**Project Synopsis : Skill Barter Platform with XP System**

**Team :- Ctrl+Alt+Defeat**

**Team 2**

**Batch: INTQEA25SDGN003**

# Introduction

The skill barter platform is a full-stack web application designed to facilitate the exchange of skills between users. It allows individuals to offer and seek skills in various domains, such as programming, art, language learning, and more. The project introduces a gamified XP (Experience Points) system that rewards users for creating and delivering courses to others, encouraging active participation and knowledge sharing.

# Key Features

* User registration, login, and profile management
* Skill listing with self-assessed proficiency
* Skill matching and barter request system
* Barter request approval and scheduling mechanism
* Course creation by users with XP reward system
* XP calculation and assignment to course creators upon completion
* Review and rating system after successful barter
* Leaderboard and gamification elements based on XP

# Future Scope

In the future, the platform can integrate leaderboards and course recommendations. Additionally, blockchain based skill certification can be implemented to provide tamper-proof skill records and decentralized verification.