**ABSTRACT**

The Code Best App is a cutting-edge mobile application designed to enhance the learning experience by providing tailored modules for both coding students and instructors. This app functions as a seamless platform where users can view course videos, participate in coding quizzes, and track their progress toward certification. Instructors can efficiently view student user pages, streamlining their tasks. Additionally, the app offers real-time performance tracking for instructors to monitor student progress.

Students can access video lessons, check their quiz results immediately, and engage in interactive assessments to reinforce their learning. The app also provides personalized course recommendations based on individual performance, helping learners focus on areas that need improvement. Developed with a React Native frontend, a Node.js backend, and a MongoDB database, the app is built for reliability and scalability, ensuring smooth performance for all users.

By combining modern technology with essential educational features, the Code Best App promotes transparency, empowers users to take control of their coding education, and provides pathways for certification. The app supports collaboration between peers through coding discussions and project sharing, creating a strong sense of community. With comprehensive tracking and reporting features, both students and instructors can easily review progress, set learning goals, and achieve milestones. This holistic approach fosters a more connected, interactive, and efficient environment for coding education, making it easier for learners to enhance their programming skills and for instructors to manage courses effectively.