

CHAPTER 3: OBJECTIVES

3.1 Project Objectives

- Stock Forecasting: Predict near-term prices and produce a 7-day forecast using Linear Regression.
- Sentiment Analysis: Fetch recent market news and compute polarity (positive/negative/neutral).
- Decision Support: Combine price-direction signal and sentiment polarity into a recommendation.
- Portfolio Simulation: Virtual wallet, holdings, buy/sell operations, commissions, dividends, transaction history.
- Administration: Admin monitoring dashboard and broker configuration.

3.2 Scope Summary

The system focuses on prediction + sentiment + simulation for learning and experimentation. It is not designed for real-money execution.