



CODECELL-CMPN,VESIT

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 :

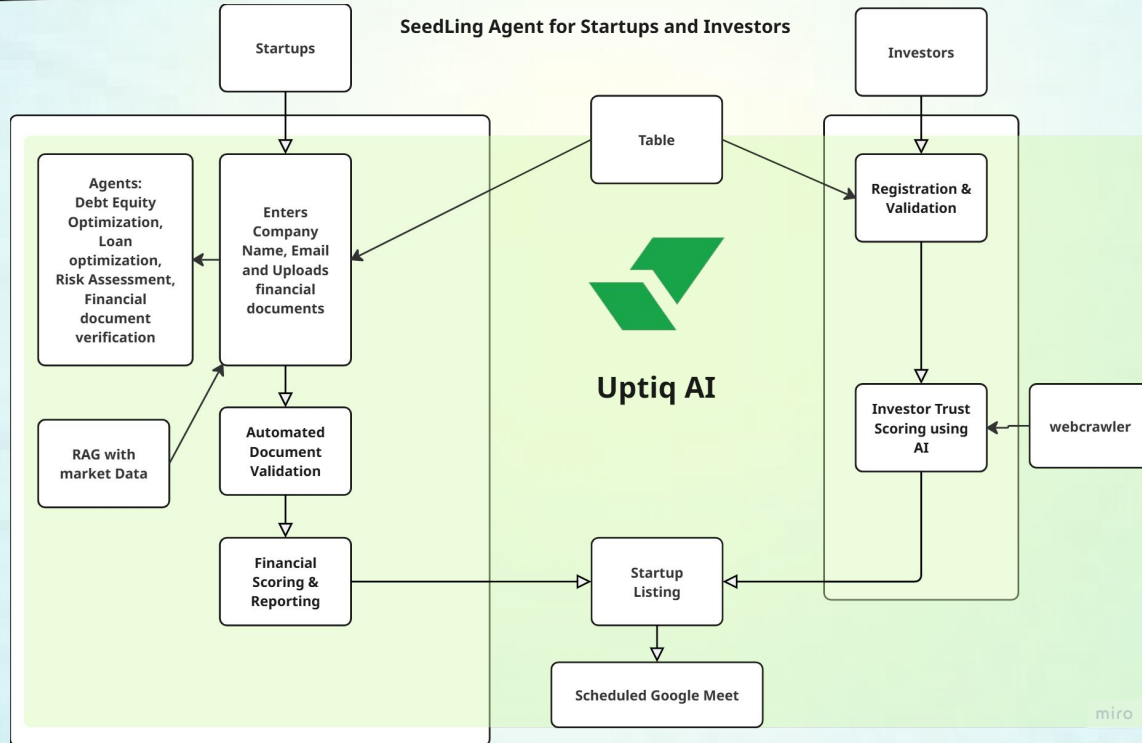
1. Intelligent Startup-Investor Matchmaking Powered by Uptiq AI
2. Investors can schedule zoom calls with their chosen startup
3. AI-Driven Credibility and Trust Scoring to fill the trust gap between startups and investors
4. Documents Validation for startups to identify the hidden false patterns & mistakes

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



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

