
**ASHRAM MANAGEMENT SYSTEM: A WEB-BASED SOLUTION FOR
ELDER CARE**

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ABSTRACT

The Ashram Management System is a web-based application developed to manage the operations of old age homes efficiently. In traditional systems, data is stored manually, which leads to data loss, redundancy, and inefficiency. This system digitizes the management process by providing a centralized platform where administrators can manage elder records, ashram details, and donations. The system ensures better data security, quick access to information, and reduced paperwork. It also allows users to search for nearby ashrams and support them through online donations. This project aims to improve the quality of elderly care services and enhance operational efficiency through modern technology.

INDEX TERMS: Ashram Management, Elder Care System, Web Application, Database Management, PHP, MySQL.

I. INTRODUCTION

In today's world, the population of elderly people is increasing rapidly. Many families are unable to provide proper care due to busy lifestyles, leading to a growing demand for old age homes. Managing these ashrams manually becomes difficult as the amount of data increases.

Traditional systems involve maintaining records on paper, which is time-consuming, prone to errors, and difficult to manage. To overcome these issues, a digital system is required.

The Ashram Management System provides a solution by automating the process of managing elders, donations, and ashram details. It improves efficiency, reduces manual work, and ensures better organization of data.

II. PROBLEM STATEMENT

The existing manual system faces several problems:

- Difficulty in managing large data
- High chances of data loss
- Lack of security
- Time-consuming processes
- No centralized system

The proposed system aims to solve these issues by providing a secure and efficient digital platform.

III. OBJECTIVES OF SYSTEM

The main objectives of the system are:

- To digitize ashram management
- To reduce paperwork
- To improve data accuracy
- To provide easy access to information
- To enable online donation system
- To help users find nearby ashrams

IV. SYSTEM OVERVIEW

A. Existing System

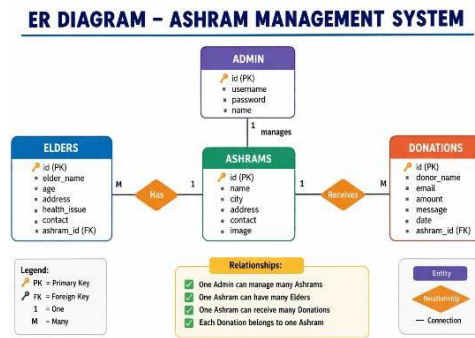
The current system is manual and inefficient. It requires physical records, which are difficult to maintain and update.

B. Proposed System

The proposed system is web-based and provides:

- Secure login system
- Centralized database
- Easy data management
- Fast processing

V. ER DIAGRAM



Explanation:

The ER diagram shows relationships between:

- **Admin** manages the entire system
- **Ashram** stores information about care centers
- **Elders** contain personal and health details
- **Donations** track financial support Relationships:
- One admin → many ashrams
- One ashram → many elders
- One ashram → many donations

VI. SYSTEM ARCHITECTURE

The system follows a **3-tier architecture**:

1. Presentation Layer (Frontend)

- HTML, CSS, JavaScript
- User interface

2. Application Layer (Backend)

- PHP
- Handles logic and processing

3. Database Layer

- MySQL
- Stores all data

VII. MODULES OF SYSTEM

A. Admin Module

- Secure login system
- Manage elder records

- Add/edit/delete ashrams
- View donation reports

B. Ashram Module

- Store ashram details
- Manage residents
- Update contact information

C. Elder Module

- Store personal information
- Health records
- Emergency contact

D. Donation Module

- Record donation details
- Track total amount
- Maintain donor history

VIII. TECHNOLOGY USED

Technology	Description
HTML	Web page structure
CSS	Styling
JavaScript	Interactivity
PHP	Backend development
MySQL	Database

IX. ADVANTAGES OF SYSTEM

- Reduces manual work
- Improves efficiency
- Ensures data security
- Easy access to records
- Centralized system
- Better decision making

X. LIMITATIONS

- Requires internet connection
- Initial setup cost
- Basic security limitations

XI. FUTURE SCOPE

The system can be improved by adding:

- Online payment gateway
- Mobile application
- AI-based health monitoring
- Real-time notifications

XII. CONCLUSION

The Ashram Management System is an effective solution for managing old age homes. It simplifies operations, improves efficiency, and ensures better care for elderly people. The system reduces paperwork and provides a modern approach to managing ashrams. With future improvements, it can become a complete smart solution for elderly care management.

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REFERENCES

1. R. Nixon, "Learning PHP, MySQL & JavaScript," O'Reilly Media, 2018.
2. L. Welling and L. Thomson, "PHP and MySQL Web Development," Addison-Wesley, 2017.
3. MDN Web Docs, "HTML, CSS and JavaScript Guide," <https://developer.mozilla.org>
4. MySQL Documentation, "MySQL Database Reference Manual," <https://dev.mysql.com/doc/>
5. Bootstrap Documentation, "Bootstrap Framework," <https://getbootstrap.com>
6. World Health Organization (WHO), "Ageing and Health," <https://www.who.int>