**Project Name**

.**EduConnect – Online Learning Platform**

**Project Idea**

An online learning platform that allows students to access courses in various fields (programming, design, business, etc.). The platform will provide account registration, course enrollment, video lessons, interaction with instructors, progress tracking, and certificate generation.

**Team Members (pentaRae)**

**Abdelrahman Ahmed –** Backend Developer (Node.js, Express, MongoDB)

**Mohamed Nasr –** Frontend Developer (Angular)

**Mohamed Yosry –** Frontend Developer (Angular)

**Marwan Khalil–** UI/UX Designer

**Work Plan**

1. **Research & Analysis**

Study competitors, identify strengths and weaknesses.

1. **Visual Identity**

Select color palette (Blue/Orange/White) and modern fonts.

1. **Main Designs**
   * Login & Registration pages
   * Course browsing page
   * Course details page (video + description + progress)
   * Student Dashboard + Instructor Dashboard
2. **Complementary Products**
3. **Review & Finalization**

Code review, design testing, usability check.

1. **Final Presentation**

Live demo presentation of the project.

**Roles & Responsibilities**

**Backend Developer (Abdelrahman) – APIs, Authentication (JWT), Database, Payment Integration**

**Frontend Developer (Mohamed Nasr & Mohamed Yosry) – UI Implementation, Responsive Design, State Management**

**UI/UX Designer (Marwan Khalil) – Wireframes, Prototypes, Visual Design**

* **KPIs (Key Performance Indicators)** – Metrics for project success (e.g., response time, system uptime, user adoption rate).

**Instructor**

**Heham Mohamed**

**Project Files**

You can find the full project files here:  
--------

**License**

This project is licensed under the