

To

The Project Coordinators Team

Subject: Submission of Self-Proposed Project Idea

Respected Sir/Madam,

We, the undersigned final-year students, wish to submit our self-proposed project idea for review and approval. The details of our project are as follows:

Project Title:

Professional Networking Platform

Project Description:

The proposed project is a microservices-based application enabling professionals to connect, collaborate, and share opportunities. It aims to provide a seamless networking experience through features like user profiles, connections, and content sharing, tailored to enhance career growth and professional engagement.

Objectives:

1. To develop a scalable, production-ready professional networking platform.
2. To implement advanced frameworks for optimized performance, including Kafka for message streaming, Redis for caching, Neo4j for graph database management, and PostgreSQL for relational data.
3. To ensure robust application security using Spring Security and facilitate backend management using Spring Boot, Spring Data JPA and Spring MVC.
4. To create an industry-ready product aligned with modern software development standards.

Overall Idea of the Project:

The platform is designed as a professional networking application, serving as an alternative to existing platforms, enabling users to build connections, share updates, and explore career opportunities. The system will employ microservices architecture to ensure scalability, maintainability, and fault tolerance, making it suitable for real-world production environments.

Team Members and UID Numbers:

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Thank you for your time and consideration.

Yours sincerely,

The Project Team

