



CODECELL-CMPN, VESIT

SYRHS HACKATHON 2025

Category Code: C3

Problem Statement Title:Creating an all-in-one platform for startups, simplifying financial planning for new enterprises, and seamlessly connecting investors with SMBs

Team Name: Job Blowers

Institute Name: Vivekanand Education Society's Institute of Technology



Idea / Approach details

Problem Statement



Overwhelmed by fluctuating revenue and unclear loan terms, Rohan is unsure how to secure funding.



Frustrated by a lack of financial transparency, Nirmala struggles to find promising startups.



Rohan uses the platform to receive personalized loan suggestions, cash flow strategies, and investor matches.



Nirmala accesses AI-driven financial reports, helping her discover trustworthy startups to invest in.



Rohan secures funding, Nirmala makes a profitable investment, and the platform bridges the funding gap.

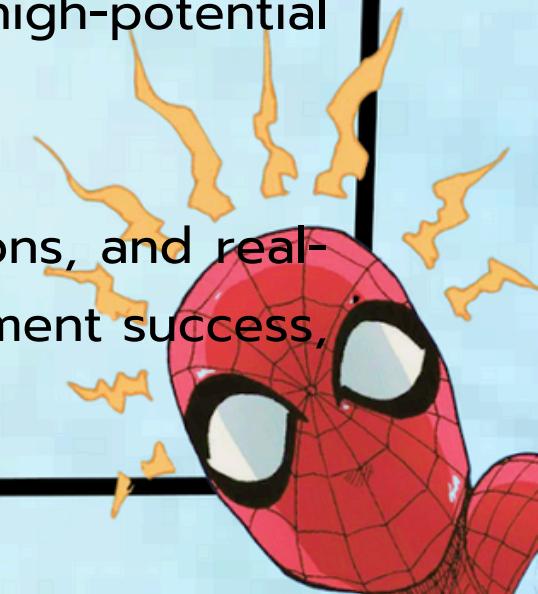
Our proposed Solution



Finsight AI

Your New Financial Co-Founder

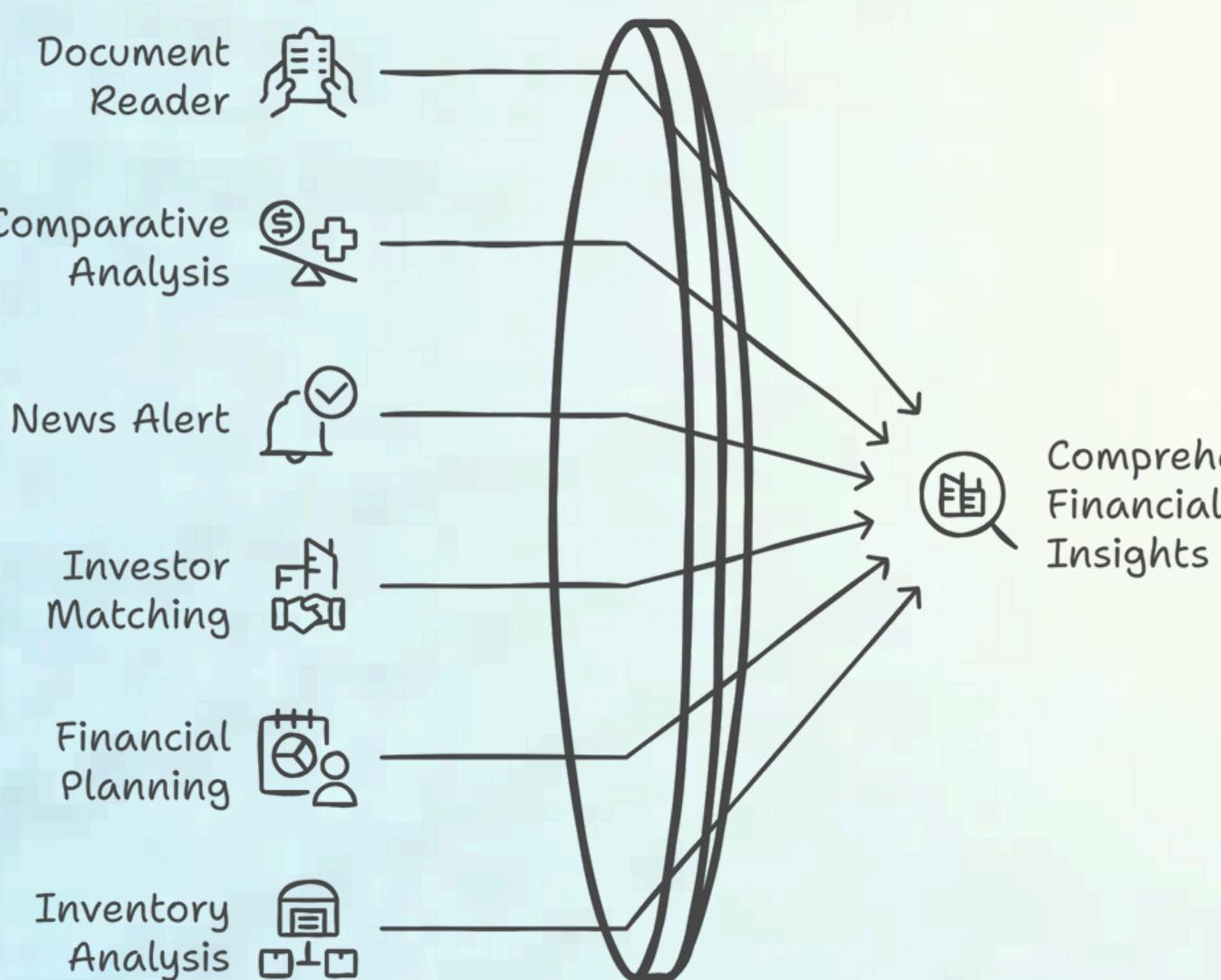
- FinsightAI is an **AI-powered platform** that simplifies **financial planning** for startups and connects them with the right investors.
- It provides **data-driven loan recommendations, cash flow management, stock optimization, and credit risk analysis**, ensuring startups make informed financial decisions.
- With AI-driven **investor matchmaking**, real-time **market insights**, and **automated financial planning** tools, startups can optimize growth while investors gain access to transparent, high-potential opportunities.
- By leveraging **predictive analytics**, smart recommendations, and real-time alerts, FinsightAI enhances **financial stability**, investment success, and business growth in a rapidly evolving market.



Innovation

AI AGENT DIAGRAM

AI-Driven Financial Analysis



- **Loan & Credit Optimization**

Unlike traditional lending platforms (e.g., Kabbage), Finsight AI analyzes financial history and provides personalized loan recommendations based on AI models. Predicts credit risk and suggests strategies to improve credit scores.

- **Intelligent Cash Flow & Investment Management**

Uses AI to predict cash surplus/deficits and suggest investment or cost-cutting measures. Recommends short-term investments (FDs, bonds, mutual funds) for surplus funds.

- **Smart Stock & Inventory Optimization**

Real-time stock tracking with AI-based demand forecasting to suggest optimal inventory refilling. Analyzes supplier pricing trends to help businesses optimize costs.

- **Agent Backed Investor Matching**

Finsight AI matches startups to investors dynamically based on historical investment patterns and startup financial health.

Personalized investment insights for investors to reduce risks.

- **AI-Powered News & Market Intelligence**

Keeps startups updated on market trends and competitor moves in real time. AI-curated news alerts help businesses make data-driven decisions.

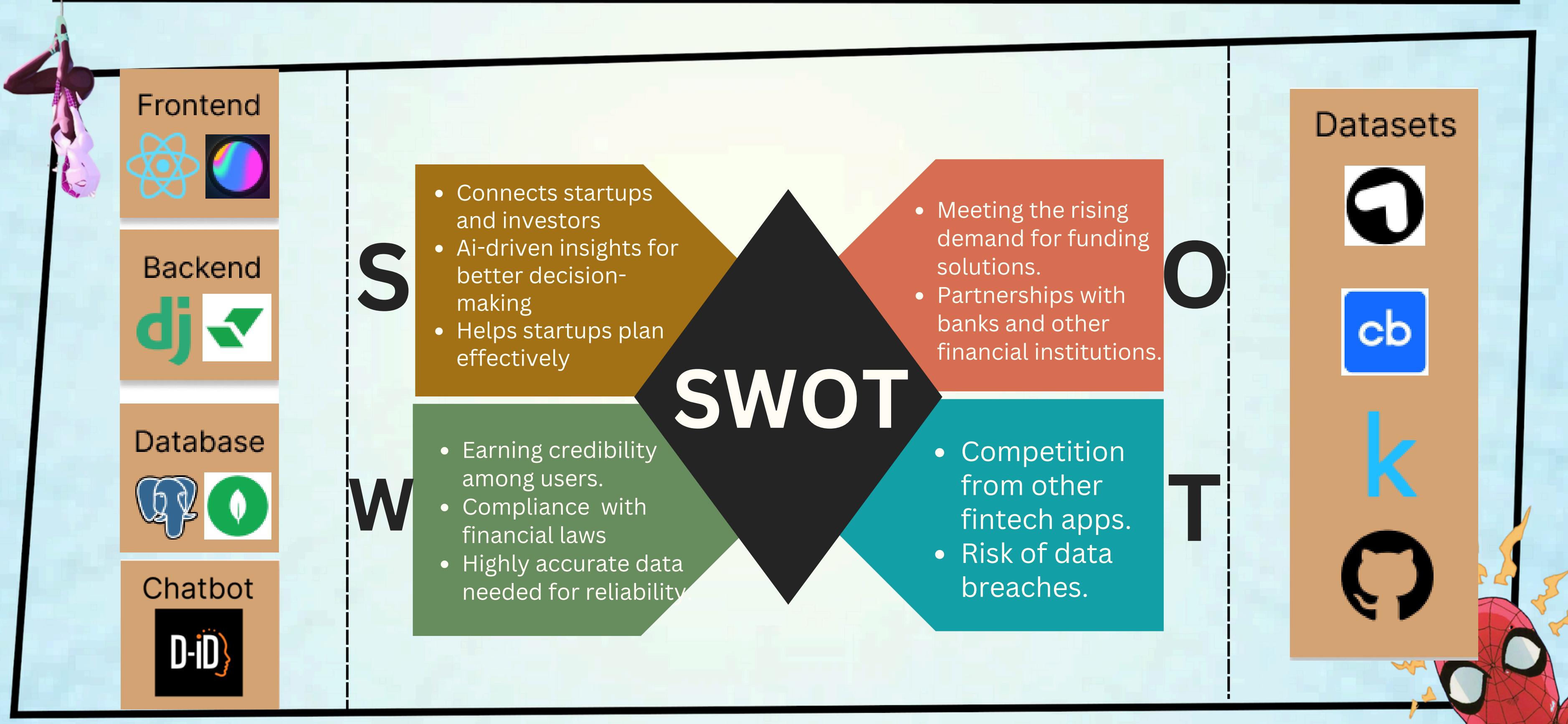
- **Seamless Uptiq AI Integration**

Uses Agent-as-a-Backend (AAB) service to dynamically generate JSON outputs and update UI in real-time.

- **3D Avatar-Based Chatbot Assistant**

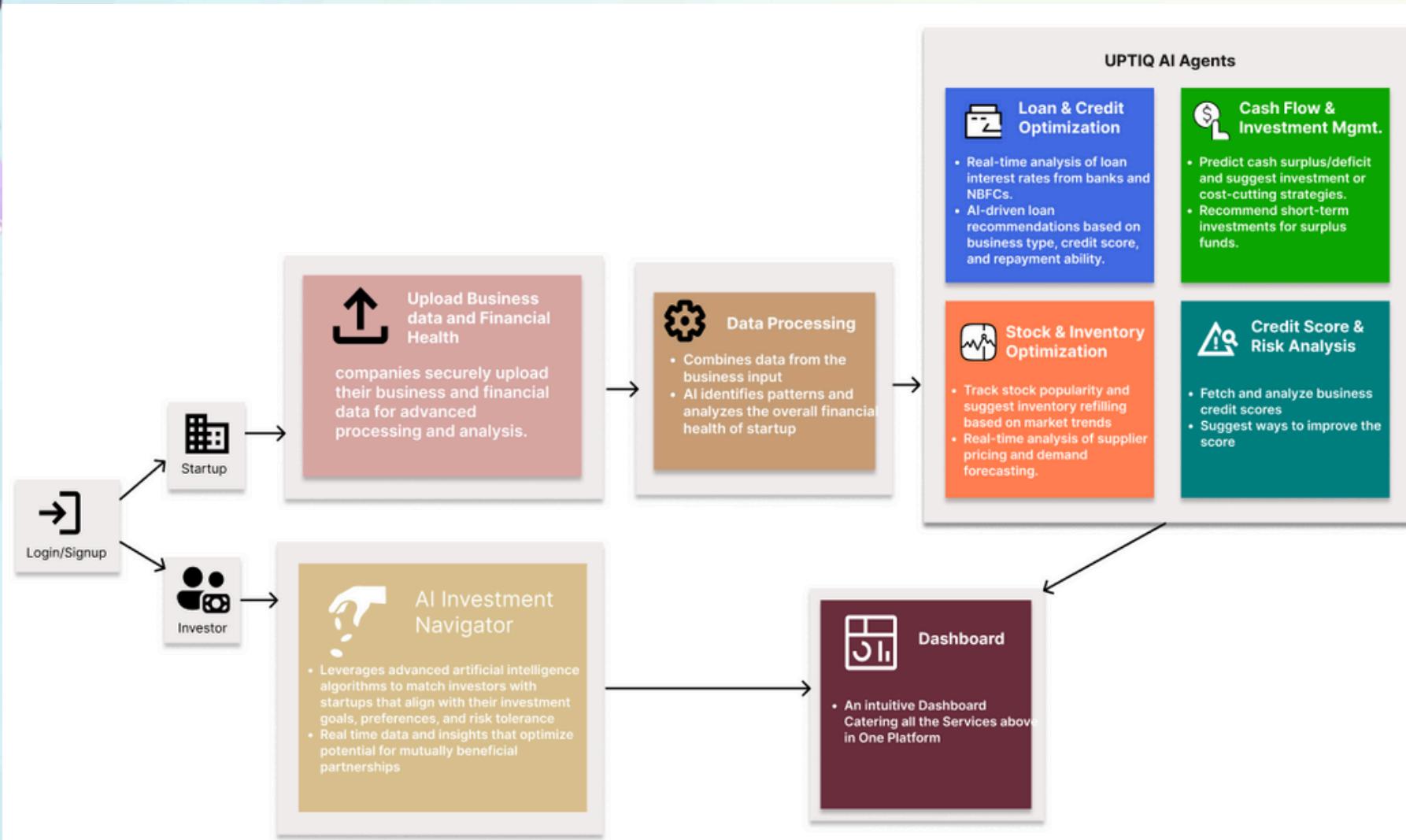
AI-powered interactive chatbot with a 3D avatar. Provides human-like conversations for financial guidance & investor queries. Integrated voice lip-syncing (VAPI) for realistic AI-driven interactions.

Tech Stack

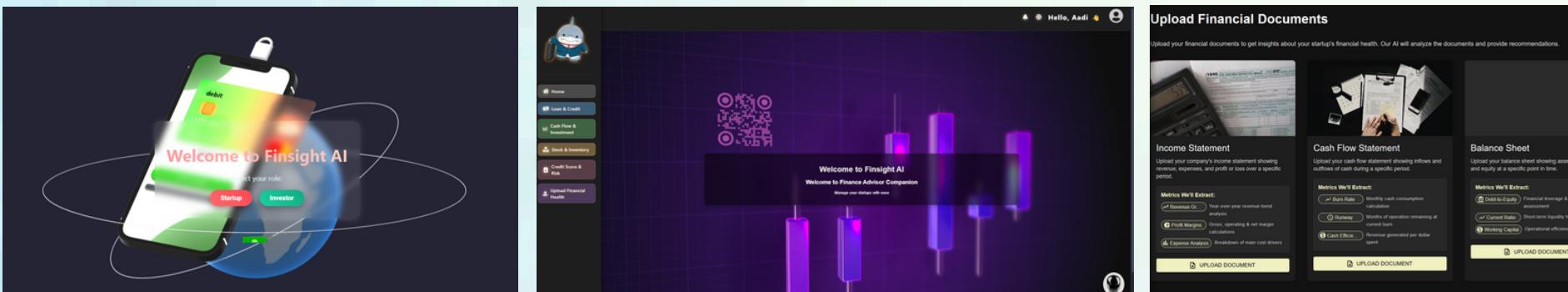


Implementation/Prototype/Use Case Diagram

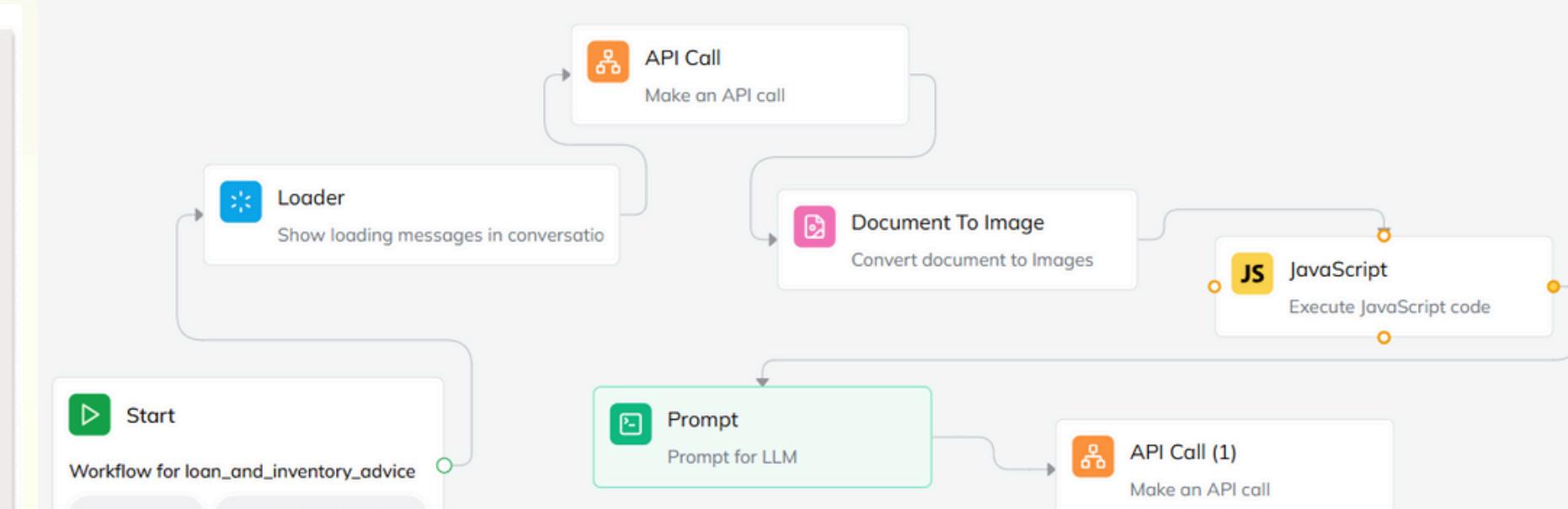
FLOWCHART



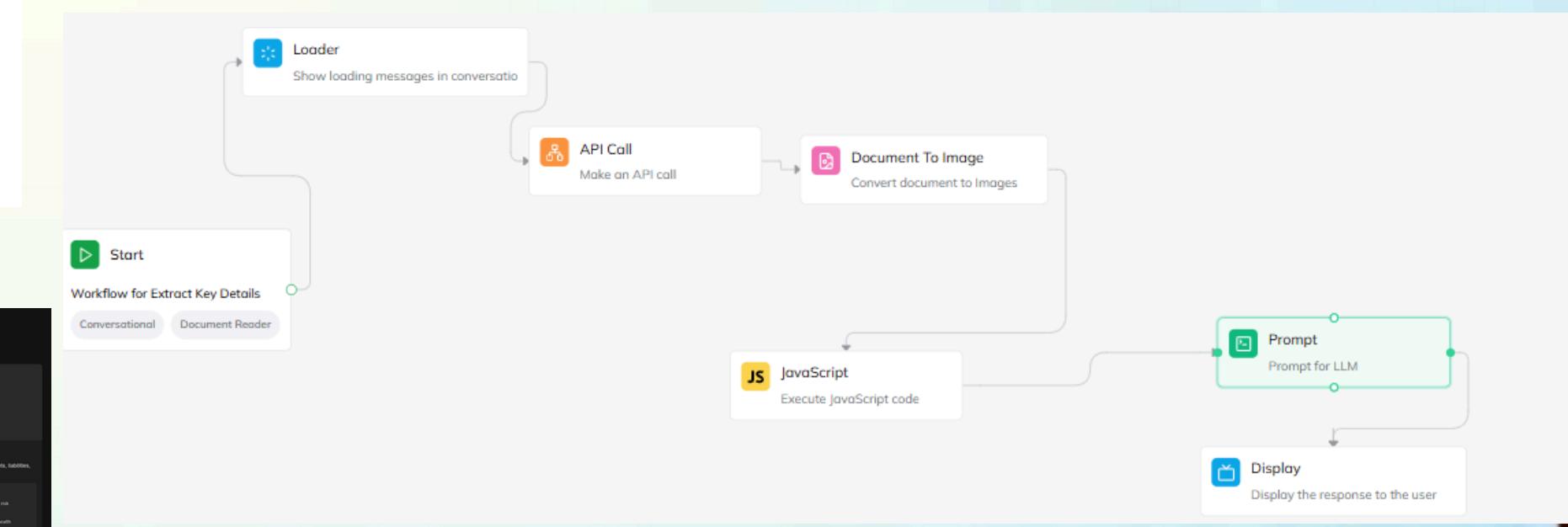
PROJECT SCREENSHOTS



INTENTS WORKFLOW



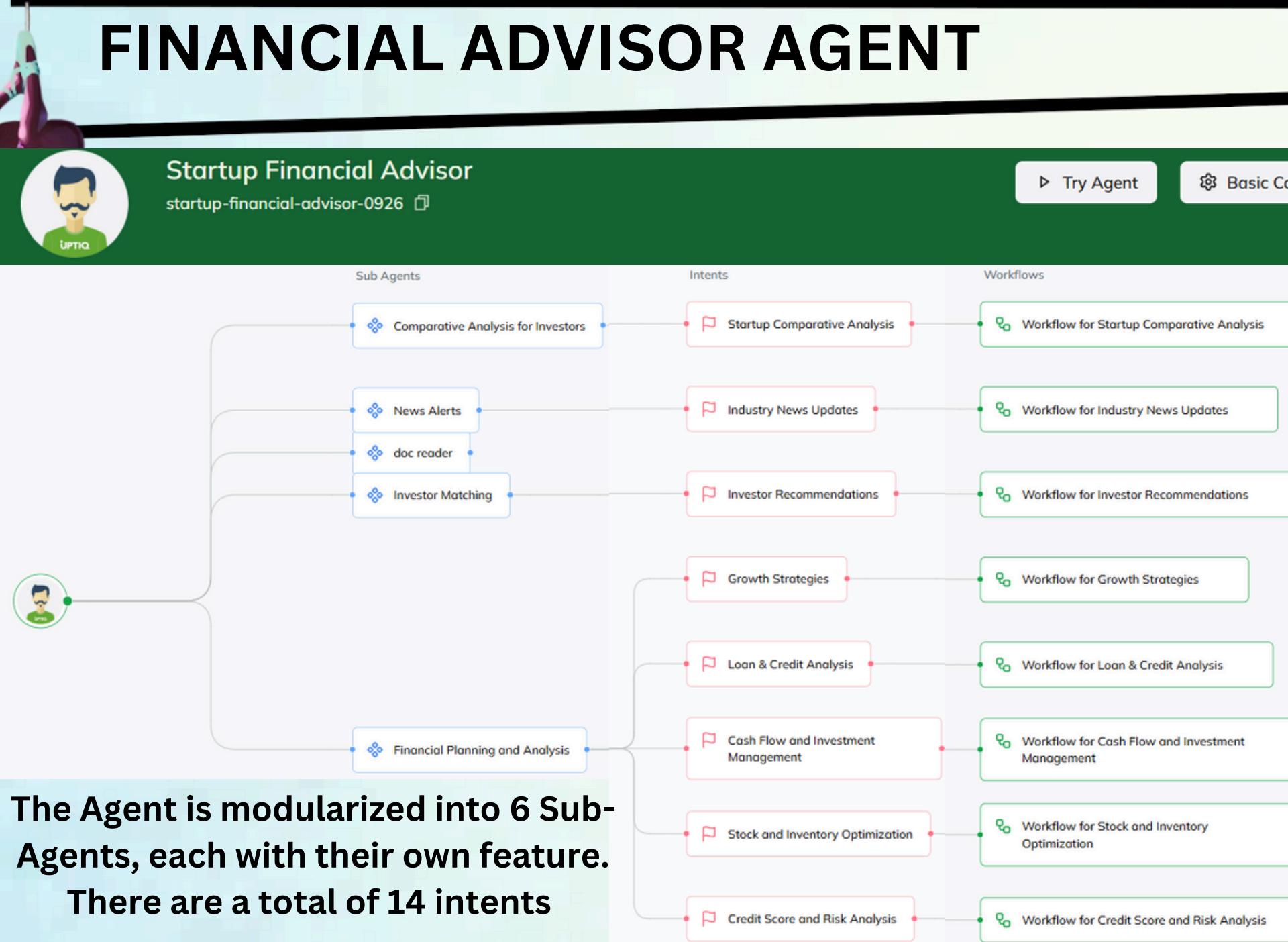
Workflow for Stocks and Investor Advisor, the subagent fetches data from backend, processes it and sends advisory data back to the backend so that React can fetch and display the data.



Workflow for Document Upload, the subagents take 3 documents, Income Statement, Cash Flow Statement and Balance Sheet

Uptiq Agents

FINANCIAL ADVISOR AGENT



AGENTS ANALYSES THESE METRICS BY THESE FOLLOWING DOCUMENTS

- 1) INCOME STATEMENT
- 2) CASH FLOW STATEMENT
- 3) BALANCE SHEET
- 4) MARKET DATA THROUGH HISTORICAL DATASET

Subagents:

1. Comparative Analysis for Investors

- a. **Output** - Analyzes and compares different startups based on key financial metrics.

- b. **Parameters used** : Revenue, Gross Profit, Operating Profit, Net Income

2. Industry News Updates

- a. **Output** - Provides updates on industry trends and competitor activities to help startups stay informed.

- b. **Parameters used**: Competitor Financial Moves, Market Trends, Regulatory Alerts

3. Investor Matching

- a. **Output** - Suggests **potential investors** who are genuinely interested in startups, based on their **investment history** and habits.

- b. **Parameters used**: Startup financial profile + Investor preferences

4. Financial Planning and Analysis

- a. **Growth Strategies** - Provides recommendations based on widely implemented business strategies and guides startups in **budgeting and resource management** using AI-based tools.

- b. **Loan & Credit Analysis** - Offers AI-driven **loan recommendations**, identifying banks with the best interest rates for startups.

- c. **Cash Flow and Investment Management** - Predicts cash surplus or deficit and suggests investment or cost-cutting strategies, including recommendations for **short-term investments** like FDs, bonds, and mutual funds.

- d. **Stock and Inventory Optimization** - Tracks stock popularity and suggests **inventory refilling** based on market trends,

- e. **Credit Score and Risk Analysis** - Fetches and analyzes business credit scores and optimizes them.

Future Objectives

- **SEAMLESS WORKFLOW INTEGRATION -**
 - INVESTORS AND STARTUPS CAN COMMUNICATE, SCHEDULE MEETINGS, TRACK PROGRESS, AND SHARE DOCUMENTS EFFORTLESSLY
- **CROSS-BORDER STARTUP FUNDING -**
 - BLOCKCHAIN-BACKED MULTI-CURRENCY TRANSACTIONS WITH REGULATORY COMPLIANCE.
- **BLOCKCHAIN-POWERED FUNDING & COMPLIANCE -**
 - SMART CONTRACTS FOR SECURE, AUTOMATED, AND TRANSPARENT FUNDING.
- **PITCH DECK**

PITCH DECK THAT PROVIDES INSIGHTS INTO PRESENTATIONS AND FINANCIAL OVERVIEWS FOR INVESTORS

