The purpose of this project is to develop an **integrated educational platform** that connects students, teachers, and parents through an interactive and intelligent learning environment. The system aims to simplify and enhance the processes of **learning, monitoring, and assessment** by providing both a **web application (React.js)** and a **mobile application (Flutter)** supported by a robust **backend (Node.js + Express.js)** and efficient databases (**PostgreSQL** and **MongoDB**).

This platform is designed to:

* Provide students with an interactive tool to access lessons, assignments, and exams.
* Enable teachers to manage courses, create exams, and analyze student performance effectively.
* Allow parents to track their children’s progress and academic performance.
* Integrate **AI-powered features** such as a chatbot, automatic exam generation, and personalized performance analysis to identify students’ weaknesses and offer targeted exercises.
* Support teachers with collective insights on students’ common weaknesses to enhance teaching strategies.
* Automate **assignment and exam correction**, reducing manual effort and saving time.
* Incorporate modern features like **Google Meet integration**, **AI chat support**, and **Gamification (coins and rewards system)** to increase student engagement and motivation.