MY HOME

AUTOMATION OF HOUSEHOLD MANAGEMENT SYSTEM

**A PROJECT REPORT SUBMITTED IN PARTIAL FULFILMENT
OF REQUIREMENT
FOR THE AWARD OF THE DEGREE**

MASTER OF COMPUTER APPLICATIONS (MCA)

OF

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

BY

GARBIN SCARIA
Reg. No:22PMC123

MARIAN COLLEGE
KUTTIKKANAM
(AUTONOMOUS)

MAKING COMPLETE

Marian College Kuttikanam Autonomous

Peermade, Kerala – 685 531

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Under the guidance of
Ms. KOCHUMOL ABRAHAM
Assistant Professor
PG Department of Computer Applications
Marian College Kuttikkanam Autonomous

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PG DEPARTMENT OF COMPUTER APPLICATIONS

Marian College Kuttikkanam Autonomous

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

KUTTIKKANAM – 685 531, KERALA.

CERTIFICATE

This is to certify that the project work entitled

"AUTOMATION OF HOUSEHOLD MANAGEMENT SYSTEM"

is a Bonafede record of work done by

GARBIN SCARIA

Reg. No:22PMC123

In partial fulfillment of the requirements for the award of Degree of

MASTER OF COMPUTER APPLICATIONS [MCA]

During the academic year 2022-2024

Ms. Kochumol Abraham
Assistant Professor
PG Department of Computer
Applications Marian College
Kuttikkanam Autonomous

Mr. Win Mathew John
Head of the Department
PG Department of Computer
Applications Marian College
Kuttikkanam Autonomous

External Examiner

External Examiner

ACKNOWLEDGEMENT

This is to express my deepest gratitude to all those who have extended their timely support and helping hands in completing my project.

First of all, I am extremely grateful to "God Almighty", without whose blessing I could not have been able to successfully complete this project.

I express my sincere and profound gratitude to Dr. Ajimon George, Principal, Marian College, Kuttikkanam for providing me all the facilities during the period of project.

Words are boundless to express our sincere thanks to Mr. Win Mathew John, Head of the Department of Computer Application, for giving me an opportunity to do this project.

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With great enthusiasm we express our gratitude to all the faculty and members of Computer Application Department for their timely help, support and encouragement .

Finally, I express my deep appreciation to all our friends and family members for the moral support and encouragement they have given to complete this project successful..

GARBIN SCARIA

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ABSTRACT

The "Household Management" project offers a comprehensive solution for efficient management of household tasks and responsibilities. The system caters to two types of users: household owners and employees. Household owners can create and manage their profiles, utilizing a range of functionalities to streamline their daily operations. Notably, owners have the ability to select employees based on their postal codes, ensuring proximity-based services that meet their specific needs. This feature enhances convenience and optimizes resource allocation, resulting in more efficient household management.

Conversely, employees can create profiles showcasing their skills and services within the system. They can search for potential job opportunities by selecting users based on their postal codes, enabling them to find suitable assignments within their preferred area. Additionally, the project introduces a unique feature where employees can give tenders to users, fostering a competitive environment that allows employees to showcase their expertise. This empowers users to choose from a diverse range of competitive tenders, ensuring they can select the most suitable employee for their specific requirements.

By incorporating these key features, the "Household Management" project revolutionizes the management of household tasks. It promotes efficient resource allocation, enhances user experience, and facilitates effective collaboration between owners and employees. With this system, households can expect improved organization, optimized decision-making, and heightened productivity in their day-to-day operations..

METHODOLOGY TO BE USED FOR THE PROJECT

The methodology used to develop the project is waterfall model. In this methodology the objectives And the goals were clearly defined.

.   ## *HARDWARE AND SOFTWARE TO BE USED*

- ### *HARDWARE SPECIFICATION*

  o Processor: Dual core or more
  o RAM : 1GB or more
  o Hard Disk: 320GB

- *SOFTWARE SPECIFICATION*

  o Front End : HTML,CSS,JS

  o Back End : MySQL, Python

  o Technology used : Python – Flask

  o Operating System: Windows 7 or above

  o Web browsers : Google Chrome, Personal Edge

CONTRIBUTION THAT THIS PROJECT MAKES

This project is developed in the boundary's of the college so this project is to

Property of Marian college Kuttikanam Autonomous.

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