	1			PAGE No.	
7/10/24	Write class diagro	ims	for all	five ap	plications
; - 17 (3)	Hotel Management	Su	stem :	ndo	TAN A
,	THOUSE TO SEE	100	Alles no	11-11-11-11	1
	Hotel			eni se	Room
	· hotel ID: String				roam ID: string
	oname: String	ant	-1	100	room Type: String
	location String	031	0 323		price: float
3 History	rating: int	430	states	ouit il	availability Status-boo
	addRoom(room: Room):4	roid	.90	nit C	heck Amaila bility()
	remove Room ()			u	pdate Price()
	getHotelDetails()		Haira	- b	ookRoom()
LAB II	Augusto Franchingvon	Al-	ia plan		000
	a soft	2) 140	DY HORY	1	** day
29 100	man annua cons	7-1	· nuisale	MANAGE	Make
	Customer			Reser	ration
	customer ID. String	dat	HA Iracit	reservo	ation ID String
, policy a visita	name: String	200	or-609	custom	erID String
trans	contact Details: String	310	60/000		D: String
121/1/20	checkInDate: Date	migrames		reservat	tion Date: Date
111-	check Out Date: Date	29	tone of Day		Resonation()
no 25 F	makeRegervation()		***************************************	modifyR	eservation()
	cancel Reservation()			getReser	vation Details()
	getCustomerDetails()	91	npada .	monimi.	17891-8
	Branch S.	ben	Paym		
	ada are 6.	bas	payment	-	VO
	14/	2530	amount		
•			paymentDa		
	/	1	paymentstat	Tella Circumstantia	
			process Paym		
			refundPayor getRaymentDe	etails ()	

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DATE /	11	

2	Credit Card Process	ing man op mor	A function and		
	Customer		CreditCard		
	customer ID: string	77	card Number: String		
8717	name: String		expiryDate: Date		
. 47.	contactDetails: String		Cand Type: String		
SR C	email: String		CVV: String		
	createAccount()	tatus: Paglesa	validate(and()		
	up date Contact Details ()	()ofilids			
	get (unto mer Details()	()	updatetypiny Date()		
			0,*		
	noitsourpet		1		
	AT ASTAMOOD	1	,		
	Merchant	and the second s	Transaction		
	merchant ID: String	Decision objects	transaction_ID: String		
enin	name: String	soirte.	amount:float		
3	busineusType: String		transactionDate: Date		
9	Contact Details: String	91EC/:91Z	status: Storing process Transaction()		
Date	register Morchant()		refund Transaction ()		
	update Business Betails()	an entrana	get Transaction Details ()		
	get Merchant Details()		get i gris il cidi e i i i e		
	Po	ryment Grateway			
		tewayID: (tring			
	1	miderName: String			
		processPayment()			
	varify Fransaction ()				
	generate Fransaction Report ()				
		,			

	e1		PAGE No.	
(3)	Library Management	System	A brown to	
	0.11		Member	
	book ID: String	cn:		
	title: String		name. Storing	
	author: String	1 A POLIT	membership Type; String	
	ISBN: String	and committees and anger	Contact Details: String	
	availability Status: Boolean		bornow Booki)	
	check Availability()		return Book()	
(291,41	updatestatus()	()21	payFines()	
			YT	
	transaction + *			
	tandord 1			
1007	Librarian	P.	Transaction	
	11 branian ID: String		bansaction ID: String	
	name: String	100	borrowDate: Date	
	employmentDate: Date addBook()	200	returnDate: Date	
	removeBook()	Oto	fineAmount: float	
	manage Members ()	()2 is	calculate Fine()	
			megracer mee.	
	(o(mormic) to			
	/ side of in			
	Janes Sain			
	() rasmy Oreners () orithment likely			
	Thomas Manager			

			PAGE No. 15 DATE /
4	Ctock Maintenance	System	
Ologia Classic	Product product JD: string product Name: string category: String price: float stock Quantity: int updateStock() checkStock() set Price()	()2/2	Supplier ID: String supplier Name: String contact Details: String supplier Product() getsupplier Info() Stock
	Invontory Transaction transaction ID: String transaction Date: Date product ID: String quantity: int transaction Type: String create Transaction () get Transaction Details(Act of the second secon	Stock JD: String location: String last Updated: Date add Product() remove Product() get Stock Details()
		7 /h	

	El la	PAGE NO. DATE		
(4)	Passport Automation	System	(2) chack Mainte	
	Applicant		Application	1
-n102	applicant ID: String	coi coi	application ID; String	1
onisit o	name: String	pois	Submission Date: Date	
	date of Birth: Date		status: String	
	nationality: String	\$ 1996 visite visite visite v	FeePaid: Boolean	
	Contact Details: String	to	process Applications	
	submitApplication()		updatestatus()	
	update Contact Details()		generate Receipt ()	
	Cheek Application Status		C)apid Jaal	
	Strock		Out	
pa	os attaboss			
	Authority	K	Passport	
ate	authority ID: String	pne pne	passport ID: String	
	name: Spring	W Sound	issue Date: Date	
	designation string	antin capeta estara estara estara estara estara	expiny Date: Date	
0	approve Application ()		type: String	
	reject Application ()	300	renewPassport()	
	verifyApplication ()	Tri Stranda	validate Passporte)	
		Chalier	get Passport Details()	
		/1		
			1	
		4		
		17/3/		

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