Project Documentation

# Project Title

CFO Helper – Bringing Clarity to Complexity

# Team Details

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# Problem Statement

Managing money is tough — whether for a startup, a student fest, or a small business.  
Key challenges include:  
- Can I survive 6 months if I hire more people?  
- What if I raise prices by 10%?  
- How do I balance marketing, prizes, and hiring?  
  
Existing tools like Excel are either too basic or too complex, and they fail to answer such 'what-if' financial scenarios.

# Proposed Solution – CFO Helper

A smart finance co-pilot that provides clarity in financial decision-making.  
  
Key Features:  
- Interactive sliders for hiring, spending, and pricing.  
- Instant financial impact shown in dynamic charts.  
- Mini reports that can be easily shared.  
- Flex-price model: pay per simulation/report.  
- Live data pathway integration for real-time accuracy.

# Methodology & Implementation

- Frontend: React + Tailwind CSS (responsive, clean UI).  
- Charts: Recharts for dynamic data visualization.  
- Backend: FastAPI (Python) / Node.js (for financial logic & simulations).  
- Data: Mock CSVs as the database.  
- Integrations:  
 • Pathway for live data updates  
 • PDF Generator for reports  
 • Flexprice Billing System to track usage

# Feasibility & Market Use

- Designed for startups, student events, and small businesses.  
- Provides scalable, accurate, and practical financial forecasting.  
- Saves time, reduces uncertainty, and improves decision-making.

# Conclusion

CFO Helper transforms complex 'what-if' financial questions into clear, actionable insights.  
By combining live data, interactive simulations, and usage-based billing, it ensures accuracy, fairness, and accessibility.  
It is a scalable and user-friendly financial assistant for anyone managing limited resources.