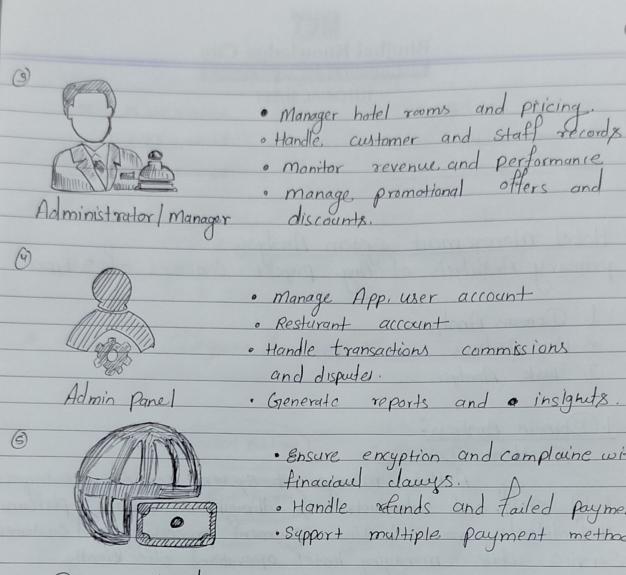
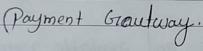
MET Bhujbal Knowledge City MET INSTITUTE OF COMPUTER SCIENCE

Date: 24 / 09 / 2025 TU	TORIAL SHEET
MCA Somet	Academic Year 2020
MCA Semester	Roll No 1554
Subject UIL	Signature of Faculty
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Hatal as	A desired a second of the latest A
System Management System	em Analysis
frimary Anaulysis of Ano	em Analysis 4 Project Consists of 3 Types:
1 0	
Jomain Anglysis	
g. User Analysis	
3. Task Analysis	and lane
The state of the s	sterson's in the all the
1. (Domain Analysis.)	
Problem Domain: -	
A Hotel man	agement system connects customers, to me through an anceline platform
hotel staff, and administ	Jament System Connects Custogers
It facilitailes mm ! !:	to 8x through an onceline platform
Service while have	, payment processing and customer
William Managing h	payment processing and customer total operations effectionally
0 000	D
Search -	for hotels and available rooms.
mark o	Dline, reservations
· Manage,	bookings (cancel, modify, extend
Stay)	inline, payments.
Customer • marke o	nline, payments
Customer	J. 127.25
	America Constant
Check-in	and all to 1
e maintai	and check-ount quests.
· marriain	room availability.
Manage	Eastomer queries and complaints
· House keeps	ing Staff ensures room
Cleanline	S.
	models where
© Ø	
Hotel	
Staff	and the state of t



· Ensure exyption and complaine with · Handle stunds and tailed payments

· Support multiple payment methods





(6)

Customer Support

· mediade disputes between users · Handle Complains / queries. · Provide 24/7 chart, call or Email Support

· Improve Customer satisfaction.

Functional Requirements. 1) Booking & Reservation management

- · Allows customers to Search available rooms, book, modify or cancel reservations.
- · Generales confirmations emails and invoices · Displays real - time availability of

2) Halal	
2) Hotel Dashbord (Admin Panel)	
· Canaid D	
Green to room and booking managements.	
· Disal confirmation emails and invoices	
· frage real-time availability of yours.	
Notifies admin of low inventory, maintenance	
Tracks, and Customer feed feedback.	
sales, occupancy, and revenue.	
Consists of room and booking managements. Generales confirmation emails and invoices Displays real-time availability of rooms. Con Notifies admin of low inventory, maintenance. needs, and customer feed feedback. Tracks sales, occupancy, and revenue. 3) Payment Galacoaci	
- Allows Saleway.	
mobile Banking,	
Banking, OPI, etc.	
3) Payment Grateway: - Allows secure online transactions using Net Banking, Mobile Banking, UPI, etc. 4) Booking & Room Tracking:	
That KING.	
· Real - time tracking of room reservations and guest Checkins / Check-outs.	
Cherting of room reservations and guest	
the k-outs.	
5) Hotel Staff & Room Service.	
Service.	
· Routing quests to rooms and assigning houselessain land	
· Routing guests to rooms and assigning housekeeping tasks. · Communications between guests and hotel staff (e.g room Services, requests, speciacul a mangements).	
(e.g room Services, requests special a managements)	
Jestingements).	
6) User Feedback & Ratings.	
· Gryests can leave reviews and ratings on hotel samples	
· Gruests can leave reviews and ratings on hotel services, room, and staff.	
Non-Functional Requirements.	
1 Scalabilities Handles high traffix during sent and	
2. Availability (24/7) - System is accomplished on time	
1. Scalability - Handles high traffic during peak seasons. 2. Availability (24/7) - System is accessible anytime for bookings. 3. Reliablity (99%) - Ensures minimal downtime. 4. User Experience: - Smooth interface for guests, admin, and staff.	
2 Palentily (any) = Eta.	
5. reliability (93). Choures minimal downtime	
4. User Experience. Smooth Interface for guests,	
camin, and Statt.	

THE RESIDENCE AND ADDRESS OF THE PERSON NAMED IN

Domain Constrainuts!

1. Room Availability - Limited by the number of Vacant rooms at agiven time.

2. Payment Restrictions: - Ge Certain regions may not support specific payment methods. 3. Booking Cancellation - Refund policies for Canceled 4. Customer Support: - Gruests may Experience delays in & response or resolution. * Use Case Diagram for Hotel Management System: Cancel Booking Manage Bookings Book Room) User Check manage calls Receptionist Availability mange rooms Register manage paymenuts << Include>> Login (Check-in) Manage Users Check-out Manage Rooms Gruest Admin pay-Bills manage Patabase Hotel Management System.

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Date: 24 / 02/ 2025 TUTORIAL SHEET	A selective and the selection of the sel	
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	Roll No1554	
SubjectUIL	Signature of Faculty	
and the base of the second trans	star where	
Customer User Persona	common ubunit	
euho?		
· Individuals booking a hotel room · Families looking for Vacation stays · Business travelers booking for w	Marie Island	
· families looking for Vacation stack		
· Business travelers booking for w	ork. trips.	
- January Company	manage a Dispoil possity of	
Pain points.	Hole parassa bull a	
· Slow check-in/check-out proc	(ess.	
Poor room Service quality	Sell adiopal	
· Refund policy issues	Ald Same Contract of	
· Unresponsive Coustomer support	,	
1	This paid the	
Key Requirements.	a remain prime	
· User- Frendly booking system.	e builty complain	
· Real - time room availability tracking	Alaka Sainna S	
· Multiple payment options.	on the allegations	
· Booking modification & cancellation. Support.		
· 24/7 Customer @ assistance.	e limited coordin	
	· pagesterping	
Hotel Staff User Persona:		
who?	Ley Begingsmark	
- Hotel managerers handling bookings.	more soul loss	
- Front desk Stati managing Check-	ins & Check-outs.	
- Hotel managerers handling bookings Front desk staff managing check Howsekeeping staff ensuring room	Cleanliness.	
	tanas year	
Pain Points!	silator dastal a	
- High Commission tees on third-pa	arty bookings	
- inconsistent gust requests.		
- late or no-show reservation	on,	

key Requirements. · Eeffcient room management system · Automated gust chek-in & check-out · Transparent revenue tracking. · Seamless integration with Existing systems. · Timely payment settlements. * Hotel Staff User persona · Receptionists managing abeck-ins and Check-out. · Housekeeping statt maintaining room cleaniness · Hotel managers overseeing operations and guest Satisfactions. · Concierge Staff assisting guests with special requests Pain points! · Debuged payments from third-party booking platroms.
· Gruest complaints about room cleanliness or Service delays · Difficulty in managing high- Volume bookings during peall Seasons. · Limited coordination between departments (receptions house keeping , etc). key Requirements. · (Real-time, room availability tracking · Seamless communication between departments. · Automated guest check-ing chek-aut system.

o Transparent commission and revenue tracking · Instant notification for guest requests and room Service,

lask Analysis: Guest Experience Goal- The hotel booking system should allow customers to easily browse available rooms, make reservations, and manage their stay. Steps Involvedi-1. Open the Appl website & Login-Gyests enter their credentials or box 2. Browse Available Rooms- Filter rooms based on Pricing, amentites and availability. 3. select Room & And Services -Choose a room, add meal plans, special regusts, or additional Services. 4. Confirm Booking & Payment Secure booking with various Payment options 5. Receive Confirmation & Chek-in Details -Get adigital receipt and stuy details. * Gruest Experience:-Good - The hotel System Should allow Customers to book rooms, manage their stay, and acress services. Seamlessly. · steps Involved: -1. Login & Browse :- Guests day in and explore available youms and services. Q. Select Room & Add Services:-Choose a room, add Extra amenities like breakfast , Spa, or room service. 3. Checkout & payment - Enter guest details, confirm booking, and marke payment.

3. Checkout & payment - Enter quest details, confirm booking, and make payment. 4. Receive Confirmation: - Get booking details via & mail 5. Check-in & stay management-Self-check-in or front desk Check-in regust Services during the stay. 6. Checkout & Feedback - Complete the stay, Process

Payment I frequireed and provide feedback. * Hotel staff (Receptionist, Housekeeping, Manager)
- Goal - Manage bookings, assist gusts and ensure.

Smooth hotel opt operations. Step Involved: 1. Receive Booking Notification: - System alerts staff about new bookings.
2. Prepare for Cruest Arrivaul - Allocate rooms, Schedule, housekeeping. 3. Check-in process- Verify guest details, provide room 4. Manage. Gruest Requests'. - Handle room Service, Complaints and special requests. 5. Check out & Billing- Process Checul-out, finalize billing, and update room avialability. 6. Collect Guest Feedback. - Snather reviews for service improvements nts.

Howekeeping Staff?-1. Receive Cleaning Requests - Noti-fication from for room cleaning. 2. Prepare Room- clean, restock amenities and resport any maintenance issues. 3. Updade status - mark raoms as Glean and ready for new guests.