LearnDesk : A Secure and Dynamic Online learning Platform

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Abstract :

LearnDesk is a smart learning platform built using the MERN stack(MongoDB, Express.js, React.js, Node.js) that helps teachers and students connect and learn in an interactive way. Teachers can create classes, add students, and make their own customized quizzes. Students can join these classes to attempt quizzes or learn freely by exploring different topics and practice tests available on the platform. Default aptitude quizzes—covering areas like verbal ability, logical reasoning, arithmetic, and quantitative aptitude. Users can also learn new topics by reading our articles..

All quizzes are time-based and get automatically submitted when the timer ends. After submission, the result is shown instantly. All quizzes are highly secure: they run in full-screen mode, restrict exiting or copying, and include watermarks to prevent malpractice or unauthorized sharing.

LearnDesk also includes features like email verification, mail notifications, secure login with JWT tokens, and data encryption and hashing to keep user information safe. Additional features include motivational "Quote of the Day," announcements, file uploads, and notification-based updates to keep students engaged. By combining learning resources, secure assessments, and performance tracking in one platform, LearnDesk offers a comprehensive, efficient, and user-friendly solution for placement preparation.