



Logo Dark

N + C



Logo Light

A rough stroke symbolising the chaotic states of mind that connect in chaotic ways yet produce meaning



NEURO CONNECT

A counseling platform for
confidential mental wellness





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Problem statement

Rising Mental Health Crisis

1 in 7

adolescents globally face
mental health issues (WHO)

Over 60%

students in colleges reported
mental health struggles (US survey)

37.4
million+

students in India, yet
90–95% of mental health
issues go untreated

Problem statement

Infrastructure Gaps

- India needs 1.5 million more counselors to meet demand
- Jammu & Kashmir: only 16 psychiatrists for ~7 million people

Social Stigma

- Students often fear judgment and avoid seeking help
- Traditional counseling lacks anonymity and flexibility

Our Approach



A Hybrid Counseling Platform

- Combines AI chatbots with licensed human counselors
- AI offers personalized support that's available 24/7
- Humans take over for deeper emotional needs

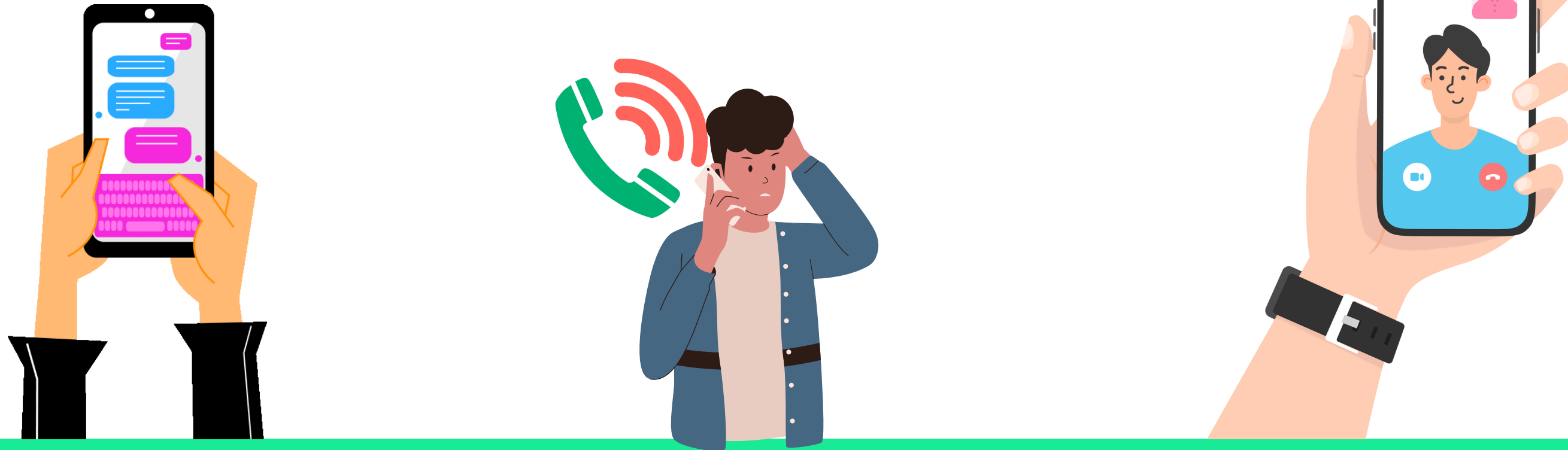
Our Approach



Anonymity at the Core

- Users can stay anonymous or reveal identity if they choose
- Reduces fear, judgment, and hesitation
- Encourages students to speak freely

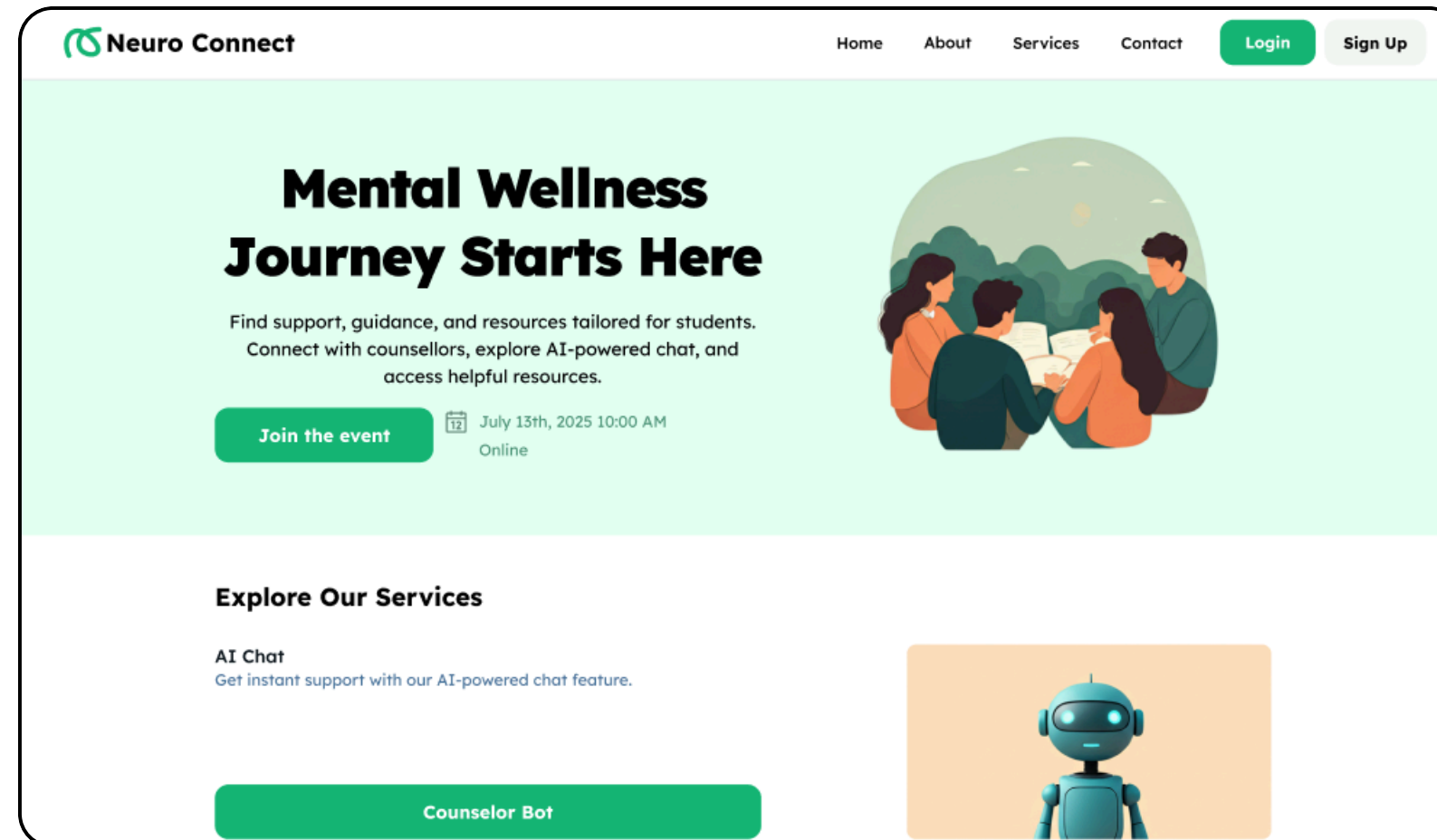
Our Approach



Multi-Mode Communication

- Chat-based interaction (core feature)
- Future-ready: voice and video options
- Text → Voice → Video as user trust level grows

What is Neuro Connect?



A Mental Health Platform

A web application to achieve the proposed outcomes

Neuro Connect - Features

Student-First, Privacy-Centered, Empathetic

Student-centered, offering comfort, confidentiality, and understanding without pressure.

On-Demand, Personalized Support

- Always available, personalized to every student's needs.

Tailored for Indian Universities

- Built specifically for India's campus culture and mental health challenges, with scalable integration options.

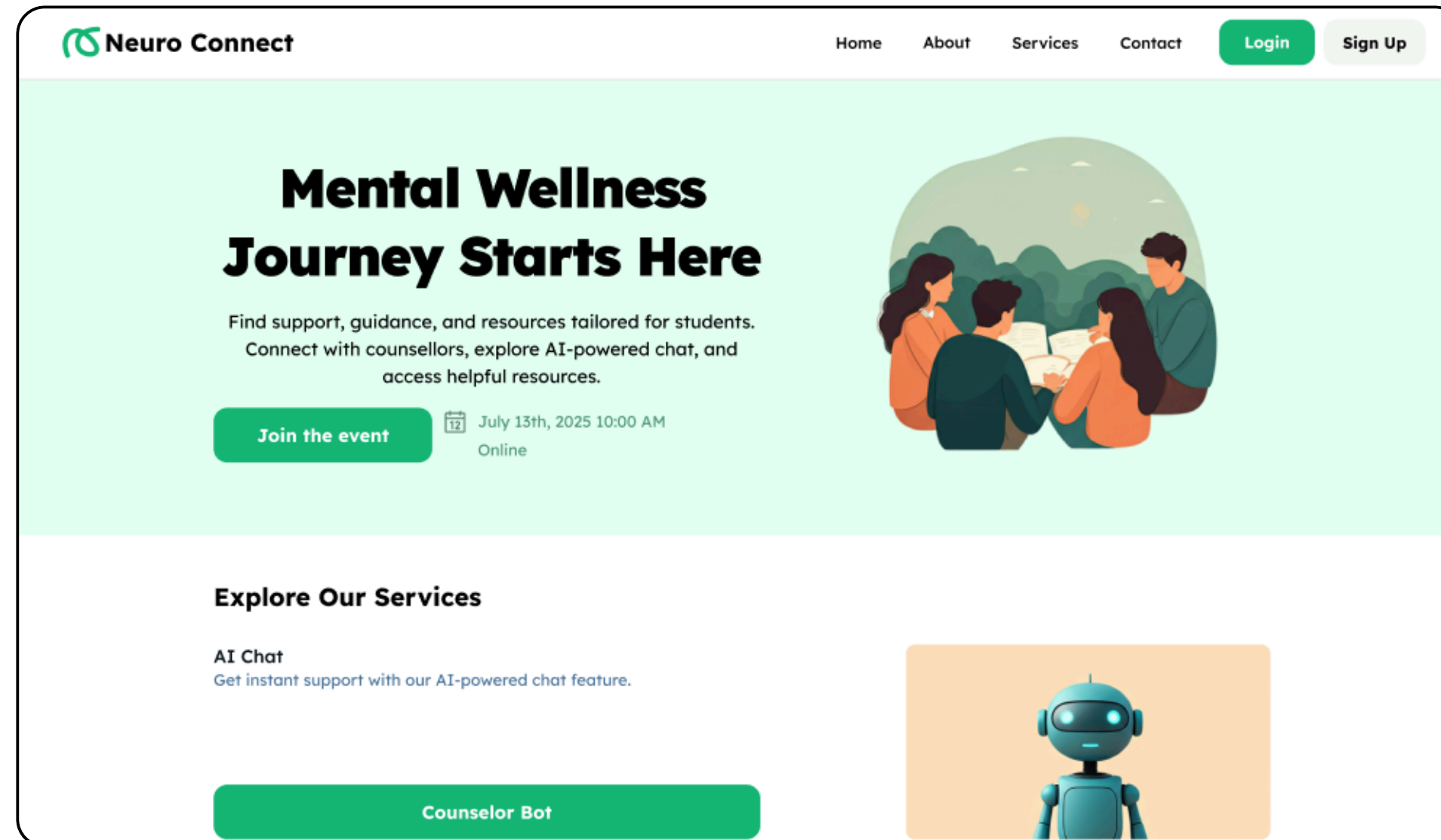
Key Objectives



1. Build an AI driven system that offers responsive, personalized mental health support.
2. Integrate human counselors for empathetic and professional care alongside AI.
3. Ensure user anonymity with optional identity disclosure.
4. Implement text-based communication, with future voice/video options.
5. Design the platform aligned with university wellness centers.
6. Enable analytics and reporting to help universities monitor mental health trends securely.
7. Create a safe, stigma-free environment that encourages students to seek help.



Neuro Connect prototype



[Check out the Prototype](#)



Neuro Connect - Methodology

1. System Architecture Design

Core features of the system

Hybrid Model

Combine AI chatbots with human counselors; support multi-channel (text, voice, video) communication.

Anonymity & Privacy

Ensure optional anonymity, encrypted communication, and secure data handling.

Modular Framework

Develop modular components for AI, counselor interface, communication, and analytics.

Neuro Connect - Methodology

1. System Architecture Design

Core Modules of the system

AI Counseling

Personalized AI chatbot counselling support.

Communication

Text-first, expandable to voice/video.

Human Counselor

Secure interface for counselling sessions.

Analytics & Reporting

Dashboard for trends, usage, and service metrics

Front-End

AI Model

GPT-based model integration) or custom-trained NLP models

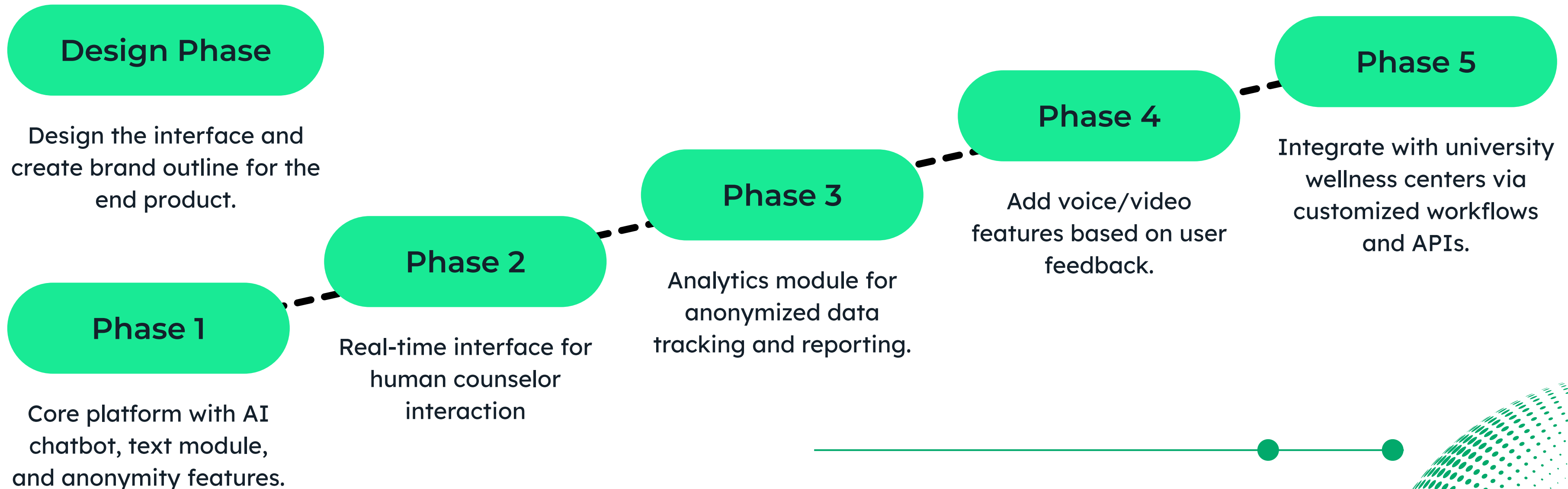
Database

Database to collect all the data at all times, to use for Analytics and Reporting

Back-End

Neuro Connect - Methodology

2. Development Phases



Neuro Connect - Methodology

3. Software requirements

Frameworks/Languages in plan

Frontend

HTML5, CSS3, JavaScript

- React.js or Vue.js for responsive UI
- Tailwind CSS or Bootstrap for styling
- Axios or Fetch API for HTTP requests
- WebRTC (for future voice/video communication)

Backend

- Node.js with Express.js or Django (Python) for RESTful APIs
- Python (TensorFlow, PyTorch, or spaCy)
- OpenAI API (e.g., GPT-based model integration) or custom-trained NLP models
- DeepSeek

Neuro Connect - Methodology

3. Software requirements

Frameworks/Languages in plan

Database

- PostgreSQL or MongoDB for user data and message storage
- Redis (optional, for caching active sessions)

Authentication & Privacy

- JWT (JSON Web Tokens) for user authentication
- OAuth 2.0 for optional integration with university login systems

Analytics & Reporting

- Python for generating periodic data summaries
- Figma or PowerBI for dashboard planning (Optional)

Neuro Connect - Methodology

4. Hardware requirements

Platform

Server or Cloud infrastructure for hosting services along with local system (including laptop, tablet or phone)

Processor

Intel i3/i5/i7 or AMD Ryzen 3/5/7

RAM

Minimum 4 GB (16 GB recommended)

Storage

SSD, at least 256 GB

GPU

Optional for AI model training (NVIDIA GTX/RTX series)

Progress Report

Current Status

Design Phase

Designed the workflow of the three user profiles. We initially skipped this step but ended up doing this for consistency in end product.

Task Flows

Screen Designs

Colors and
Typography



Phase 1

Core platform with AI chatbot, text module, and anonymity features.

AI Counseling
Module

Phase 2

Real-time interface for human counselor interaction

Human Counselor
Module



Thank You!

