■ Executive Summary

BridgeChat is a generative AI platform that enables organizations to build and manage secure, internal knowledge bases powered by AI reasoning. It integrates directly with the Google ecosystem — including Drive, Gmail, and Calendar — as well as call transcript platforms (e.g. Fireflies, Read AI) to provide contextual intelligence across organizational data. Each user can access specific data sources based on role- and group-based permissions. The chat interface allows users to choose data sources (Drive, Gmail, Calendar, Transcripts, etc.) for each prompt. ChatGPT Pro reasoning model will be the sole LLM powering BridgeChat, ensuring high-quality, deep responses.

■ Detailed Next Steps / Action Points

1. Data Integrations

BridgeChat will unify key organizational data sources under one querying layer:
a. Google Drive Integration: Enable API connection via OAuth for organization-level access. Users can query Drive files directly, limited by Google permissions. Implement real-time syncing and indexing of Drive contents.

b. Gmail Integration: OAuth-based secure connection for each user. BridgeChat retrieves and summarizes email information relevant to prompts. Example: "Summarize all emails about the Q4 budget from last week."

c. Google Calendar Integration: Enable OAuth-based access to Calendar events. Allow BridgeChat to fetch meeting details, participants, and notes. Example: "What meetings do I have today related to Project Hector?"

d. Call Transcript Integration: Finalize first transcript partner (Fireflies, Read AI, AutoAI, or Notion). Build ingestion pipeline for transcripts with metadata such as meeting title, date, participants, and topics.

e. Manual Uploads: Allow users to add internal or personal documents manually to their private knowledge base.

2. Knowledge Base & Access Structure

BridgeChat supports hierarchical access models: - Organization-level: Shared global data sources. - Group-level: Team-specific knowledge bases. - Individual-level: Private documents and data. Users can belong to multiple groups, each with distinct access. Permissions governed by role-based access controls (RBAC): Admin, Manager, Member.

3. Prompting Experience

Within the BridgeChat interface, users select one or more sources before prompting (Drive, Gmail, Calendar, Transcripts, Manual Docs). Responses are restricted to the chosen data sources. Future capability: multi-source reasoning combining context across integrations (e.g., email + calendar + notes).

4. Model Selection and Configuration

Only ChatGPT will be supported (CLOD and Gemini deprecated). BridgeChat will use the ChatGPT Pro reasoning model to ensure deep, accurate, and context-aware responses. Configure fallback systems for API reliability while maintaining ChatGPT as the default engine.

5. Technical Action Plan

Area	Task	Owner (Suggested)
Integrations	Implement OAuth connectors for Drive, Gmail, Calendar	Backend Dev
Integrations	Finalize and integrate transcript platform	Product/Dev
Backend	Build ingestion + indexing pipeline for all sources	Backend Dev
Access System	Set up RBAC and group-based access schema	Backend Dev
UI/UX	Source selection & prompt interface	Frontend/Design
Model Config	Lock system to ChatGPT Pro reasoning	AI/Infra
Security	Manage tokens, API scopes, encryption	DevOps