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VISVESVARAYA TECHNOLOGICAL UNIVERSITY,  
BELAGAVI-590018



A MINI PROJECT REPORT ON

**“ORPHANAGE MANAGEMENT SYSTEM”**

IN

COMPUTER SCIENCE AND ENGINEERING

By

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MOODBIDRI-574225, KARNATAKA

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This is to certify that, the assignment work for the subject “Mini Project” (21CSMP67) has been successfully completed and report submitted by Mohammed Iliyas Dokanwale (4AL21CS073) during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated during presentation session have been incorporated in the report and scored 89 Marks out of 100 and deposited in the departmental library.

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## ABSTRACT

Overall, the orphanage management system is an all-in-one digital platform that is intended to provide operational efficacy and enhance care quality at orphanages. This system will address inefficiencies and the resulting challenges faced in the operation of most orphanages by allowing management of childcare, staff coordination, volunteer involvement, donations, and adoption processes all in one system. This is because it allows the keeping of detailed child profiles comprising personal information, health condition, educational progress, and admission history, among others, for personalized care and to effectively monitor. Staff and volunteer information management and tools store information, assign tasks, track performance, and schedule shifts that ensure optimal allocation of human resources and better coordination among the caregivers. It enables the recording and tracking of donations effectively, thus encouraging confidence and continual support in the donors by, among other factors, having donor registration, donation history, and receipts automatically generated. The whole adoption process is streamlined by a well defined workflow starting from applications initiations to finalisations, adopter lineup information management, home visitation scheduling, and keeping a check on legal formalities that are required to meet to achieve efficient and legal adoptions construe a ensuring and legally compliant transition process. It will also have event/activities scheduling tools that can be used to plan and manage different types of events to give children a properly rounded development environment. This comprehensive reporting and analytics provides insights on financials, child progress, and staff performance, thus helping in decision-making and easy accountability to all stakeholders. Automated notifications and alerts on important events, medical checkups, and tasks ensure that nothing has been forgotten, hence improved reactivity and operational efficiency. Data security and privacy issues, user training, and customization of a system to meet special needs are steps fraught with problems. Costly security measures will be necessary to protect sensitive information, and sufficient training for staff so as to extract maximum benefits from the system is desirable. Some other future enhancements could include the integration of the system with other platforms, use of advanced analytics to get deeper insights, and mobile application development for greater reach.