

Google Cloud

PRESENTS

Agentic AI Day

Build the next generation of intelligent agents

Powered by **H2S**

Team Details

- a. Team name: Gradient Rebels
- b. Team leader name: Mohammad Tarique Anjum
- c. Problem statement: Let AI Speak to Your Money

Brief about the idea : **Wealth Whisperer – Your Personal AI Investment Agent**

Wealth Whisperer is a revolutionary AI-powered financial advisor designed to proactively and intelligently manage your personal investments. Unlike traditional wealth management apps that simply display financial information or generic insights, **Wealth Whisperer** actively evaluates your financial health, monitors real-time market conditions, analyzes news and sentiment, and aligns all these insights with your unique financial goals and risk tolerance.

It doesn't just recommend—it acts. Using seamless integration with the Fi Multi-Channel Payment (Fi MCP) ecosystem, the agent can instantly execute fund reallocations, smartly investing idle funds and optimizing your financial portfolio in real-time.

Opportunities

- How different is it from any of the other existing ideas?

Platform	Passive Dashboards	Smart Reallocation	Personalized Advice	News-Driven	MCP Integration
Groww / Zerodha	✓	✗	✗	✗	✗
Kuvera	✓	✗	Somewhat	✗	✗
INDMoney	✓	✗	✗	✗	✗
Wealth Whisperer	✓	✓	✓	✓	✓

Example:

"If Nifty drops 2%, most apps just display it. Wealth Whisperer alerts the user, explains the market trend in simple terms, recommends a safe Gilt move, provides a Mint article, and executes the transfer with one tap."

Opportunities

- How will it be able to solve the problem?

1. **Eliminates Inaction & Overwhelm:**

Most users don't invest or reallocate funds due to fear, lack of knowledge, or decision fatigue.

→ *Wealth Whisperer* offers ready-to-act, low-friction suggestions, eliminating guesswork.

2. **Reduces Idle Cash & Missed Opportunities:**

Idle money in savings loses value over time.

→ The agent monitors balances and automatically recommends short-term, goal-aligned investments (e.g., debt or gilt funds).

3. **Bridges the Financial Literacy Gap:**

Many users don't understand when or why to move money.

→ The agent uses news-backed explanations and plain-language rationale to educate while acting.

4. **Aligns Daily Behavior with Long-Term Goals:**

Users often overspend or pause SIPs without realizing the long-term impact.

→ The system tracks goal progress and nudges users when habits derail financial plans.

5. **Provides 24/7 Intelligent Support:**

Most wealth advisors aren't accessible in real-time.

→ *Wealth Whisperer* is an always-on AI agent—giving timely advice as markets or user contexts shift.

Opportunities

- USP of the proposed solution

1. **Proactive, Agentic AI**

Not just an advisor—it's an autonomous agent that **thinks, explains, and acts** based on your financial goals, risk profile, and market changes.

2. **Personalized, Goal-Aligned Investing**

Every suggestion is deeply tailored to your lifestyle goals (e.g., “Europe 2026” or “Emergency Fund”)—not generic fund tips.

3. **News-Backed, Explainable Recommendations**

Every action is supported by **real-time news and market sentiment**, explained in plain language so users trust and understand every move.

4. **Instant Execution via Fi MCP**

With one tap, the agent **executes investments or fund reallocations in real-time**—eliminating friction and manual steps.

5. **Transparent, Zero-Commission Guidance**

No hidden agendas, no product pushing—just unbiased, **fiduciary-like advice**, focused on what's best for the user.

6. **Always-On Companion**

Available 24/7 to monitor, suggest, and act—even when you're offline or distracted.

List of features offered by the solution

1. Smart Monitoring & Insights

- ✓ Real-time tracking of market trends, Nifty movements, and sentiment
- ✓ Continuous assessment of user financial behavior and spending patterns
- ✓ Detection of idle funds and missed investment opportunities

2. Personalized Recommendations

- ✓ Goal-based, risk-aligned fund suggestions (e.g., SIP, Gilt, Debt)
- ✓ Proactive rebalancing based on market conditions
- ✓ Contextual financial advice (e.g., “Consider shifting funds during volatility”)

3. News-Backed Explanations

- ✓ Curated articles from trusted financial sources (Mint, MoneyControl, etc.)
- ✓ Summarized insights using LLMs to explain complex topics simply
- ✓ Justification for every recommendation—builds user trust

4. Instant Execution via Fi MCP

- ✓ One-tap approval for fund reallocation or investment
- ✓ Smart rules (e.g., auto-transfer idle cash if above ₹X threshold)
- ✓ Seamless integration with Fi for real-time fund movement

5. Intelligent Nudges & Alerts

- ✓ Friendly reminders for paused SIPs or underfunded goals
- ✓ Gentle nudges based on life events (“Want to boost your Diwali savings?”)
- ✓ Budget deviation alerts with suggestions

5. Goal Tracking & Visual Progress

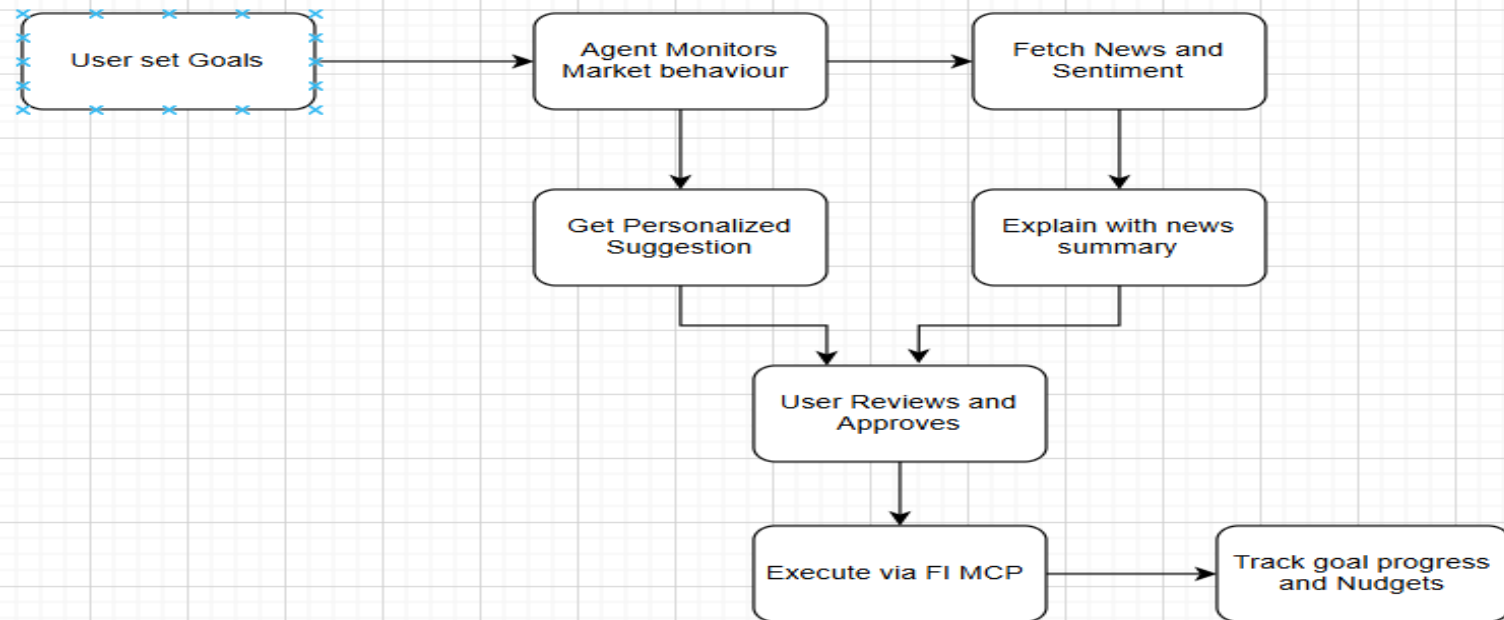
- ✓ Create, view, and modify multiple financial goals
- ✓ Track monthly contribution, growth, and target completion rate
- ✓ Get rewarded with motivational nudges and insights

6. Security & Transparency

- ✓ No commission-based advice—fully user-centric
- ✓ Encrypted API communication with Fi MCP and storage systems

- ✓ Privacy-focused: data stored securely with user control

Process flow diagram or use-case diagram



Technologies to be used in the solution



AI & Recommendation Engine



OpenAI

Personalized investment suggestions using LLMs



Gemini API

Lightweight generative Alternative



Transformers

NLP modeling and summarization



sentence-transformers

Embed financial news for analysis



Data & Storage



PostgreSQL

Structured DB (local/prod)



SQLite

Lightweight prototyping DB



Firestore

NoSQL DB for user goal's and actions



BigQuery

Advanced analytics on investment behavior



Cloud Storage

Temporary or archived document storage



User Interface

Streamlit

MVP dashboard with interactivity and visuals



Backend Services



FastAPI

High-performance backend API



Flask

Lightweight web backend for serving logic



python-dotenv

Securely manage AKes locally



Secret Manager (GCP)

Cloud-level secret storage



External Integrations



NewsAPI

Real-time financial headlines



MoneyControl RSS

Reliable Indian financial news



Alpha Vantage

Market data (stocks, indicators)



FI MCP API

Trigger secure, real-time fund reallocations & payments



Automation & Background Processing



Cloud Scheduler

Scheduled news pulls, nudges



Pub/Sub

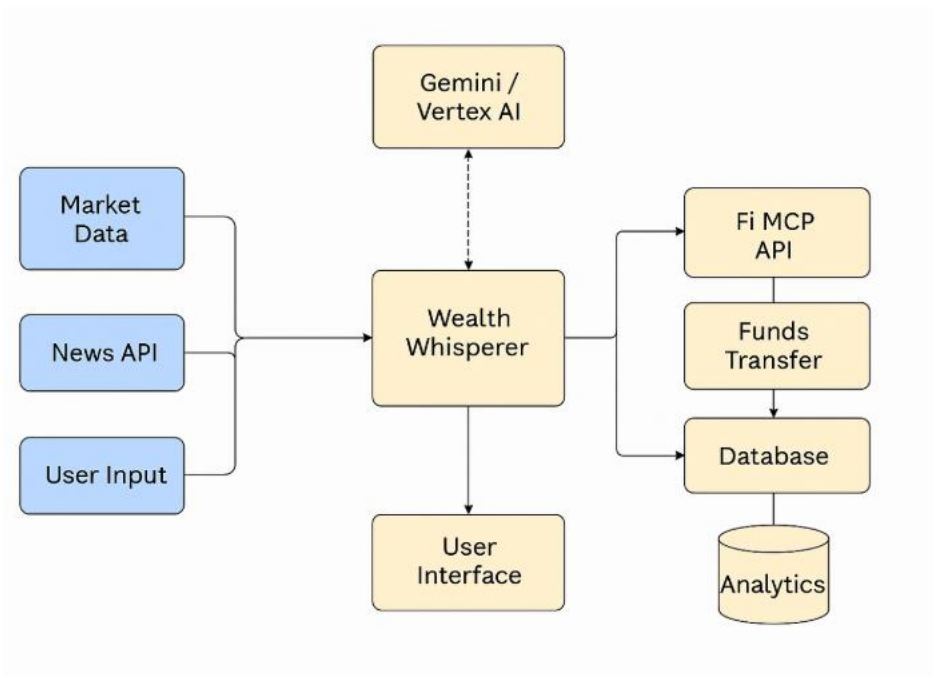
Messaging & triggering actions



Cloud Functions

Lightweight event-driven task execution

Architecture diagram of the proposed solution



Wireframes/Mock diagrams of the proposed solution (optional)

Wealth Whisperer

[Settings/Profile](#)

Dashboard

[Set Investment Goals](#)

Account Balance

Current Goals

Recent Activity

Set Investment Goals

Goal

Time Frame

Risk Level ▼

Fund

AI Recommendation

Shall I move ₹3K from your idle savings to Gilt Fund for 3 months?

ApproveReject

News Insight

Nifty move ₹3K experienced volatility this week ahead of...

Track Insight

Europe 2026

40%

Nudges & Notifications

Your MacBook SIP is paused due to overspending this month

News Insight

ApproveReject

Track Goal Progress

[Secure Auth/Login](#)



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Thank you!

