SavvyThreads – A Social Knowledge Graph Builder:

★ A second brain for your personal and organisation wide understanding.
★ Weave conversations into actionable insights

What?

★ AI-powered platform that transforms unstructured communication (from Gmail, Slack, Teams, Zoom, Google Chat, Whatsapp etc..) into dynamic, searchable knowledge graph of your personal and organization's collective intelligence.

Core features:

➢ Conversation ingestion and parsing
  ○ Connects to Gmail, Slack, Teams, Zoom etc
  ○ Use LLMs to parse dialogue into:
    ■ Topics discussed
    ■ Ideas proposed
    ■ Decisions made
    ■ Tasks or Follow-ups assigned
    ■ Expertise exhibited or requested

➢ Construction of Vector DB from unstructured texts and graph (Neo4J + LLMs to parse)
  ○ Nodes: People, Topics, Decisions, Ideas, Teams
  ○ Edges: Proposed by, Decided on, followed up by, related to etc.
  ○ Continually updated with new conversations

➢ Semantic search and exploration
  ○ Ask: "Who is the go to person for optimization ideas?"

- ○ Find: "All decisions made last quarter on pricing strategies"
  - ○ Visual Graph + table view

- ➢ Expertise mapping
  - ○ Identify internal domain experts
  - ○ Suggest collaborators on topic overlap

- ➢ Follow ups and Recall Engine
  - ○ Auto remind task owners on slack & other platforms
  - ○ Highlights ideas that went cold and never got a follow up

- ➢ Privacy and Permission Layer
  - ○ Role based access to sensitive content
  - ○ Users can opt out of graphing private conversations

Tech Stack:

1. LLMs (Groq/OpenAI configured LLMs for parsing and summarizing LLMs)
2. Neo4J for graph backend (Information is retrieved using cypher query)
3. RAG - Native Neo4J database for semantic search & contextual understanding
4. React with D3.js for interactive graph navigation
5. FastAPI & LangChain & LangGraph for orchestration

Use Cases:

- ● New employee onboarding → see institutional knowledge by topic
- ● Leadership reviews → auto-generated decision timelines
- ● Product retros → find missed or unexecuted ideas
- ● Cross-team collaboration → identify topic experts quickly