HOTEL MANAGEMENT SYSTEM STE Problem Statement Handling reservations, automer data, billing and payment information, scheduling rooms and tracking howekeeping directedious necessary functions of a hotel making manual processing of these activities time consuming and error prone. A digital HMS is required to streamline operations enhance sustomer experience and optimize hotel nesources. IEEE standard SRS document Software & Requirement specification Introduction 1.1 Purpose of this document The purpose of this document is to specify the requirements for the development of a Hotel Management System. The HMC will handle recernations, customer bookings, billing, payment and house keeping on mag management. It will also generate reports of occupancy rates, nevenue and staff performance. The expten will cates to the hotel staff. customers and administrators. This document is a argumence for developers, testers and other stakeholders throughout the project lifecycle

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	and enhancing automer experience.
	The same of the sa
3.	Functional Requirements
	Fri: Book modify or cancel reservations.
- 415-14	FR2: Store westomer records with secure data
	handling
- Array	FR3: Assign grooms based on availability
- Hospita	and customer requirements.
	FR1: generate accurate bille, process payment
	via cash oredot card online transfers.
	FRS: Toack room cleaning and other housekeeping
	taske.
hors	performance reviews for administrators.
	performance reviewes for administrators.
	and the second s
4:	Interface Requirements
<u>a)</u>	ver Interfaces
	1. Customer Portal: Online booking and, payment
A Prototed	and fulback posted sections
105	2. the Staff Operations Panel: Manage reservations,
	gom status, billing
	3 Admir Dahbard: Report on revenue and
	performance.
	trees, in the get in a sold bed as they are to get as the
<u>b)</u>	Hardware Interfaces: Desktop Res, tablete, POS
Con More Page	tominal
c)	Software Interface: Fortegration with pryment
Aprend of	gatewaye.
<b>a</b>	Communication Interfaces: Internet connectivity,
	IAN for local notel systems
*	THE THE ROLL STREET
	1
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8. Brelininary Shedule and Buolget

a) pevelopment paration: 6 months

Analysis 4 perion - 2 months

pevelopment - 3 months

Testing and deployment - (month)

Budget estimate

Approximately 50,000 USD for design,

divelopments testing and deployment.