

ADVANCED PROGRAMMING PRACTICE

ONLINE HEALTH CARE MANAGEMENT SYSTEM

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Abstract

Modules of the online health care management system

*patient management

*staff management

*inventory and pharmacy management

Advantages of online health care management system

Disadvantages of the existing system

conclusion

ABSTRACT

- **Healthcare management is crucial for providing efficient and quality care to patients. In this presentation, we explore the concept of an Online Healthcare Management System and its significance in modern healthcare.**
- **An Online Healthcare Management System is a digital platform that integrates various tools and functionalities to optimize healthcare operations.**
- **The system includes modules for patient management, staff management, and inventory/pharmacy management, all of which contribute to enhanced patient care, increased efficiency, and improved data security**

Modules of the online health care management system

A .PATIENT MANAGEMENT: APPOINTMENT SCHEDULING: EFFICIENTLY MANAGE PATIENT APPOINTMENTS TO REDUCE WAITING TIMES AND IMPROVE PATIENT SATISFACTION. ELECTRONIC HEALTH RECORDS (EHR) MANAGEMENT: STORE AND ACCESS PATIENT RECORDS SECURELY, PROVIDING HEALTHCARE PROFESSIONALS WITH ESSENTIAL MEDICAL INFORMATION. PATIENT COMMUNICATION AND ENGAGEMENT: FACILITATE SEAMLESS COMMUNICATION BETWEEN PATIENTS AND HEALTHCARE PROVIDERS FOR BETTER CARE COORDINATION.

B. STAFF MANAGEMENT: STAFF SCHEDULING AND RESOURCE ALLOCATION: OPTIMIZE STAFF SCHEDULES TO MATCH PATIENT DEMAND AND ENSURE ADEQUATE COVERAGE. PERFORMANCE MONITORING AND EVALUATION: TRACK STAFF PRODUCTIVITY AND IDENTIFY AREAS FOR IMPROVEMENT TO ENHANCE OVERALL HEALTHCARE SERVICES. TRAINING AND CERTIFICATIONS: MANAGE STAFF TRAINING AND CERTIFICATIONS TO MAINTAIN HIGH-QUALITY HEALTHCARE STANDARDS. • •

C. INVENTORY AND PHARMACY MANAGEMENT: MEDICATION AND SUPPLY TRACKING: MONITOR INVENTORY LEVELS TO AVOID SHORTAGES AND EFFICIENTLY MANAGE MEDICAL SUPPLIES. INVENTORY OPTIMIZATION: REDUCE COSTS BY MINIMIZING WASTE AND EFFICIENTLY HANDLING PHARMACEUTICALS AND MEDICAL EQUIPMENT. INTEGRATION WITH PHARMACEUTICAL VENDORS: STREAMLINE THE PROCUREMENT PROCESS BY INTEGRATING WITH TRUSTED PHARMACEUTICAL VENDORS.



Advantages of an online healthcare management system

- • • Improved Patient Care: Enhanced patient–doctor communication and quick access to patient records lead to better–informed decisions and personalized care. Increased Efficiency and Productivity: Automated workflows and reduced paperwork allow healthcare professionals to focus more on patient care. Data Security and Privacy: Stringent measures ensure patient data protection, complying with data privacy regulations and fostering patient trust.





Disadvantages of the existing system

- **Fragmented Information:** Patient data dispersed across different systems leads to inefficiencies and potential errors in diagnosis and treatment. **Manual Processes:** Reliance on manual paperwork results in time consuming administrative tasks and increased chances of data loss. **Limited Accessibility:** Physical records and restricted access to patient information hinder seamless care coordination and continuity.

Conclusion

• • • Fragmented Information: Patient data dispersed across different systems leads to inefficiencies and potential errors in diagnosis and treatment. Manual Processes: Reliance on manual paperwork results in time –consuming administrative tasks and increased chances of data loss. Limited Accessibility: Physical records and restricted access to patient information hinder seamless care coordination and continuity.



Thank you



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