MUMBAI HACKS

TEAM TECH ENTREPRENEURS ASSOCIATION of MUMBAI

made in mumbai

SAMPADA AI

Team Codex

Track - FinTech

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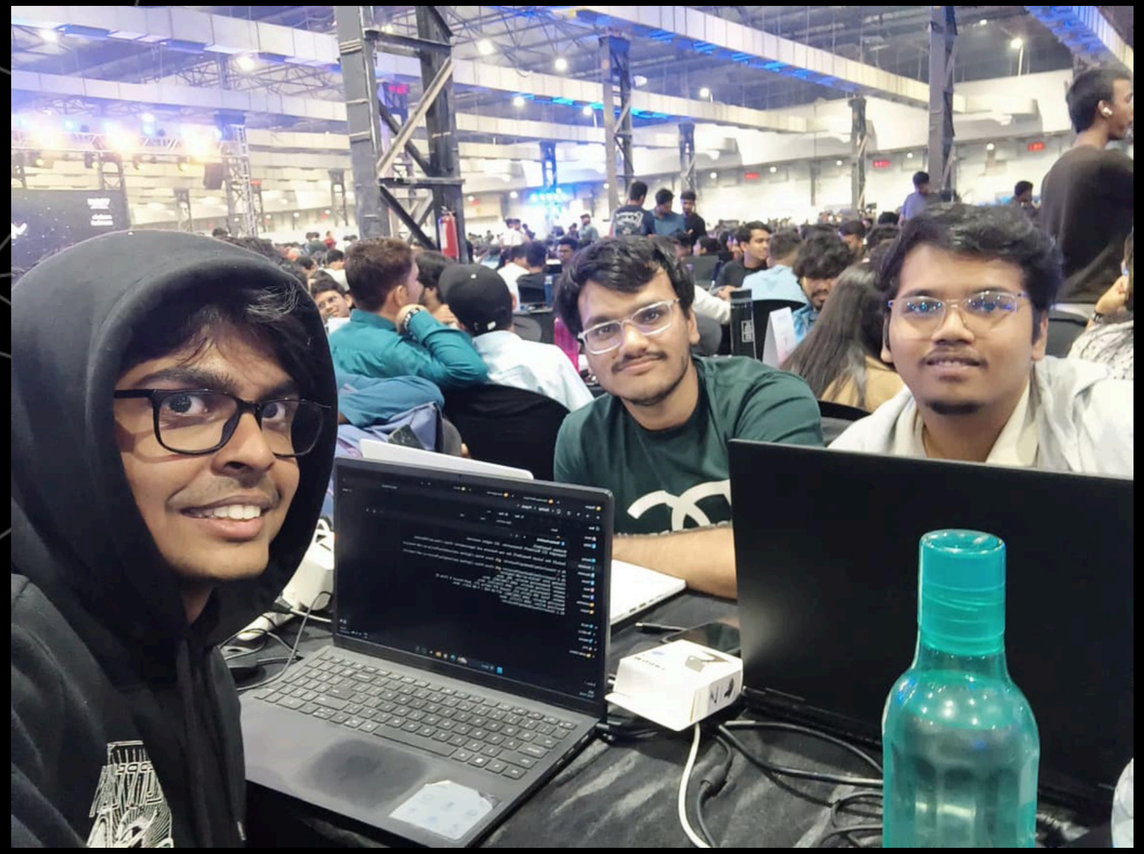

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Problem Statement

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“India is Earning More, But Not Managing Better”

- Only ~27% of Indian adults are financially literate, far below advanced economies (55–75%). Only a subset of these is Financially included (Actively invest)
- Yet markets are exploding: 20+ crore demat accounts as of Aug 2025, led by investors under 30.
- But less than 10% of Indian households actually invest in equities or mutual funds. Awareness is high, action is low.
- Household savings are still concentrated in physical assets (50–70%), with only a small share in market-linked products like mutual funds and direct equity.
- Most retail investors rely on tips, YouTube, influencers, and almost no one reads concall transcripts or deep fundamental data – the stuff that actually matters.

India has a booming investing ecosystem, but most people still make money decisions with low literacy, shallow research, and zero personalized guidance.

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Solution

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An agentic financial coach that thinks like an investment advisor + equity analyst, but is always in your reach.

- Personalized asset allocation - Based on user age, income, existing savings, goals, risk appetite gives a goal-based portfolio split (FDs, debt funds, equity funds, direct stocks, gold, etc.), with reasoning in simple language
- Company research mode - Extracts key metrics from Screener.in (sales growth, margins, ROCE, debt, promoter holding, etc.). Summarizes quarterly results and flags red/green signals in plain English. Checks price history and generates a chart widget inside the app for recent price performance
- **Runs RAG on the latest concall transcript and surfaces what really matters: management commentary, risks, guidance – something retail investors almost never read.**

Solution Demo link: Youtube link

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Tech Stack

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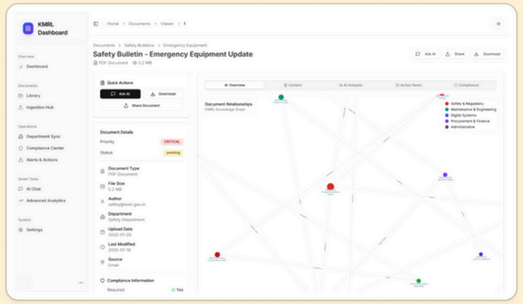
Tech Stack- Web



React Native

TypeScript

Tailwind CSS

React

NEXT.JS

Data

supabase
Database + VectorDB

neo4j
Knowledge Graph

redis
Cache

Tech Stack- Backend

FastAPI

LangChain

OpenAI

Gemini

groq

Model Context Protocol

Ollama

OpenAI
Embeddings

Tesseract OCR

Docling

Deployment

Vercel

Vertex AI

Render

Technology Stack

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Architecture

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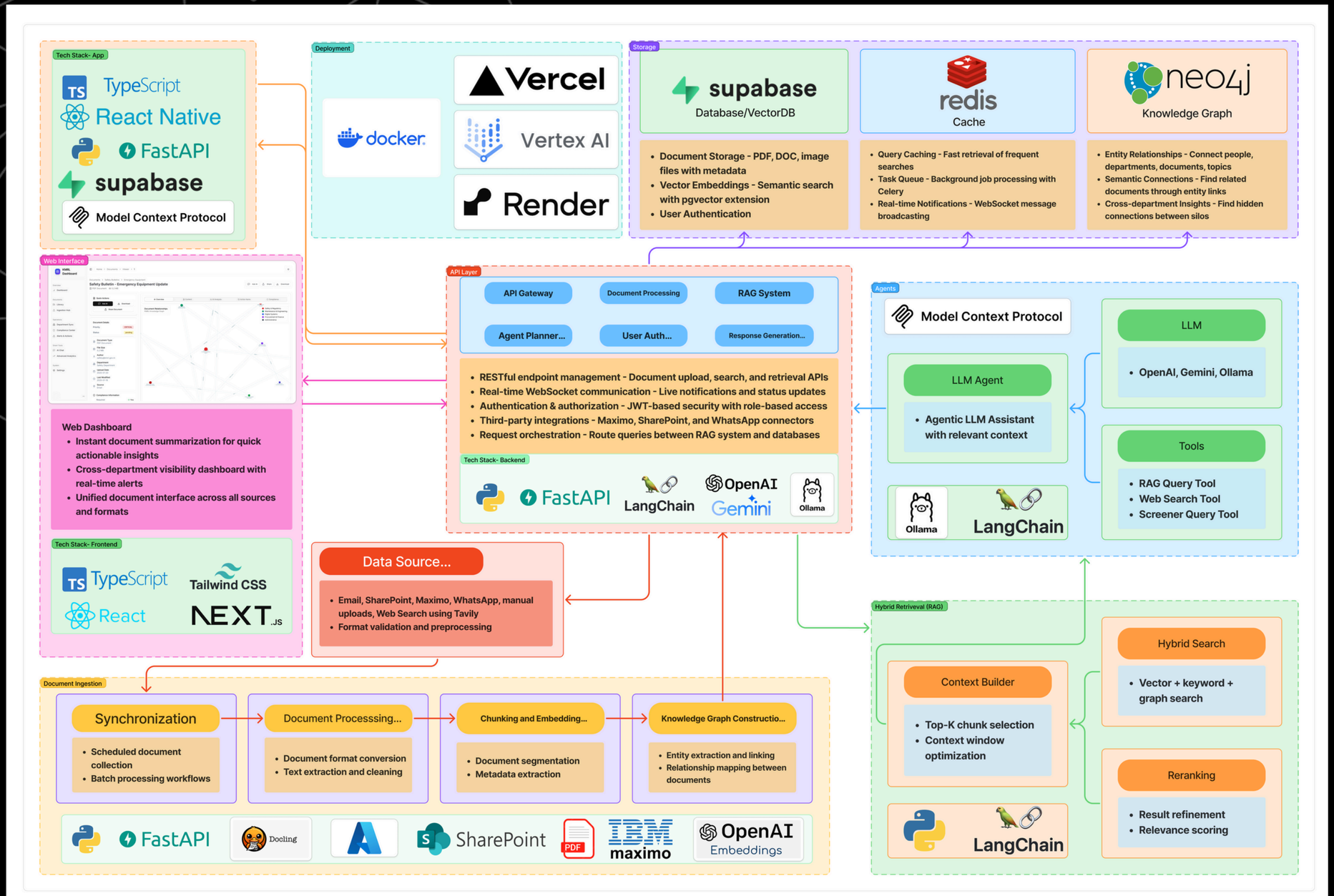

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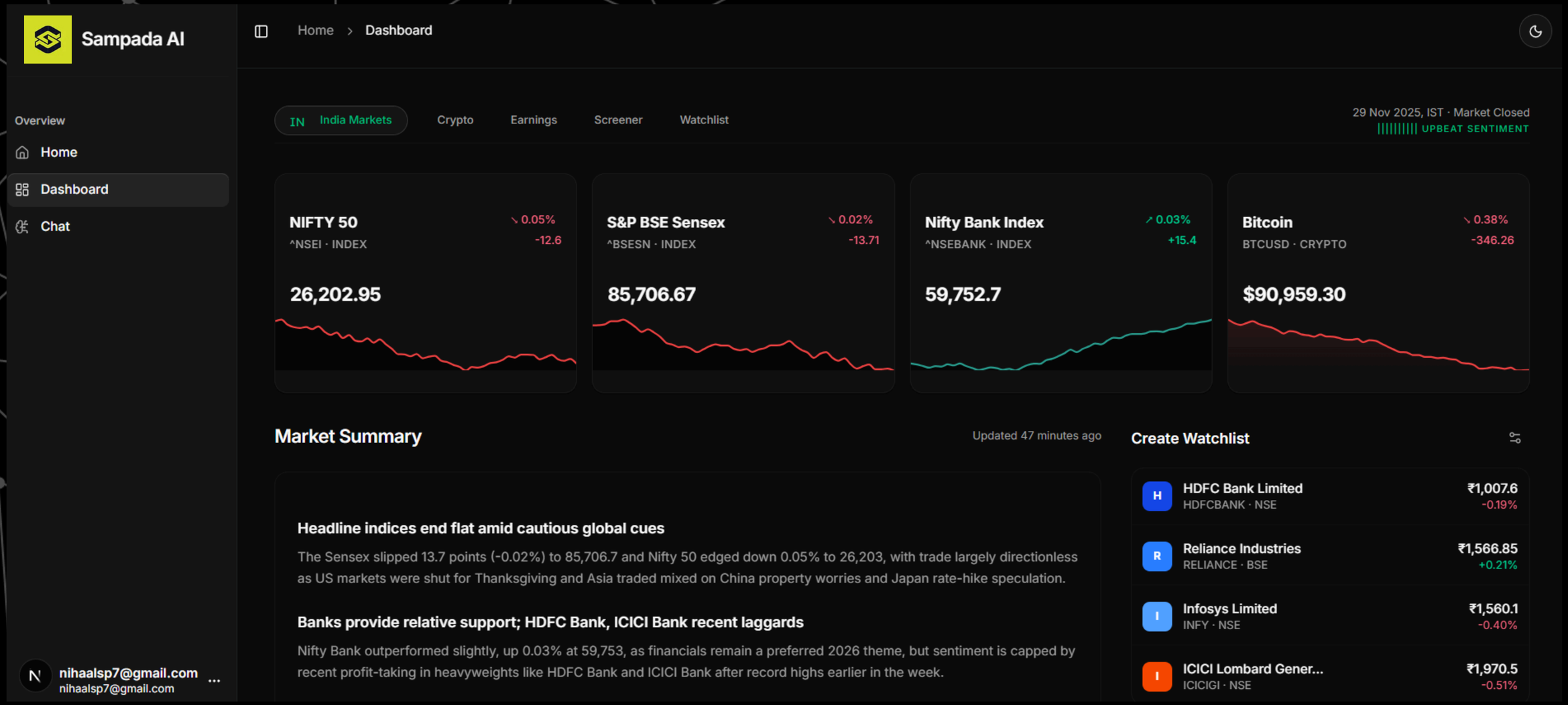

User Dashboard

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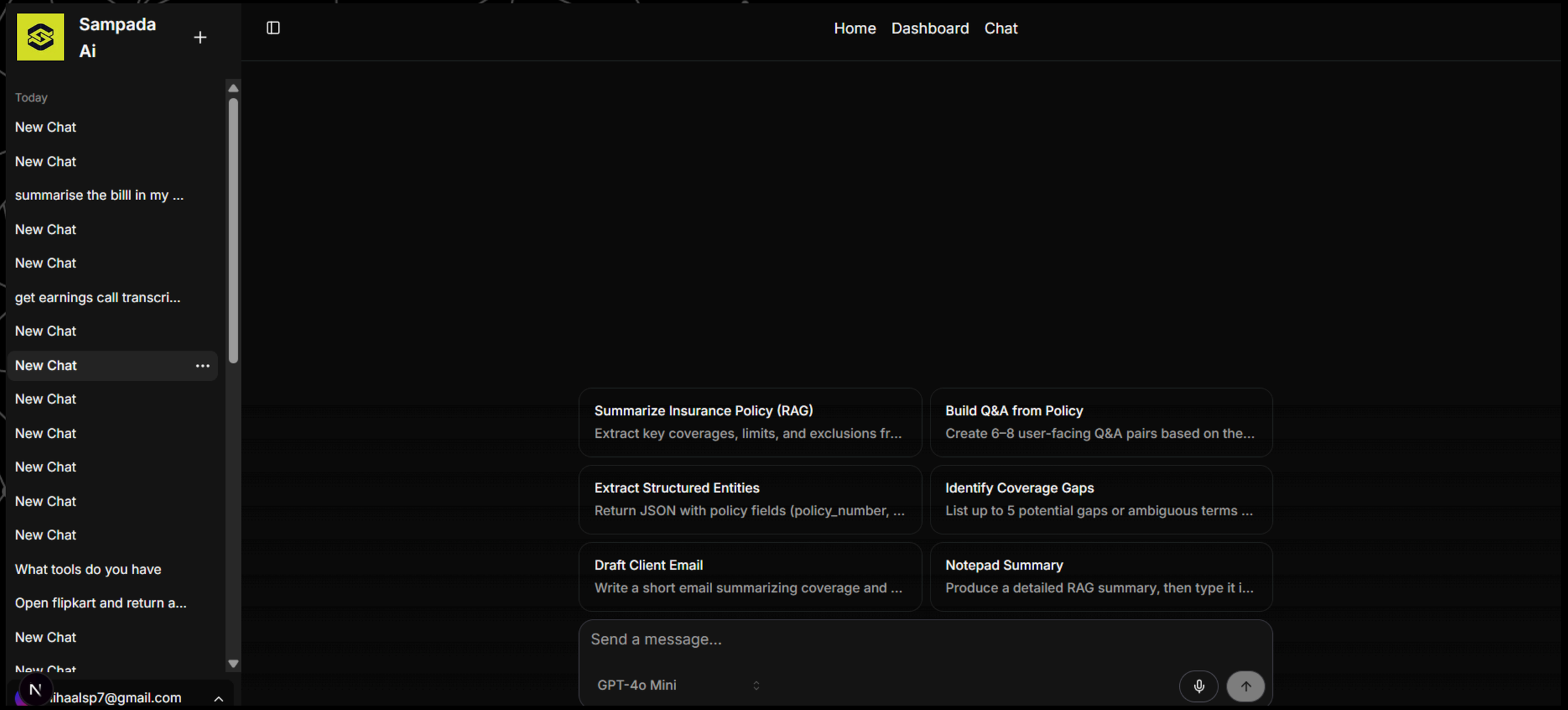

CHAT UI

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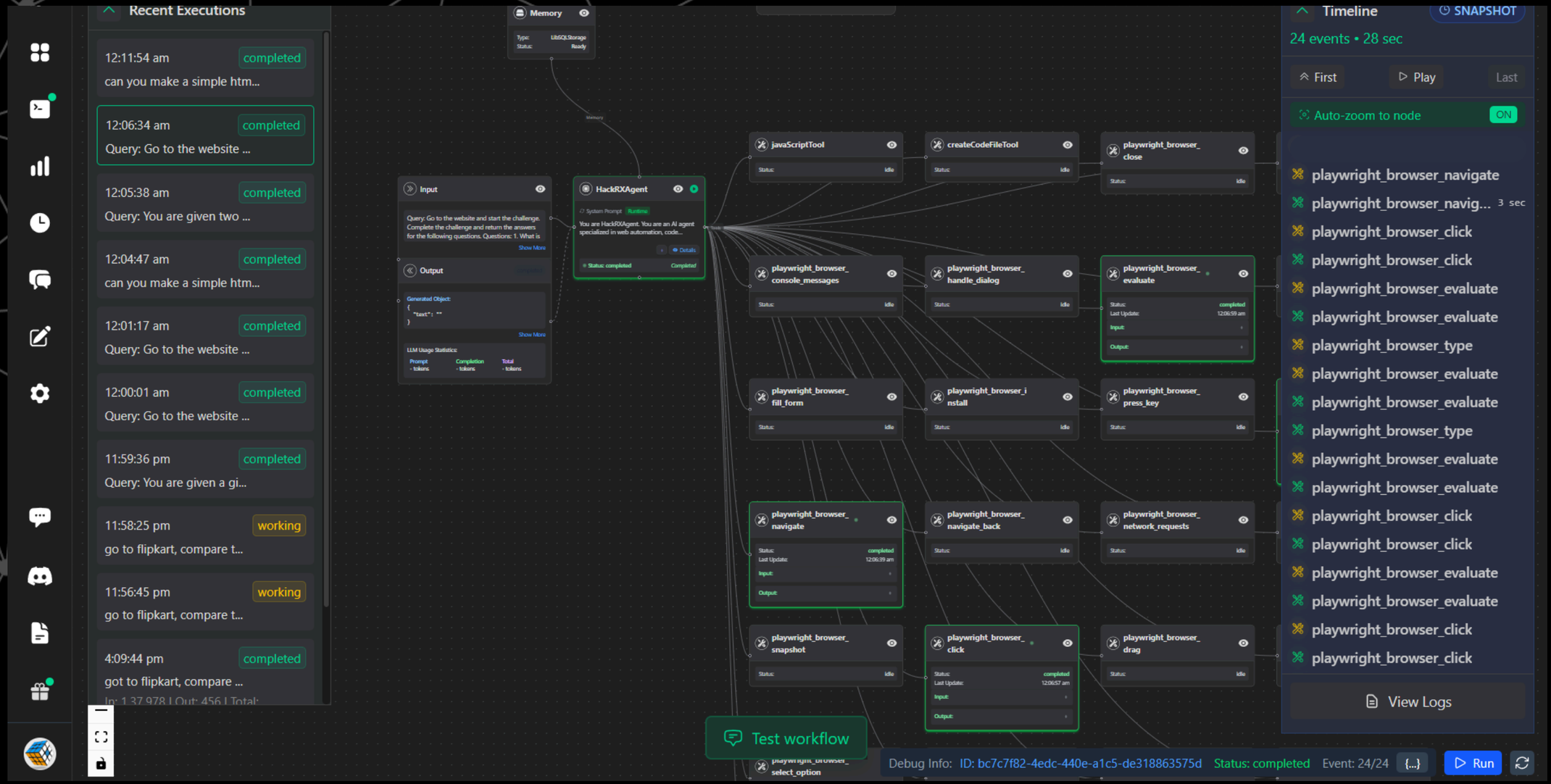

Agentic Observibility

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Business Model

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- Running Ads on the platform - New chat page, Report PDF download
- Partnering with brokers - Recommending their platform in agent advice. ex - Coin by Zerodha for mutual fund advices
- Partnering with corporates - Employee level plans
- Subscription plan model for premium features - Screener query agent, Report PDFs without Ads
- Free Edu plan for college students to spread financial inclusivity and gain traction among new users

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Extra Comments

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- We had multiple other features like Historical Replay, Mermaid Chart visualizer, etc. but weren’t able to implement them due to lots of wifi issues and time constraint.

- Github repo link - https://github.com/nerdylua/MumbaiHacks

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THANK YOU

This was our biggest hackathon attended so far and it was an amazing experience among a crowd this talented and resilient