VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI – 590 018

A MINI PROJECT REPORT ON

"TED TALK APP"

BY

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ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MIJAR, MOODBIDRI D.K. -574225 KARNATAKA

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This is to certify that, mini project work for the subject "**Mini Project (21CSMP67)**" has been successfully completed and report submitted by **Vishal Poonacha K G (4AL21CS183)**, during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored ___89___ Marks out of 100.

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ABSTRACT

The TED Talk App is a mobile application designed to streamline event management and participation for college students. This app provides a centralized platform where students can easily discover, register for, and create events such as talks by notable speakers. Built using Flutter for a cross-platform experience and Firebase for backend services, the app offers a user-friendly interface that supports both iOS and Android devices.

Key features of the TED Talk App include secure user authentication, real-time event updates, and easy registration. Students can view detailed event forms containing essential information such as hostname, location, date, and available seats. They can also create and share their own event forms, promoting engagement within the college community.

The app ensures data security and user privacy through Firebase Authentication and encrypted data transmission. Push notifications keep users informed about upcoming events and registration deadlines. Designed to be scalable, the TED Talk App efficiently handles increasing numbers of users and events. Overall, the TED Talk App enhances the student experience by providing a convenient, secure, and engaging platform for managing and participating in college events.