VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

A MINI PROJECT REPORT ON

"Courpool - Courier Management System"

SUBMITTED BY

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MOODBIDRI-574225, KARNATAKA

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ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MIJAR, MOODBIDRI D.K. -574225 KARNATAKA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, the Mini Project entitled **"CourPool-Courier Management System"** for the subject **"Mini Project (21CSMP67)"** has been successfully completed and report submitted by **S M HAMSENDRA JAIN (4AL21CS120),** during the academic year 2023– 2024. It is certified that all corrections/suggestions indicating presentation session have been incorporated in the report and Scored_____93_____Marks out of 100 and deposited in the departmental library.

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ABSTRACT

This mini-project focuses on developing a Courpool-Courier Management System In the current courier industry, customers often face exorbitant charges for immediate deliveries, creating a significant financial burden. This issue is compounded by inefficiencies in delivery operations, leading to increased vehicle pollution and longer delivery times. To address these challenges, we propose a third-party application designed to optimize delivery processes by allowing customers to choose flexible delivery windows of 24, 48, or 72 hours. Our app will strategically direct orders to delivery companies that are already servicing the same destinations, thereby consolidating shipments and optimizing routes. This approach is expected tosignificantly reduce delivery costs for customers, decrease vehicle emissions, and improve overall delivery efficiency. By leveraging real-time data and advanced routing algorithms, and Our approach is expected to significantly reduce delivery costs for customers, decrease vehicle emissions, and improve overall delivery efficiency. By promoting a more sustainable and cost-effective courier service model, our solution addresses the pressing issues of high delivery charges and environmental impact.