

# **PROJECT TITLE : HOSPITAL MANAGEMENT SYSTEM**

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THE HOSPITAL MANAGEMENT SYSTEM (HMS) IS A WEB-BASED APPLICATION THAT HELPS HOSPITAL ADMINISTRATORS AND STAFF TO MANAGE VARIOUS ACTIVITIES SUCH AS MANAGING PATIENT RECORDS, APPOINTMENT SCHEDULING, BILLING, INVENTORY MANAGEMENT, AND REPORT GENERATION. THE SYSTEM IS DESIGNED TO BE USER-FRIENDLY, EFFICIENT, AND EASY TO USE.

## **THE MAIN OBJECTIVES OF THE HOSPITAL MANAGEMENT SYSTEM ARE:**

- TO PROVIDE A PLATFORM FOR HOSPITAL STAFF TO MANAGE ALL ASPECTS OF THE HOSPITAL EFFECTIVELY AND EFFICIENTLY.
- TO IMPROVE PATIENT CARE BY PROVIDING ACCURATE AND UP-TO-DATE PATIENT RECORDS.
- TO STREAMLINE THE ADMINISTRATIVE TASKS OF THE HOSPITAL AND REDUCE PAPERWORK.
- TO IMPROVE THE HOSPITAL'S FINANCIAL PERFORMANCE BY OPTIMISING INVENTORY MANAGEMENT, REDUCING WASTAGE, AND IMPROVING BILLING AND PAYMENT PROCESSES.
- TO GENERATE REPORTS AND INSIGHTS THAT CAN BE USED TO MAKE INFORMED DECISIONS.

## **THE HOSPITAL MANAGEMENT SYSTEM INCLUDES THE FOLLOWING FEATURES:**

1. **PATIENT MANAGEMENT:** THIS FEATURE ALLOWS HOSPITAL STAFF TO CREATE AND MANAGE PATIENT RECORDS, INCLUDING PERSONAL INFORMATION, MEDICAL HISTORY, TEST RESULTS, AND PRESCRIBED MEDICATIONS.
2. **APPOINTMENT SCHEDULING:** HOSPITAL STAFF CAN SCHEDULE APPOINTMENTS FOR PATIENTS AND MANAGE THE DOCTOR'S SCHEDULE.
3. **BILLING AND PAYMENT:** THIS FEATURE ENABLES THE GENERATION OF BILLS AND INVOICES FOR PATIENT VISITS AND PAYMENTS.
4. **INVENTORY MANAGEMENT:** THIS FEATURE ALLOWS HOSPITAL STAFF TO MANAGE THE INVENTORY OF MEDICINES AND MEDICAL EQUIPMENT.
5. **REPORTS AND ANALYTICS:** THE SYSTEM GENERATES VARIOUS REPORTS AND ANALYTICS, INCLUDING PATIENT RECORDS, BILLING, INVENTORY, AND FINANCIAL REPORTS.

## **THE HOSPITAL MANAGEMENT SYSTEM IS A WEB-BASED APPLICATION DEVELOPED USING THE FOLLOWING TECHNOLOGIES:**

- **FRONT-END:** HTML, CSS, JAVASCRIPT
- **BACK-END:** PHP, MYSQL

- ## CONCLUSION:

- THE HOSPITAL MANAGEMENT SYSTEM IS A COMPREHENSIVE AND USER-FRIENDLY SYSTEM THAT HELPS HOSPITAL ADMINISTRATORS AND STAFF TO MANAGE HOSPITAL OPERATIONS EFFECTIVELY AND EFFICIENTLY. THE SYSTEM'S VARIOUS FEATURES, SUCH AS PATIENT MANAGEMENT, APPOINTMENT SCHEDULING, BILLING AND PAYMENT, INVENTORY MANAGEMENT, AND REPORT GENERATION, PROVIDE AN END-TO-END SOLUTION FOR HOSPITAL MANAGEMENT. WITH THE HELP OF THIS SYSTEM, HOSPITALS CAN PROVIDE BETTER PATIENT CARE, STREAMLINE ADMINISTRATIVE TASKS, AND IMPROVE FINANCIAL PERFORMANCE.