SYRUS HACKATHON 2025

Category Code: C3

Problem Statement Title: SeedLings

Team Name: FireFlow

Institute Name: Vivekanand Education Society's Institute of Technology

Idea / Approach details

As per report, [Study On Financial Problems Faced By New Start-Up](#):

1. Startups seeking investment often **struggle with credibility and financial validation**.

2. Investors, face challenges in **assessing the legitimacy and financial health of startups.**

Solution:

1. **Dynamic Credibility Score Generator Powered by Uptiq AI**

2. **Dynamic Trust Score Generator Powered by Uptiq AI**

3. Matching Right Startup to Right Investor

4. Some Additional tools to help out startups
   a. **Debt Optimization**
   b. **Loan Assessment**
   c. **Document Validation**

Implemented Features: Refer this doc for outputs (Link)

Agents for Startups:
1. Calculate **Credibility score** on:
   a. Financial metrics
   b. Operational metrics
   c. Market and competitive data
   d. Team and qualitative factors
2. **Debt Equity Optimization** using balance sheet and debt equity history
3. **Loan Assessment Tools** using ITR
4. **Risk Assessment**
5. **Financial Document Validation**
6. **Market analysis** via RAG dataset

Agents for Investors:
1. **Investor Trust scoring** on:
   a. Investment History
   b. Social Media presence
2. Getting **recommended startups to invest**

Shared Features:
1. **Matchmaking of Investor and Startups**
2. **Scheduling meeting** between interested parties

Innovation and Technologies used
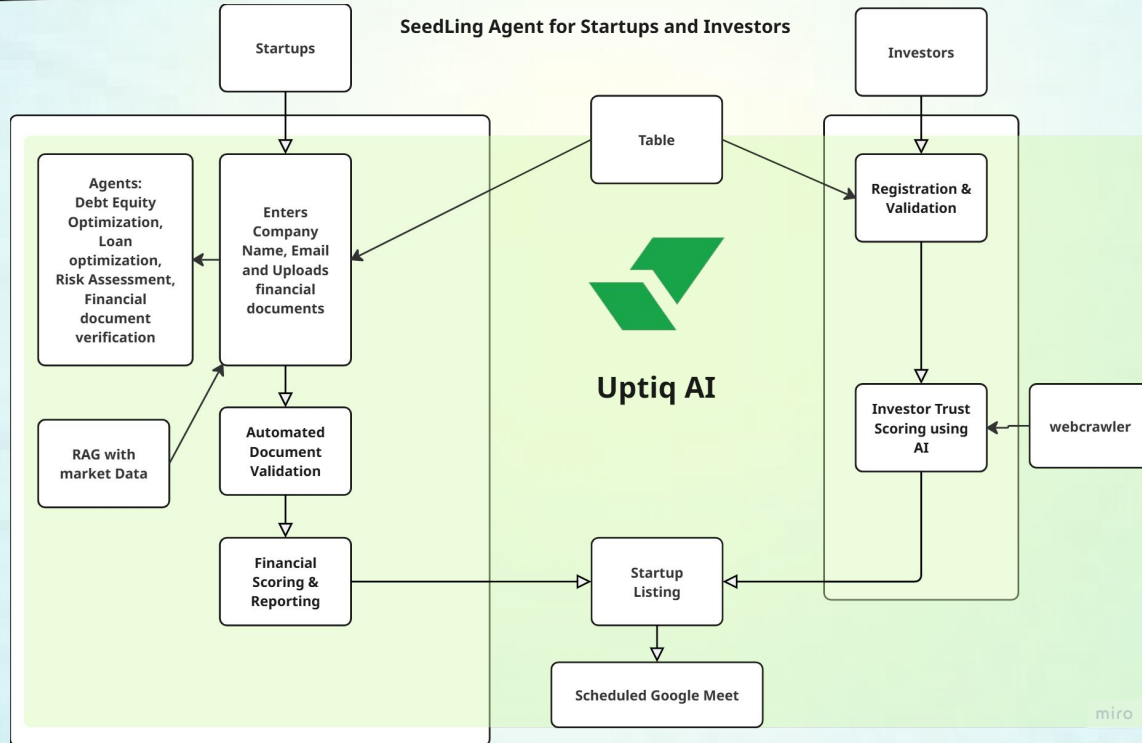
Innovation :
1. Intelligent Startup-Investor Matchmaking Powered by Uptiq AI
2. Investors can schedule zoom calls with their chosen startup
3. AI-Driven Credibility and Trust Scoring to fill the trust gap between startups and investors
4. Documents Validation for startups to identify the hidden false patterns & mistakes

Technology Used : Uptiq Console
1. Nodes used : Input, Output, Loader, Javascript, Document Upload, Fetch Document, Document to Image, Prompt
2. Additional Nodes :
   - Workflow(to connect child workflow)
   - Intent Classifier(to classify between investor and startup intent in workflow)
   - Web Crawler(to get investor online presence data)
3. Additional services : RAG database, Tables, PII, Data Store

Flow Diagram

SeedLing Agent for Startups and Investors

Startups

Investors

Table

Agents:
Debt Equity Optimization, Loan optimization, Risk Assessment, Financial document verification

Enters Company Name, Email and Uploads financial documents

Registration & Validation

Uptiq AI

RAG with market Data

Automated Document Validation

Investor Trust Scoring using AI

webcrawler

Financial Scoring & Reporting

Startup Listing

Scheduled Google Meet

miro

Code and Demo Video

Video :

https://youtu.be/eDKrjED0zlo?si=rWSV8CIWKEH5rSwC

Github Link :

https://github.com/CMPN-CODECELL/Syrus2025_FinTechinStartups_FireFlow/upload/main

Business Model & Future Scope

Key partners: Startups and Investors

Business Idea:

1. Startups and Investors can pay 1% of investment as brokerage amount for connecting the startups and Investors
2. Premium membership to get early access of investors to startups or vice versa
3. Charges for additional Agent Features of scheduling quick meetings between startups and investors

Future Scope:

1. Integrating Meeting node instead of using external Meeting API
2. Creating APIs to directly fetch real time from a company
3. Automating financial document creation from database