ADIYOGI – AATM TRIPTI

Project Title – ADIYOGI

- **Problem Statement ID – 25092**
- **Problem Statement- Digital mental health and psychological support system**
- **Theme- MedTech/BioTech/HealthTech**
- **PS Category- Software**
- **Team ID-**
- **Team Name (Registered on portal) - CodeDemons**

CodeDemons

ADIYOGI

SMART INDIA HACKATHON 2025

❖ Proposed solution:

*"**ADIYOGI -** A Digital Mental Health & Psychological Support System for Students in Higher Education"*

- Our platform detects and addresses mental health issues (like stress, anxiety, depression, burnout, sleep disorders).
- Provides psychological support through counselling, peer support, and AI-guided first-aid designed specifically for young exhausted indians.
- Uses AI, data analytics, and digital communication to deliver personalised , unbiased , cultural and ethnic sensitive solutions based upon India's diversity.
- **For Students in Higher Education →**

  The system is specially designed for college and university students, who often face:
  - Academic stress (sense of no achievement)
  - Social isolation (especially in rural/semi-urban areas/creating place where you feel accepted)
  - Fear of judgment when seeking help (" ability to observe without judging , we listen not judge.")
  - Lack of accessible counsellors(No one to listen our problems)

"We are creating a tech-based solution that helps college students manage stress, anxiety, and other mental health issues by giving them private, safe, and accessible support from counsellors, peers, and AI tools."

🚀 Why Our Solution is Unique:

- Tailored to **Indian higher education context** (regional, scalable, stigma-free).
- Integrates **AI + peer support + professional help** in a **single platform**.
- Provides **real-time institutional insights** while protecting student privacy.
- Open-source, cost-effective, and deployable in **semi-urban/rural colleges**.

CodeDemons

TECHNICAL APPROACH

SMART INDIA HACKATHON 2025

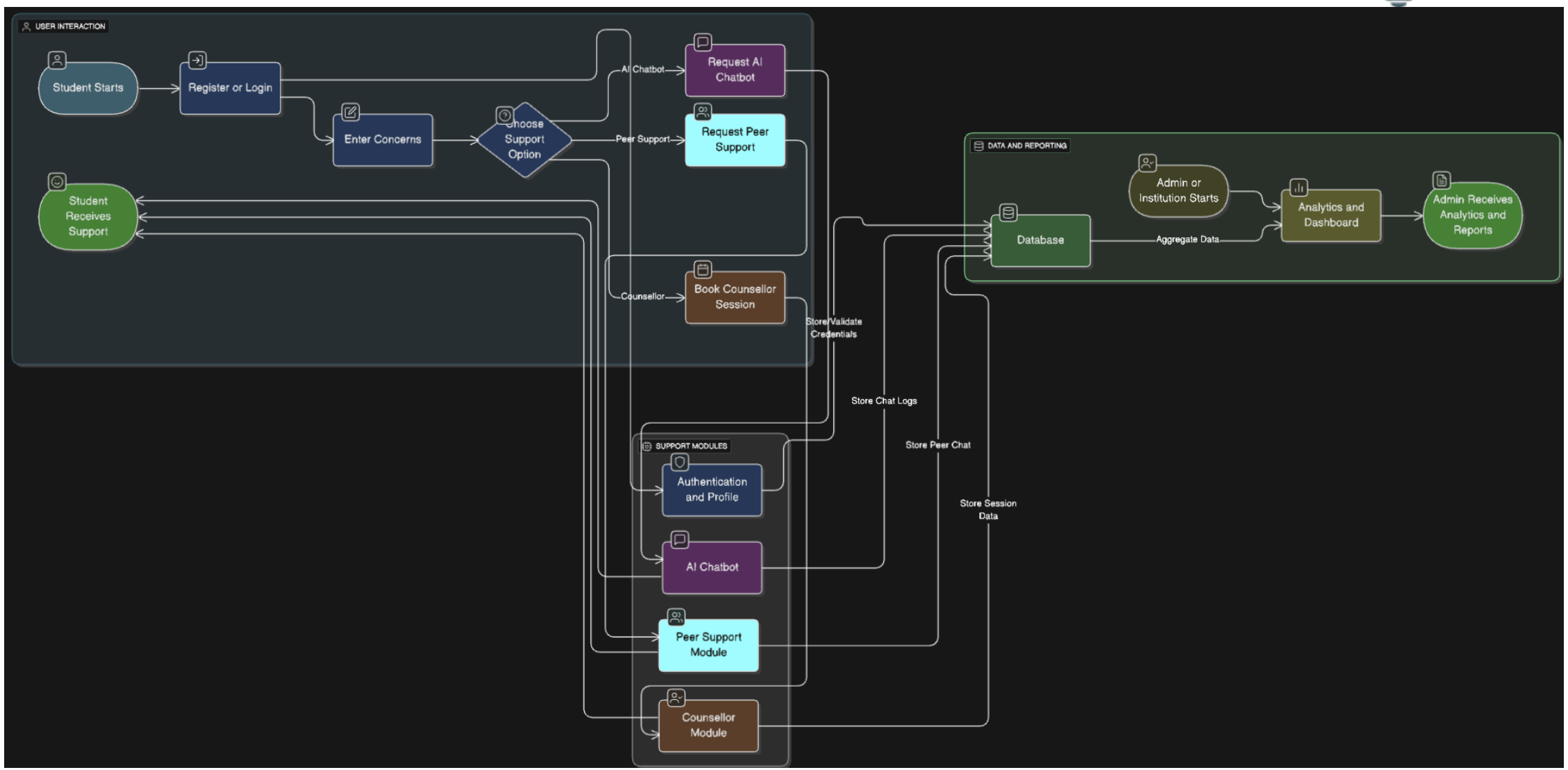
Technologies to be used:

- Frontend: React.js, Tailwind CSS
- Backend: Django + REST APIs
- AI/NLP: Python (Hugging Face, TensorFlow/PyTorch) for chatbot.
- Database: MongoDB / PostgreSQL.
- Analytics: Power BI for admin dashboard.

CodeDemons

DATA FLOW DIAGRAM

SMART INDIA HACKATHON 2025



CodeDemons

FEASIBILITY AND VIABILITY

SMART INDIA HACKATHON 2025

Feasibility:

- Built with open-source, scalable tech.
- Cost-effective and customizable for colleges.
- Aligns with Government digital health & education goals.

Challenges & Risks:

- Data privacy concerns.
- Low adoption due to stigma.
- Infrastructure gaps in rural areas.

Strategies:

- End-to-end encryption & secure access.
- Awareness drives to reduce stigma.

CodeDemons

IMPACT AND BENEFITS

SMART INDIA HACKATHON 2025

Impact on Target Audience:

- Provides stigma-free, accessible mental health support for students.
- Encourages early detection & timely intervention, reducing severe cases.
- Builds a supportive campus culture through peer and professional help.

Benefits of the Solution:

- Reduces isolation, improves student well-being and academic performance.
- Low-cost, open-source platform → affordable for institutions.
- Data-driven insights (like **WHO report[1]**, **online mental health forums[2]**) for policy & wellness programs.
- Adaptable for rural & urban colleges, regional language support.

CodeDemons

RESEARCH AND REFERENCES

SMART INDIA HACKATHON 2025

WHO mental health report:
https://www.who.int/teams/mental-health-and-substance-use/world-mental-health-report

Online mental health forums:
https://www.reddit.com/r/mentalhealth/