**NURSERY MANAGEMENT SYSTEM**

A project report submitted to Sri Ramakrishna Mission Vidyalaya

College of Arts and Science, Coimbatore - 641 020 in partial fulfilment of the requirements for the award of the Degree of

# BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Submitted by

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## DEPARTMENT OF COMPUTER SCIENCE

**SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE**

*(An Autonomous Institution Affiliated to Bharathiar University, Re-Accredited by NAAC with A+ grade)*

**COIMBATORE-641 020**

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# CERTIFICATE

This is to certify that the project entitled "**NURSERY MANAGEMENMT SYSTEM** " is submitted to Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore-641020, affiliated to BHARATHIAR UNIVERSITY, in partial fulfilment of the requirements for the award of the Degree of **BACHELOR OF COMPUTER SCIENCE** as a record of original project work done by **SARAN P Reg. No: 21USC020**, during the academic year 2023-2024 of his study in the Department of Computer Science at Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore- 20, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree/Diploma/Associateship/Fellowship or other similar title to any candidate of any university.

Place: Coimbatore-20

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# DECLARATION

I, **SARAN P (21USC020)** hereby declare that the Project entitled “**NURSERY MANAGEMENT SYSTEM”** submitted in partial fulfilment of the requirements for the award of the Degree of **B. Sc COMPUTER SCIENCE** is a record of original research work done by me during the academic year 2023-2024 under the supervision and guidance of **N.THAMARAIKANNAN, Assistant Professor of Computer Science, Department of B.Sc Computer Science**, Sri Ramakrishna Mission Vidyalaya College of Arts and Science,

Coimbatore-20, and it has not formed the basis for the award of any

Degree/Diploma/Associateship/Fellowship or other similar title to any candidate of any university.

Place: Coimbatore-20 Signature of the Candidate

Date: **SARAN P**

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### ABSTRACT

The Project titled **“NURSERY MANAGEMENT SYSTEM**” is a software which is developed for Maintaining and monitoring The Nursery Management System for selling plants, trees, and seeds is an innovative software solution designed to optimize the operations of nurseries engaged in horticultural retail. This comprehensive platform integrates advanced features, such as detailed inventory management, real-time tracking, and seamless sales transactions. Nursery staff can effortlessly maintain an extensive database of plant and seed varieties, ensuring a centralized repository for critical information. The system's automation of inventory tracking minimizes stock-related challenges, promoting efficient stock management to meet customer demands. With a user-friendly interface, customers can browse, select, and purchase products, while nursery staff efficiently manage orders, process payments, and enhance overall customer satisfaction. The Nursery Management System stands as a transformative tool, providing nurseries with a unified solution to navigate the complexities of horticultural retail, optimize efficiency, and thrive in a competitive market. The Nursery Management System is developed using a comprehensive technology stack, with HTML, CSS, and JavaScript serving as the frontend components. These frontend technologies provide the user interface elements, styling, and interactivity needed to create an intuitive and engaging user experience. Meanwhile, PHP is utilized as the backend scripting language, handling server-side logic and data processing. PHP enables seamless communication between the frontend and backend, facilitating dynamic content generation and ensuring smooth functionality of the system. Furthermore, MySQL is employed as the backend database management system, storing and managing the vast amount of data associated with plant and seed varieties, inventory, customer information, and transactions. MySQL offers robust relational database capabilities, allowing for efficient data storage, retrieval, and manipulation. By leveraging these technologies together, the Nursery Management System delivers a cohesive solution that empowers nurseries to streamline operations, optimize efficiency, and thrive in the competitive horticultural retail market.

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| S.No | TITLE  **TABLE OF CONTANT** | PAGE |
| **1** | **INTRODUCTION** |  |
| 1.1 | OVERVIEW OF THE PROJECT | 1 |
| 1.2 | COMPANY PROFILE |  |
| **2** | **SYSTEM STUDY AND ANALYSIS** |  |
| 2.1 | EXISTING SYSTEM: | 2 |
| 2.2 | DISADVANTAGES OF EXISTING SYSTEM: | 2 |
| 2.3 | PROPOSED SYSTEM | 2 |
| 2.4 | ADVANTAGES OF PROPOSED SYSTEM: | 3 |
| 3 | **SYSTEM SPECIFICATION** |  |
| 3.1 | HARDWARE REQUIREMENTS | 4 |
| 3.2 | SOFTWARE REQUIREMENTS | 4 |
| 3.3 | SOFTWARE SPECIFICATION | 5 |
| 4 | **SYSTEM DESING AND DEVELOPMENT** |  |
| 4.1 | INPUT DESIGN | 11 |
| 4.2 | OUTPUT DESIGN | 11 |
| 4.3 | TABLE DESIGN | 12 |
| 4.4 | ENTITY RELATIONSHIP DIAGRAM | 14 |
| 4.5 | DATAFLOW DIAGRAM | 16 |
| 4.6 | SYSTEM FLOW DIAGRAM | 19 |
| 4.7 | USE CASE DIAGRAM | 21 |
| 5 | **SYSTEM TESTING AND IMPLEMENTATION** |  |
| 5.1 | SYSTEM TESTING | 23 |
| 5.2 | SYSTEM IMPLEMENTATION | 26 |
| 5.3 | SYSTEM MAINTENANCE | 26 |
| 6 | **CONCLUSION AND FUTURE ENHANCEMENT** |  |
| 6.1 | CONCLUSION & FUTURE ENHANCEMENT | 27 |
| 7 | **BIBLOGRAPHY AND APPENDIXES** |  |
| 7.1 | BIBLOGRAPHY | 29 |
| 7.2 | APPENDIXES-A SAMPLE CODING | 30 |
| 7.3 | APPENDIXES-B SCREENSHOT | 44 |