

Note: You should consider the following when selecting a project title for the “Devops Engineering” module

- Project should be a Web Application.
- It should contain a Frontend and a Backend.
- It must have the connectivity to a Database server

Group No:      Group 53

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Project Title: CoinXcel – A Crypto Trading Platform

Brief Description:

CoinXcel is a secure cryptocurrency trading platform that allows users to trade various cryptocurrencies using simulated funds. Users can buy, sell, and manage their portfolios with real-time market data from **CoinGecko** APIs, all without real payments.

Key features include:

- **Simulated Wallet:** Add fake funds to trade.
- **Buy & Sell Crypto:** Simulate trading at real-time market prices.
- **Portfolio Management:** Track holdings and performance.
- **Transaction History:** Log buy/sell actions.
- **Secure Authentication:** User registration, login, and two-factor authentication.

Technology usage (Eg: NodeJS, ReactJS):

Backend: Spring Boot, MySQL DB, Spring Security

Frontend: React, Tailwind CSS, Redux, Axios, React-Router-Dom, Shadcn UI