GKnow Project Plan

Overview

Our team is developing **GKnow**, an innovative app designed to help users create detailed, interactive genograms that map out family structures and relationship dynamics. This tool goes beyond traditional genogram-making by offering a standardized approach to communication in therapy, ensuring consistency across clinical settings. **GKnow** enhances the family counseling experience by preserving the therapist-patient connection, making it easier to track patterns and progress over time. By setting a new industry standard for genogram usage, this app will serve as a powerful resource for therapists and professionals, ultimately transforming the way family history and relationships are understood in therapeutic and clinical practice.

Challenges/Solutions

Standardized Practice	While researching genograms, we discovered that there are nearly unlimited symbols, relationships, and other elements that could be included. To address this while keeping the tool user-friendly, we will implement only the most common symbols and provide a drawing feature for users to add any additional symbols they may need.
Applicability	Since none of our team members are therapists, it is crucial that the app aligns with the real-world needs of therapists and counselors. To achieve this, we will conduct ongoing, in-person testing on a tablet with a therapist, gathering their input on features and usability. This approach ensures that our target audience receives an app that truly supports their professional workflow.
HIPAA Violations	Due to the medical nature of this app, we must ensure compliance with standard HIPAA regulations in order to market it to licensed therapists. As a solution, we will implement an automatic log-out function after five minutes of inactivity, secure encryption and decryption, and provide a seamless sign-in process using either traditional login credentials or Face ID/Touch ID.
Marketing	Since genograms are not widely known by the public and no accessible app has gained widespread recognition, marketing a genogram app may be challenging. However, the lack of competition strengthens our project. By collaborating directly

	with therapists and allowing them to test the app, we can generate interest and encourage word-of-mouth promotion.
Apple Pencil Integration	Integrating Apple Pencil support may be challenging and require extensive testing, but it is essential for creating a seamless user experience. To address this, we can optimize rendering, study successful implementations in other apps, and leverage Apple's APIs for smooth integration.

Goals

Reach Goal	Our reach goal is to develop a fully functional, groundbreaking app that enables therapists to create and customize genograms with ease. Patients would be able to view their genograms and learn more about their family dynamics, while therapists would be able to keep a stronger connection in-person with patients by keeping communication uniform. GKnow would seamlessly integrate Apple Pencil support for enhanced interaction and provide cross-device accessibility, extending beyond iPads to mobile and other platforms. By offering a superior user experience compared to competitors, we would incorporate real-time collaboration tools, advanced customization options, and detailed analytics. Once the app is fully developed, we would aim to launch it and begin marketing directly to therapists, ensuring it reaches professionals who can benefit from its innovative features.
Main Goal	Our primary goal for GKnow is to develop a fully functional iPad app that meets the essential needs of therapists while maintaining a visually appealing and intuitive design. By prioritizing usability, we would aim to ensure seamless navigation and core functionalities, including genogram creation, client tracking, session notes, and profile customization. The app would support Apple Pencil, touch, and keyboard inputs, maximizing accessibility and enabling features like hover interactions. Additionally, GKnow would be HIPAA-compliant, offering robust privacy controls and a reliable system

	for error handling, crash reporting, and data protection. Through thoughtful design and smooth functionality, we would deliver a polished, professional-grade tool that enhances the therapist's workflow. Marketing may not be implemented, but a marketing
Safety Goal	At a minimum, GKnow will provide a streamlined, secure platform for therapists to create genograms and manage patient profiles with ease. Patient information cards and the broader database will be protected by strong security measures to safeguard sensitive data. Our app will feature a clean, modern, and functional design, ensuring a seamless user experience with all essential features and intuitive usability. The app will be responsive for different devices, and provide therapists with a way to create and store genograms. While GKnow may not be fully ready for market, it will be extremely close and only require bug-fixes.

Meetings

Class time	Tuesdays/Thursdays, 3:55 PM - 5:10 PM
Client Meetings	Tuesdays, unless otherwise changed for conflict, 4:15 PM - 5:15 PM
Team Meetings (without Client)	Monday/Wednesdays, 12:30PM - 1:30PM

Important Dates

Task or Deliverable	*Owner*	*Due Date*
Checkpoint 1 • Alpha • Exploratory Research • Project Plan • PR/FAQ	Presentation: Everyone Alpha: Curt Research: Project Plan: Eiligh PR/FAQ:	Jan 30, 2025
Checkpoint 2 • User research • Beta • UX Map	Presentation: Everyone Research: Gabby, Eiligh Beta: Curt UX Map: Ashera, Georgia	Feb 20, 2025
Checkpoint 3 • 1.0 (rough draft of entire project) • Visual design guide • Poster • Website beta • SLAM promotional material	1.0: Curt Visual design: Ashera Poster: Georgia Website: Eiligh Promotional material: Gabby	Mar 20, 2025
Checkpoint 4 • 1.1 • Launch/handoff/so-cial deliverables • Resume	1.1: Curt Launch/handoff/social deliverables: Everyone	Apr 10, 2025
Operational Project	Everyone	Apr 10, 2025
Stage Presentation	Everyone	Apr 22, 2025
Booth Presentation + One-Pager	Gabby, Eiligh, Ashera	Apr 17, 2025

Project Trailer	Georgia	Apr 24, 2025
Project Website	Eiligh	Apr 22, 2025
SLAM PRESENTATION	**Everyone**	**May 2, 2025**