

LifeTracker – Coding Section Product Requirements Document

1. Purpose & Vision

The Coding Section is the Career Core of LifeTracker. Its purpose is to transform coding education into a deliberate, structured, and outcome-driven system. This section ensures that learning, problem-solving, and building are deeply connected.

2. Coding Section Structure

- 1 1. Learning Paths (Full Stack, Data Science, DevOps)
- 2 2. Problem Solving & System Design
- 3 3. Video Resource Library
- 4 4. Hands-on Projects & Resource Vault
- 5 5. Notes & Knowledge Base

3. Learning Paths

This section contains three structured domains, each with a weekly planning system.

- 1 Full Stack Development
- 2 Data Science
- 3 DevOps

Weekly Planner Features

- 1 User-created weekly cards
- 2 Week range, topics, resources, status
- 3 Unlimited weeks & historical tracking

4. Problem Solving & System Design

- 1 DSA problem tracking
- 2 Core CS notes
- 3 System design breakdowns

5. Video Resource Library

- 1 Filter by all six domains
- 2 Short description per video
- 3 Tag-based retrieval

6. Hands-on Projects & Resource Vault

- 1 Project documentation
- 2 External links & media
- 3 Learning outcomes

7. Notes & Knowledge Base

- 1 Concept notes
- 2 Debug logs
- 3 Searchable & linked notes

8. Success Metrics

- 1 Weekly learning consistency
- 2 Problems solved per week
- 3 Projects completed