

TILAK MAHARASTHRA VIDHYAPEETH



A Project Report On:

Hospital Management System

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Submitted to:

OM SAI INFOTECH

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Project Description

- **Intro:**

- The Hospital Management System is designed to streamline and automate the various functions and operations within a hospital. The primary aim is to enhance efficiency, improve guest experiences, and simplify the administrative tasks involved in managing a hospital.

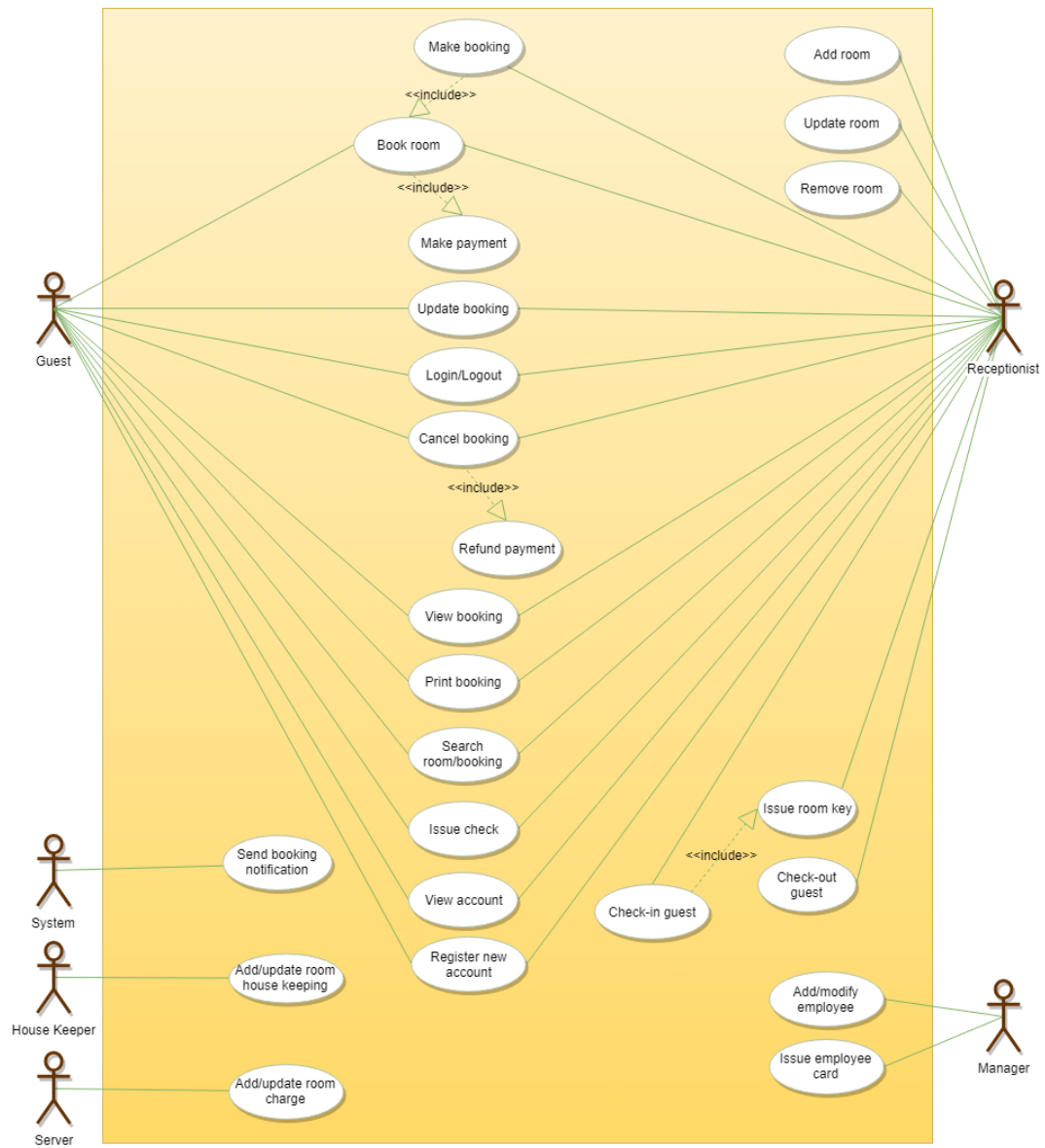
- **Objectives:**

- ⌘ To streamline hospital workflows and administrative processes.
- ⌘ To digitize patient records for quick access and better management.
- ⌘ To improve communication between doctors, nurses, and administrative staff.
- ⌘ To enhance patient experience by reducing wait times and improving service delivery.
- ⌘ To manage hospital inventory and ensure the availability of necessary medicines and equipment.

- **Features:**

- User-friendly Interface
- Online optiment for customer's/management.
- Secure payment gateway integration.
- Automated notifications via email/SMS.
- Role-based access control for staff and administrators.
- Mobile-responsive design for accessibility.
- Patient Registration
- Electronic Health Records (EHR)
- Appointment Management
- Billing Module
- Inventory Control
- Reporting Tools
- User Authentication

- **Solution:**



Project Requirement's:

○ Software Requirement:

Component	Specification
1.OS	Windows 10, Windows 8, Android, MacOS, or any operating system compatible with modern web browsers
2.Browser	Brave, Chrome, Edge, Firefox, Safari, or any modern browser
3. Fronennd Framework	HTML, CSS, JS, ASP.NET
4. Programming Language:	C#
5. Database:	MS Sql Server
6. App Hosting:	Firebase

○ Hardware Requirements:

Component	Specification
1. Processor:	AMD Ryzen or higher
2.RAM:	512MB or more
3.Hard disk:	10GB or more
4.Devices:	Laptop, PC, Smartphones, Tablets, or any device capable of running a web browser
5.Keyboard:	Normal or Multimedia
6.Mouse:	Compatible Mouse

Conclusion:

The Hospital Management System is a comprehensive and efficient solution that enhances operational efficiency and improves customer satisfaction. By integrating modern technologies, this system ensures seamless hospital management and a competitive edge in the hospitality industry

Reference:

- <https://chatgpt.com>
- <https://www.blackbox.ai/chat/PBuOPsa>