

ITT632 GROUP PROJECT

PROJECT TITLE	Mindcare: Mobile Mental Health Support system for university student
GROUP NAME	MindMates

NO.	STUDENT ID	NAME
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PROJECT DESCRIPTION

Briefly explain the chosen title and the APIs that will be implemented in this project.

- Mindcare helps university students check emotions, find nearby support, book counseling, access resources, and get mental health help anytime using quizzes, maps, secure login, and real-time notifications.
- Description of the service That will be implemented:
 - Self-assessment
 - Based on PHQ-9 and GAD-7, the system uses rule-based logic to analyze responses and suggest suitable
 - Counselor Appointment Booking
 - Students can book counseling slots, while admins and counselors manage, approve, or reschedule appointments.
 - Mental Health Resource Hub
 - Offers Motivational content like articles, videos, poems, and quotes, which users can browse and save based on their mood
 - Emergency Help Button
 - Quick-access button to notify emergency contacts or connect to in-campus support immediately.
 - Machine Learning
 - Incorporates Machine Learning to analyze user-selected emojis or moods and provide personalized replies or content recommendations tailored to the user's emotional state.
- Third-Party service:
 - OpenStreetMap(Geolocation)
 - Used to show nearby mental health centres or counseling facilities based on the user's current location
 - Firebase authentication
 - Secure sign -in and sign-up for students, counselors, and admins using email/ID and password
 - MySQL
 - For storing user data, assessment results, booking details and resource upload
 - Push notifications (Firebase Cloud Messaging)

- To remind users of upcoming appointments or encourage mental wellness check-ins.

Note: Change of project is **NOT ALLOWED**. Please choose your project wisely.