

# Scope Management Plan

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## Project Overview

FinVerse is a web-based trading platform that enables users to simulate stock and forex trading with real payment gateway integration for wallet funding (credit/debit cards) and AI-powered portfolio recommendations. It also includes an admin dashboard for user/content management. The platform is designed as an academic project demonstrating real-world trading concepts, payment handling, and AI decision support.

## Scope Management Approach

**Scope Definition:** The scope will be defined through requirement gathering (survey responses, supervisor input), market research on trading apps, and team brainstorming.

**Scope Verification:** Deliverables will be verified through supervisor approval, internal reviews, and testing against requirements.

**Scope Control:** Any requested changes will be logged, reviewed by the Project Manager, and approved by the supervisor (Miss Maryam Feroze) before implementation.

## Roles and Responsibilities

Role	Responsibilities
Project Manager (Anosha Hafeez)	Define scope, manage scope documentation, approve/reject changes
Business Analyst / Team	Gather and document requirements, validate scope with stakeholders
Change Control Board	Review and approve/reject scope changes
QA Testers	Verify that deliverables meet defined scope

## Scope Definition Process

1. Conduct requirement gathering sessions with supervisor & team.
2. Review Google Form survey responses (AI recommendations, payment gateway).
3. Document functional requirements (trading, wallet, AI, admin) and non-functional requirements (security, usability, performance).
4. Obtain supervisor approval on documented scope before development begins.

## **Work Breakdown Structure (WBS) Development**

Method Used: Top-down approach.

Starting from major deliverables (Frontend, Backend, AI, Payments, Admin, Testing, Deployment) and breaking into smaller tasks.

WBS will be updated if scope changes are approved.

## **Scope Verification Process**

Deliverables will be validated against documented requirements in the SRS.

Supervisor approval will serve as final verification.

QA team will confirm that implemented features (trading, wallet, AI, payments) align with scope.

## **Scope Change Control Process**

1. Change request submitted formally to Project Manager.
2. Project Manager reviews impact on time/cost with the team.
3. Change Control Board (Team + Supervisor) decides approval/rejection.
4. Approved changes are logged and reflected in updated SRS/WBS.

## **Tools and Techniques**

- Task Management: Asana
- Version Control: GitHub
- Design: Figma (UI/UX) (Optional)
- Documentation: WPS Office
- Programming: React (Frontend), Node.js/Java (Backend), MySQL (DB), Stripe/PayPal (Payments), Python (AI)

## **Scope Management Metrics**

- Number of scope change requests approved/rejected.
- Percentage of deliverables completed as per scope.
- Supervisor's satisfaction level with deliverables.
- Variance between planned vs. actual scope baseline.