

CollabHub Platform

Software Requirements Specification (SRS) + Product Requirements Document (PRD)

1. Product Overview

CollabHub is a SaaS-based Startup Collaboration Infrastructure Platform connecting Talents, Startups, and Investors.

It enables verified collaboration, structured agreements, milestone tracking, funding workflows, and trust-based scoring.

2. User Roles

- Founder
- Talent
- Investor
- Admin

3. Core Modules

- Authentication & Role Management
- Talent Verification Engine
- Startup & Project Management
- Hiring & Application System
- Agreements & Legal Automation
- Milestone & Escrow System
- Trust & Reputation Engine
- Investor Deal Flow Module
- Revenue & Payment Engine
- Admin Panel

4. Talent Verification Process

Level 0: Profile Verification (Email + Profile Completion)

Level 1: Skill Test (MCQs + Coding Assessment)

Level 2: Project Verification (Portfolio/GitHub/Assessment Task)

Level 3: Legal Verification (KYC + NDA Signing)

Workflow: Signup → Skill Test → Project Review → KYC → NDA → Badge Assignment

5. Startup Workflow

Founder Signup → Create Startup → Define Vision → Define Roles → Set Compensation Model → Publish → Receive Applications → Hire → Agreement Signing

6. Agreements Process

- NDA before accessing confidential data
 - Work Agreement (Role, Deliverables, Timelines, Compensation)
 - Equity Agreement (Vesting, Cliff, Exit Clauses)
 - Investor Agreements (Term Sheet, SAFE, Convertible Notes)
- All agreements are digitally signed and time-stamped.

7. Investor Module

Investor Signup → KYC → Preference Setup → Access Deal Dashboard

Investors can filter startups by industry, stage, trust score, revenue, and team strength.

Funding Workflow: Shortlist → Due Diligence → Term Sheet → Agreement → Funding Recorded → Success Fee Deducted

8. Revenue Models

1. SaaS Subscription Plans (Startup, Talent Premium, Investor Premium)
2. Success Fee (1–3% of funds raised)
3. Escrow Commission (5% per milestone payment)
4. Enterprise Licensing for Incubators & VC Firms

9. Trust & Reputation System

Each user has a Trust Score (0–100) based on:

- Milestone completion
- Contract fulfillment
- Disputes
- Response time
- Funding history

10. Non-Functional Requirements

- Secure JWT-based Authentication
- Role-based Access Control
- Encrypted KYC & Agreements
- <300ms API Response Time
- 99.5% Uptime Target
- Scalable Architecture

11. Phase Roadmap

Phase 1: MVP (Auth, Startup Creation, Applications, Basic Agreements)

Phase 2: Full SaaS (Escrow, Trust Engine, Investor Module)

Phase 3: AI Layer (AI Matching, Risk Scoring, Predictive Success Index)