

# SUPER 40 WINTER INTERNSHIP

## Project – TradeSim

### PROBLEM STATEMENT



New learners often face challenges in understanding financial markets due to high entry risk, complex strategies, and lack of transparent guidance on how trading decisions are made.

Traditional learning methods provide limited interaction, no real-time practice, and do not explain why certain strategies work—making it harder for users to build confidence.

# 1

# 2

### RESEARCH AND IDEATION

We observed the need for a safe, interactive platform where users can trade with virtual money, understand market behavior and access explainable AI insights. A collaborative learning space was also essential.



### VALUE PROPOSITION

# 3

- Risk-free trading with real-time data
- AI-driven strategy analysis with XAI visualizations
- Chain-of-thought style explanations for easy understanding
- Group trading rooms for teaching, training, and competitions
- Low-cost, hands-on learning for all users



### PROPOSED SOLUTION

# 5

# 4

- **Trade Sim** is a robust, interactive trading simulation platform developed at the **IEM CEDS**.
- Trade Sim offers virtual trading, AI-backed recommendations, transparent XAI insights, and a room system for monitored group sessions.
- Link: <https://tradesim-aiml.iem.edu.in/>



### POTENTIAL IMPACT

Trade Sim can transform how users learn trading by:

- Making AI-driven insights **transparent and beginner-friendly**.
- Enabling group-based learning for **universities, training centers, and competitions**.
- Allowing thousands of learners to practice safely before entering real markets.
- Providing educators with tools to monitor performance and guide students effectively.
- Boosting financial literacy and producing **more confident, informed traders**.

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