

Project Design Phase-II

Solution Requirements

Date: 29 June 2025

Team ID: LTVIP2025TMID43034

Project Name: BookNest: Where Stories Nestle

Maximum Marks: 4 Marks

Functional Requirements:

FR-1: User Registration (Form, Gmail, LinkedIn)

FR-2: Confirmation (Email, OTP)

FR-3: Book Search & Categorization (NLP)

FR-4: Recommendation Engine

Non-Functional Requirements:

NFR-1: Usability - Simple & engaging UI

NFR-2: Security - SSL, OAuth2, secure cookies

NFR-3: Reliability - 99.9% uptime

NFR-4: Performance - Load tested for 1000 concurrent users

NFR-5: Availability - Hosted on scalable AWS infra

NFR-6: Scalability - Modular architecture with microservices