday to Friday. Classes are color-coded by subject. For example, Monday has SECJ1013 (Programming Technique I) at 08:00 and SECH1013 (Discrete Structure) at 10:00.

**AI-Generated Study Plan View:** Displays personalized study recommendations. It lists "Today's Tasks" (e.g., Daily study session - Jan 09), "Upcoming Study Tasks" (e.g., Deep dive into weak topics, Daily study session - Jan 10, Daily study session - Jan 11, Final revision for Test 1), and an "Overdue" section.



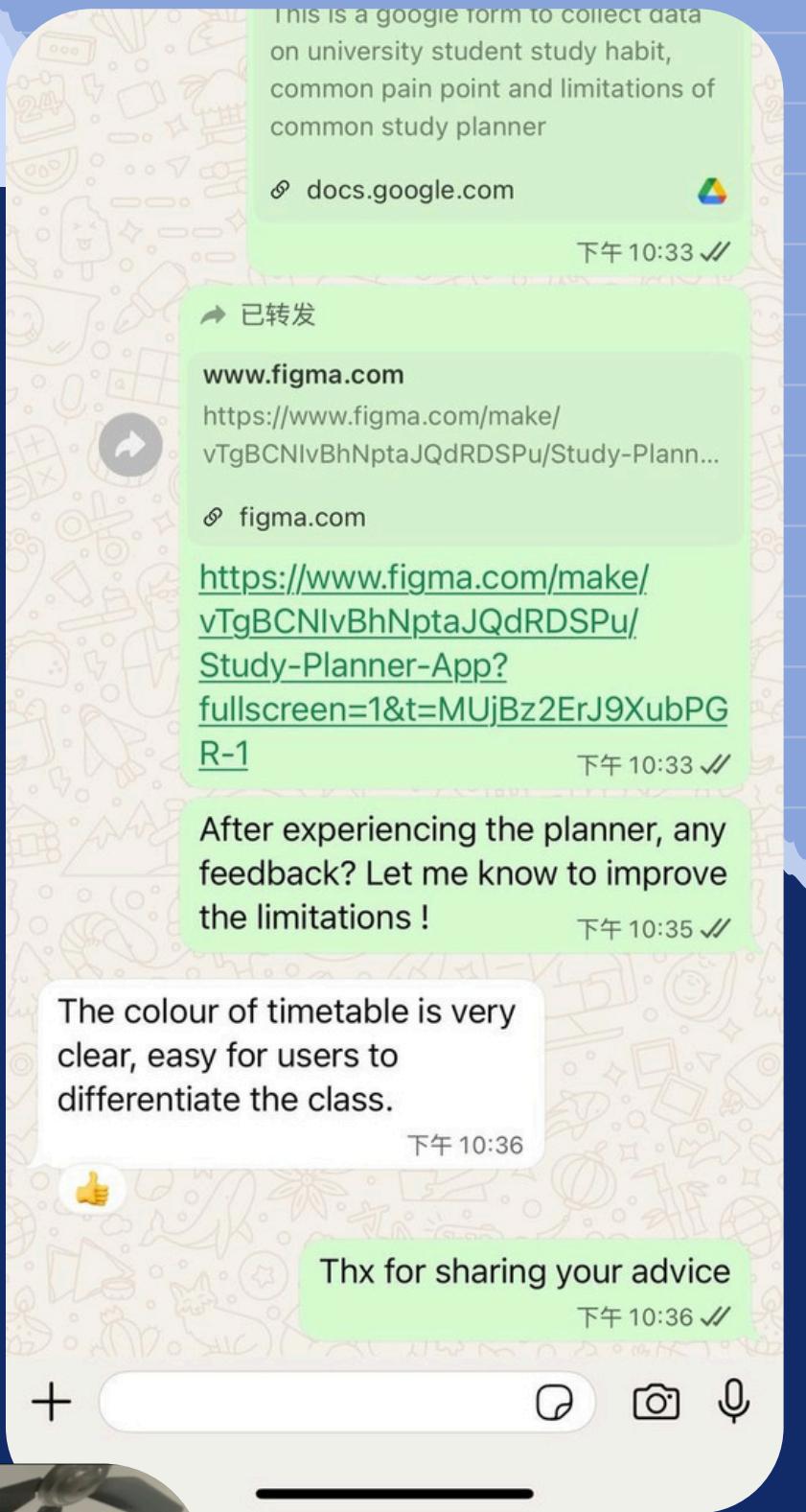
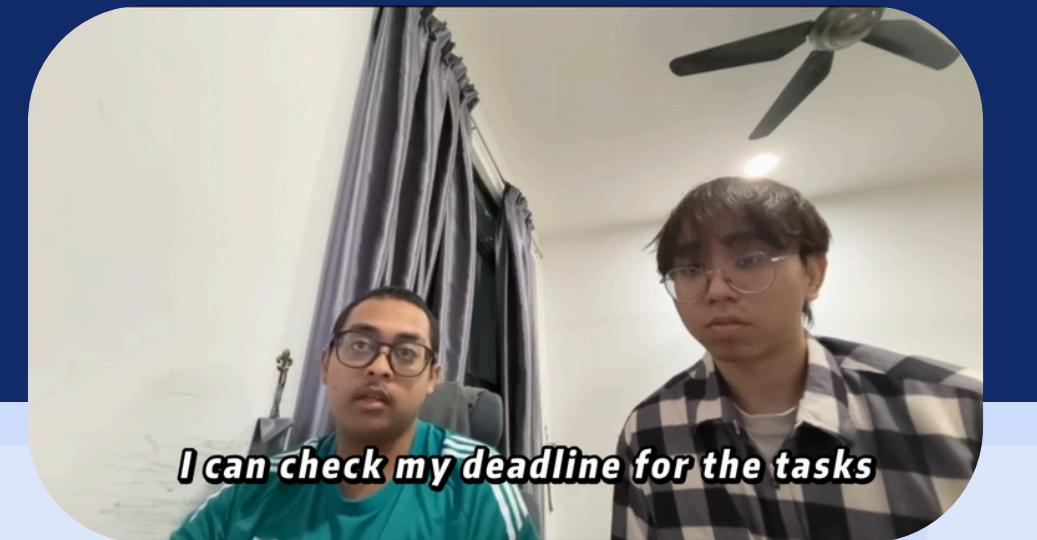
# UTM STUDY PLANNER

# DETAIL STEP

## 5. Test

We showed the prototype to a group of UTM students for usability testing and feedback.

Description: We evaluated whether the interface was user-friendly and ensured all the features are functional and easy to locate and use.



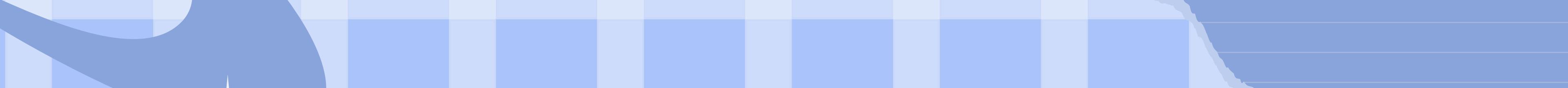
# ASSESSMENT POINTS

## 1. During the Design Thinking Phase Transition

From **Empathy to Definition**: We assess the survey results to ensure we can identify the exact challenges faced by UTM students such as missing features.

From **Ideate to Prototype**: We assess the ideas based on the project goals to ensure they provide real value to users for solving problems before designing the user interface.

Purpose: This “checkpoint” allows us to realise the problems and adjust our ideas early to avoid wasting time.



# ASSESSMENT POINTS

## 2. Project Demonstration Phase

**Functional Evaluation:** We will evaluate whether the user interface such as dashboard and assignment reminders successfully solve the challenges faced by students.

**User Satisfaction:** We will evaluate the prototype based on the feedback from users such as AI helper and reminders of assignments and quiz.

**Purpose:** This final assessment aims to ensure whether the project has achieved the goals, helping UTM students effectively manage their schedules.

# EXPERIENCE



# **TASK**

## **Chew Wen Yi:**

Responsible for prototype and google form survey, editing video and also report(Introduction, detail description and reflection at own part)

## **Kak You Chern:**

Responsible on sharing google form survey link, editing video and documentation (detail step, design thinking assessment, design thinking evidence, reflection own part, and combining the report)

## **MUHAMMAD RENDY ATSARY:**

Responsible for sharing google form survey link, giving advice about the concept of the project, and also recording video(QnA part and Feedback part), report(reflection at own part)

## **ARMAAN SHAAN SANDEEP KUMAR BIN ABDUL HAFIZ:**

Responsible for sharing google form survey link, giving advice about the concept of the project, and also recording video(Introduction and explaining project), report (reflection at own part)

# **QNA SECTION**

# THANK YOU

Presented By : Group 3