

Software Requirement Specification

Project: “Campus to Career” Module Enhancement

Client: P2A Academy | **Vendor:** CoreCraft

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1 Introduction

This document outlines the technical specifications for the “**Campus to Career**” feature integration into the P2A Academy ecosystem. The objective is to implement an advanced, modular course architecture that allows for granular purchasing, dynamic UI rendering based on administrative configurations, and a high-performance student experience.

***Note:** Throughout this document, “the Team” or “We” refers to CoreCraft, the entity responsible for the end-to-end Frontend architecture and API integration.*

2 Project Scope & Objectives

The “Campus to Career” module serves as a premium tier within the platform. The development focus includes:

- A hierarchical UI supporting complex parent-child course relationships.
- Dynamic access control (Lock/Unlock) logic at the module and subject level.
- A sophisticated filtering system for administrative oversight.
- Responsive, mobile-first design optimized for student engagement.

3 Functional Requirements

3.1 Frontend: Student Interface (LMS)

- **Hierarchical Course Navigation:** The system must render the “Campus to Career” course as a container. Subjects (e.g., Bangla, English) and their respective sub-sections (e.g., Grammar Preli, Written) must be fetched and displayed dynamically.
- **Conditional Access Control:** The UI must reflect real-time purchase status. Content not included in the user’s specific access level will remain in a “Locked” state with a clear Call-to-Action (CTA) for purchase.
- **Smart Discount Logic Branding:**
 - **Bundles:** If a user selects a “Full Course,” the UI will highlight extended validity and integrated discounts.
 - **Subject-wise:** For specific subjects, the UI shall display “Bundle Savings” compared to individual module pricing.
- **Dynamic Dropdowns:** Sub-sections must appear in a nested format under parent subjects only when the “Sub-section Mode” is toggled active by the Administrator.

3.2 Backend & API Integration Strategy

CoreCraft will define the architectural requirements for API responses to ensure seamless integration:

- **Modular Purchase Validation:** The API must provide a permission matrix identifying access at the `course_id`, `subject_id`, and `module_id` levels.
- **Pricing Engine:** Logic to calculate “Together” pricing vs. “Individual” pricing must be handled server-side. The resulting data will be accurately reflected across the platform’s purchasing UI.

3.3 Admin Panel Enhancements

- **Advanced Content Management:** A specialized interface to manage premium content, allowing Admins to toggle specific UI modes (like Subsection Enable/Disable) per subject.
- **Granular User Filtering:** A dashboard enabling staff to filter enrollees by:
 - Full Course status.
 - Subject-specific enrollment (e.g., English only).
 - Module-specific enrollment (e.g., Math Written only).
- **Manual Override Tool:** A utility for administrators to manually grant or revoke access to specific modules for individual user accounts.

4 UI/UX Design Specifications

The interface will follow the established “Campus to Career” visual language:

- **Dashboard Cards:** Implementation of the “View Details” and “Enroll Now” CTA structure.
- **Service Highlights:** Dedicated iconography for “Free Class,” “Free Exam,” “Free Kahoot,” and “Free Support” to drive user conversion.
- **Social Proof:** Dynamic sections for Student Testimonials and a robust FAQ (Q&A) module.

5 Non-Functional Requirements

- **Scalability:** The frontend must support an unlimited number of subjects and subsections without layout degradation.
- **Performance:** Asset optimization is required to ensure the mobile dashboard maintains a low latency and high PageSpeed score.

6 Conclusion

The implementation of this SRS ensures that the “Campus to Career” module will provide a flexible and premium learning path. CoreCraft is committed to delivering a modular, high-performance frontend that integrates perfectly with the P2A Academy backend.