# Mental Health Support For Students (Mobile Application)

**BY: UTAR Chicken Rice Coders**

Chuah Shin Yee & H'ng Jing Cheng

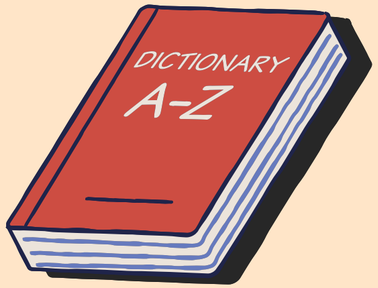
# Content Page

1) Sign Up Page
2) Log In Page
3) Main Menu Page
4) Task Progress Page
5) Weekly Timetable Page
6) Schedule Task Page
7) Task Menu Page
8) Timer Page
9) Diary Page
10) AI chatting page

# Our Objective

## Task-oriented Vitual pet system:

For university students who are introverted or value their privacy, seeking out a mentor or traditional mental health support can be intimidating. A virtual pet system offers a private, low-pressure way for these students to manage their mental health. It provides a safe, non-judgmental companion that helps them track their mood, express emotions, and practice self-care, all without needing to open up to others. This makes it an ideal solution for students who prefer to stay private while still getting the support they need.



# CORE TECHNOLOGIES

- Java - All app logic and functionality
- XML - UI layouts and design
- Text Files - Database storage (offline)
- Google AI Studio - Chatbot feature

# KEY JAVA FILES

- LoginActivity.java - User authentication
- MainMenuActivity.java - Pet progress & main dashboard
- TimerActivity.java - Task timing functionality
- DiaryActivity.java - Mood tracking & journaling
- ChatActivity.java - AI conversation
- FileManager.java - All data read/write operations

## DATABASE FILES

- user_data.txt - Login credentials
- pet_progress.txt - Virtual pet evolution
- tasks_log.txt - Task completion records
- diary_entries.txt - Daily mood & journal

## EXTERNAL LIBRARIES

- MPAndroidChart - Progress visualization
- CalendarView - Weekly timetable
- Google AI API - Mental health chat support

# Thank you for attentive listening!