Project Planning & Management

* Abstract

This platform will provide a marketplace where instructors can create and publish online courses, and learners can browse, purchase, and access courses in various categories. The platform will feature a secure payment option, content management, and user-friendly interfaces to enhance the learning experience.

* Problem Statement

Despite the rise of e-learning platforms, many small and medium-sized instructors are limited by high commission fees, restricted pricing policies, and a lack of direct control over their courses. Existing platforms prioritize mass content production rather than fostering direct relationships between educators and learners.

* Project Objectives
  + Allow instructors to create and sell courses.
  + Enable learners to browse, purchase, and access courses.
  + Provide secure payment processing and payment method.
  + Implement communication method.
  + Offer rating and review system.
* Scope of the Project
  + - Included
      * User registration
      * Course creation.
      * Course listing and search functionality.
      * Secure payment gateway.
      * Communication Method.
      * Review and rating system.
    - Not Included
      * Live streaming sessions.
      * Tasks or Quizzes features.
  + Technology Stack

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| **Component** | **Technology** |
| Backend and Frontend | ASP.NET core MVC |
| Database | SQL Server |
| Payment System | Paymob |
| Authentication | Microsoft Identity |

* + Timeline & Milestones

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| **Phase** | **Duration** | **Deliverables** |
| Research & Planning | 2 weeks | Documentation |
| Backend Development | 3 weeks | Database and controllers |
| Frontend Development | 2 weeks | Course Listing + User Dashboard |
| Payment Integration | 1 week | Paymob service |
| Testing & QA | 1 week | Bug Fixes |