



UNIVERSITI
TEKNOLOGI
PETRONAS

DATABASE SYSTEMS

TFB 1023

MAY 2023

GROUP ASSIGNMENT 1

NO.	NAME	ID NO.	COURSE
1.	Ferhad Edika Putra bin Azmi	22001321	Information Technology
2.	Amier Danial bin Mohd Fadzil	21001964	Information Technology
3.	Nur Yasmin Syed Reza Hezrin	22001880	Information Technology

RELATIONAL SCHEMA

Customer (CustID, CustReservationNum, CustFirstName, CustLastName, CustGender, CustNumGuest, CustPassport, CustIC, CustNationality, CustContact, **AddID**)

Invoice (InvID, InvNum, InvDate, InvBankAcc, InvTax, InvTotal, InvName, InvDesc, InvDetailOfCharges, InvSubtotal, **EmID, BookingID, StockID, CustID, AddID, PayID, SupplierID, MainID**)

Room_Payment (RoomPID, RoomPNum, RoomPPrice, RoomPAmountDue, RoomPDeposit, RoomPCheckIn, RoomPCheckOut, RoomPAddCharges, RoomPRemarks, RoomPPrefund, **InvID, RoomID**)

Restaurant_Payment (RestPID, RestPTableNum, RestPWaiterName, RestPMembership, RestPVoucher, RestPQuantity, RestPModifyPrice, RestPDiningOption, RestPDiscount, RestPCustFeedback, **RestID, InvID**)

Laundry (LaundryID, LaundryName, LaundryRoomNumber, LaundryItem, LaundryQuantity, LaundryCharge, LaundryServiceType, LaundryTotal, LaundryTax, LaundryActualTotal, **RoomID, CustID, EmID**)

Booking (BookingID, BookTime, BookStartDate, BookEndDate, BookTotalPrice, BookStatus, BookPackage, BookSpecialReq, BookPaymentStatus, BookLoyaltyProgram, **CustID, RoomID, AddID, EmID**)

Room (RoomID, RoomSize, RoomTotalRooms, RoomTotalDays, RoomTotalNight, RoomPax, RoomType, RoomBedSize, RoomNumOfBed, RoomReservationSource, **CustID, EmID**)

Restaurant (RestID, RestName, RestType, RestQuantity, RestPrice, RestPortion, RestDesc, RestCousine, RestIngredients, RestCourse, **BookingID, EmID, SupplierID**)

Payment (PayID, PayAmount, PayBillNum, PayType, PayAccountType , PayBankName, PayCardholderName, PayCreditCardNumber, PayExpiryDate, PayRemark, **BookingID**, **StockID**, **RestID**, **EmID**, **BillID**, **SalaryID**, **SupplierID**, **MainID**, **RoomID**, **LaundryID**, **CustID**)

Employee (EmID, EmDepartment, EmPosition, EmGender, EmAge, EmName, EmEmail, EmDoB, EmNationality, EmContactNum, **AddID**, **InvenID**)

Bill (BillID, BillAccountNumber, BillCode, BillTime, BillDate, BillDateDue, BillTax, BillTotal, BillSubTotal, BillPaymentTerms, **AddID**, **EmID**)

Electric (ElecID, ElecInvoiceNum, ElecMeterNum, ElecUsage, ElecSubTotal, ElecTotal, ElecOldMeterNum, ElecNewMeterNum, ElecRate, ElecUnit, **BillID**)

Water (WaterID, WaterRefNum, WaterTax, WaterBillNum, WaterExplanation, WaterOldMeterNum, WaterNewMeterNum, WaterAmount, WCustomerServiceEmail, WaterCustomerServicePhoneNum, **BillID**)

Maintenance (MainID, MainRequest_By, MainDepartment, MainDate, MainItemAttention, MainStatus, MainLocation, MainFault, MainRemarks, MainReasons, **ItemID**, **EmID**)

Stock (StockID, StockName, StockPrice, StockType, StockDateOfProduction, StockExpiryDate, StockQuantity, StockStatus, StockWarranty, StockWeight, **EmID**, **InventID**, **SupplierID**)

Items (ItemID, ItemName, ItemRefNum, ItemType, ItemModal, ItemAmount, ItemBrand, ItemPrice, ItemSize, ItemCategory, **EmID**)

Address (AddID, AddUnitNum, AddFloorNum, AddStreet, AddCity, AddState, AddPostalCode, AddCountry, AddBuildingName, AddDistrict)

Supplier (SupplierID, SupplierName, SupplierEmail, SupplierContact, SupplierType, SupplierProduct, SupplierDiscount, OrderDate, ReceivedDate, CourierType, **EmID**, **AddID**)

Inventory (InvenID, InvenQuantity, InvenUnit, InvenDescription, InvenStockBalance, InvenCheckColumn, InvenQuantityIssued, InvenUnitPrice, InvenAmount, InvenOrderBy, InvenApprovedBy)

Salary_Claim (SalaryID, SalaryRefNumber, SalaryName, SalaryDepartment, SalaryDate, SalaryDateOfOvertime, SalaryWorkingShiftStart, SalaryWorkingShiftEnd, SalaryTotalDayShiftHours, SalaryTotalClaimHours, **EmID**)

Job_Application (JobID, JobPosition, JobFamilyDetails, JobAcademicQualification, JobCoursesUndergone, JobCurrentEmployer, JobYearExperience, JobLanguages, JobExpectedSalary, JobCharacterReference, **AddID**, **EmID**)

Leave_Application (LeaveID, LeaveName, LeaveDepartment, LeaveDesignation, LeaveDateJoined, LeaveTotalDays, LeaveReason, LeaveTime, LeaveBalance, LeaveUpdatedBy, **EmID**)

Inv_Stock (**InvID**, **StockID**)

Inv_Main (**InvID**, **MainID**)

Inv_Em (**InvID**, **EmID**)

Cust_Laundry (**CustID**, **LaundryID**)

Em_Laundry (**EmID**, **LaundryID**)

Job_Em (**JobID**, **EmID**)

Booking_Em (**BookingID**, **EmID**)

Room_Em (**RoomID**, **EmID**)

Em_Add (**EmID**, **AddID**)

Em_Main (**EmID**, **MainID**)

Em_Supplier (**EmID**, **SupplierID**)

Em_Bill (**EmID**, **BillID**)

Em_Item (EmID, ItemID)

Em_Stock (EmID, StockID)

Stock_Supplier (StockID, SupplierID)

Item_Main (ItemID, MainID)

2

Room_Booking (RoomID, BookingID)

Room_Cust (RoomID, CustID)

Cust_Add (CustID, AddID)

Room_Pay (RoomID, PayID)

Bill_Pay (BillID, PayID)

Em_Pay (EmID, PayID)

Main_Pay (MainID, PayID)

Supplier_Pay (SupplierID, PayID)

Cust_Pay (CustID, PayID)

Stock_Pay (StockID, PayID)

RoomP_Pay (RoomPID, PayID)

DATA LAYOUT

Customer

CustID (PK)	CustReservationNum	CustFirstName	CustLastName	CustGender
C001	RES001	Ahmad	Abdullah	Male
C002	RES002	Nurul	Jamaluddin	Female
C003	RES003	Mohd	Ibrahim	Male
C004	RES004	Siti	Hassan	Female
C005	RES005	Azman	Yusof	Male
C006	RES006	Aishah	Rahim	Female
C007	RES007	Hafiz	Hamid	Male
C008	RES008	Nor	Abdullah	Female
C009	RES009	Khairul	Rahim	Male
C010	RES010	Aina	Lopez	Female
C011	RES011	Ali	Rahman	Male
C012	RES012	Nurul	Yusof	Female
C013	RES013	Mohamad	Hassan	Male
C014	RES014	Fatimah	Ibrahim	Female
C015	RES015	Aziz	Ahmad	Male
C016	RES016	Noraini	Abdullah	Female
C017	RES017	Amir	Ali	Male
C018	RES018	Zulaikha	Sulaiman	Female
C019	RES019	Razif	Mohd	Male
C020	RES020	Farah	Mustafa	Female

CustNum Guest	CustPassport	CustIC	Cust Nationality	CustContact
2	AB123456	800515081234	Malaysia	+6012-3456789
1	CD789012	920920125678	Malaysia	+6010-9876543
3	EF345678	751210012345	Malaysia	+6011-2345678
1	GH567890	880625045678	Malaysia	+6019-8765432
2	IJ901234	960305078901	Malaysia	+6016-5432109
4	KL234567	831018034567	Malaysia	+6013-2109876
1	MN456789	901130056789	Malaysia	+6012-9876543
2	OP678901	860409089012	Malaysia	+6017-6543210
3	QR890123	780822112345	Malaysia	+6014-3210987
1	ST012345	940105096789	Malaysia	+6018-7654321
2	AB123456	800515081234	Malaysia	+6012-3456789
1	CD789012	920920125678	Malaysia	+6010-9876543
3	EF345678	751210012345	Malaysia	+6011-2345678
1	GH567890	880625045678	Malaysia	+6019-8765432
2	IJ901234	960305078901	Malaysia	+6016-5432109
4	KL234567	831018034567	Malaysia	+6013-2109876
1	MN456789	901130056789	Malaysia	+6012-9876543
2	OP678901	860409089012	Malaysia	+6017-6543210
3	QR890123	780822112345	Malaysia	+6014-3210987
1	ST012345	940105096789	Malaysia	+6018-7654321

PayID (FK)	AddID (FK)	RestID (PK)
PID001	AID001	RT001
PID002	AID002	RT002
PID003	AID003	RT003
PID004	AID004	RT004
PID005	AID005	RT005
PID006	AID006	RT006
PID007	AID007	RT007
PID008	AID008	RT008
PID009	AID009	RT009
PID010	AID010	RT010
PID011	AID011	RT011
PID012	AID012	RT012
PID013	AID013	RT013
PID014	AID014	RT014
PID015	AID015	RT015
PID016	AID016	RT016
PID017	AID017	RT017
PID018	AID018	RT018
PID019	AID019	RT019
PID020	AID020	RT020

INVOICE

InvID (PK)	InvNum	InvDate	InvBankAcc	InvTax
I001	INV001	2023-06-01	1234567890	6.00
I002	INV002	2023-06-02	0987654321	6.00
I003	INV003	2023-06-03	5678901234	6.00
I004	INV004	2023-06-04	4321098765	6.00
I005	INV005	2023-06-05	9012345678	6.00
I006	INV006	2023-06-06	7654321098	6.00
I007	INV007	2023-06-07	2345678901	6.00
I008	INV008	2023-06-08	6789012345	6.00
I009	INV009	2023-06-09	3456789012	6.00
I010	INV010	2023-06-10	8901234567	6.00
I011	INV011	2023-06-11	1234567890	3.00
I012	INV012	2023-06-12	0987654321	3.00
I013	INV013	2023-06-13	5678901234	3.00
I014	INV014	2023-06-14	4321098765	3.00
I015	INV015	2023-06-15	9012345678	3.00
I016	INV016	2023-06-16	7654321098	3.00
I017	INV017	2023-06-17	2345678901	3.00
I018	INV018	2023-06-18	6789012345	3.00
I019	INV019	2023-06-19	3456789012	3.00
I020	INV020	2023-06-20	8901234567	3.00

InvTotal	InvName	InvDesc	InvDetailOfCharges	InvSubtotal
500.00	Ahmad	Room Booking	Extra Bed	561.50
800.00	Jessica	Room Booking	Extra Bed	944.00
350.00	Mohd	Room Booking	N/A	384.25
1100.00	Olivia	Room Booking	N/A	1241.00
600.00	Aishah	Room Booking	Late check-out	678.00
700.00	Michael	Room Booking	N/A	784.00
400.00	Nor	Room Booking	N/A	446.00
780.00	Fatimah	Room Booking	N/A	879.00
500.00	Amir	Room Booking	Late check-out	561.50
900.00	Aisyah	Room Booking	Extra Bed	1011.00
250.00	Sarah	Restaurant	Food and Drinks	257.50
420.00	Muhammad	Restaurant	Food and Drinks	432.60
180.00	Nurul	Restaurant	Food and Drinks	185.40
350.00	William	Restaurant	Food and Drinks	360.50
520.00	Emily	Restaurant	Food and Drinks	536.60
280.00	Daniel	Restaurant	Food and Drinks	289.40
400.00	Siti	Restaurant	Food and Drinks	412.00
610.00	Ethan	Restaurant	Food and Drinks	629.30
470.00	Mia	Restaurant	Food and Drinks	484.10
550.00	Benjamin	Restaurant	Food and Drinks	566.50

EmID (FK)	BookingID (FK)	StockID (FK)	CustID (FK)	AddID (FK)	PayID (FK)
EID001	B001	SID001	C001	AID001	PID001
EID002	B002	SID002	C002	AID002	PID002
EID003	B003	SID003	C003	AID003	PID003
EID004	B004	SID004	C004	AID004	PID004
EID005	B005	SID005	C005	AID005	PID005
EID006	B006	SID006	C006	AID006	PID006
EID007	B007	SID007	C007	AID007	PID007
EID008	B008	SID008	C008	AID008	PID008
EID009	B009	SID009	C009	AID009	PID009
EID010	B010	SID010	C010	AID010	PID010
EID011	B011	SID011	C011	AID011	PID011
EID012	B012	SID012	C012	AID012	PID012
EID013	B013	SID013	C013	AID013	PID013
EID014	B014	SID014	C014	AID014	PID014
EID015	B015	SID015	C015	AID015	PID015
EID016	B016	SID016	C016	AID016	PID016
EID017	B017	SID017	C017	AID017	PID017
EID018	B018	SID018	C018	AID018	PID018
EID019	B019	SID019	C019	AID019	PID019
EID020	B020	SID020	C020	AID020	PID020

SupplierID(FK)	MainID (FK)
SP001	MID001
SP002	MID002
SP003	MID003
SP004	MID004
SP005	MID005
SP006	MID006
SP007	MID007
SP008	MID008
SP009	MID009
SP010	MID010
SP011	MID011
SP012	MID012
SP013	MID013
SP014	MID014
SP015	MID015
SP016	MID016
SP017	MID017
SP018	MID018
SP019	MID019
SP020	MID020

Room_Payment

RoomPID (PK)	RoomPNum	RoomPPrice	RoomPAmountDue	RoomPDeposit
RD001	101	150.00	600.00	50.00
RD002	202	200.00	1000.00	100.00
RD003	303	180.00	900.00	70.00
RD004	404	220.00	2200.00	200.00
RD005	505	190.00	950.00	100.00
RD006	606	175.00	875.00	100.00
RD007	707	205.00	615.00	75.00
RD008	808	195.00	975.00	150.00
RD009	909	225.00	1125.00	100.00
RD010	1010	210.00	1050.00	300.00
RD011	1111	230.00	1150.00	120.00
RD012	1212	240.00	1200.00	90.00
RD013	1313	260.00	1300.00	80.00
RD014	1414	180.00	900.00	50.00
RD015	1515	200.00	1000.00	70.00
RD016	1616	220.00	1100.00	110.00
RD017	1717	190.00	950.00	90.00
RD018	1818	210.00	1050.00	120.00
RD019	1919	230.00	1150.00	70.00
RD020	2020	250.00	1250.00	140.00

RoomPCheckIn	RoomPCheckOut	RoomPAddCharges	RoomPRemarks	RoomPRefund
2023-06-01	2023-06-05	25.00	None	0.00
2023-06-02	2023-06-07	50.00	Late check-in	0.00
2023-06-03	2023-06-08	30.00	None	0.00
2023-06-04	2023-06-09	50.00	Extra towels	0.00
2023-06-05	2023-06-10	70.00	None	0.00
2023-06-06	2023-06-11	50.00	None	0.00
2023-06-07	2023-06-12	15.00	None	0.00
2023-06-08	2023-06-13	30.00	None	0.00
2023-06-09	2023-06-14	50.00	None	0.00
2023-06-10	2023-06-15	90.00	None	0.00
2023-06-11	2023-06-16	25.00	None	0.00
2023-06-12	2023-06-17	20.00	Early check-in	0.00
2023-06-13	2023-06-18	30.00	None	0.00
2023-06-14	2023-06-19	40.00	Extra amenities	0.00
2023-06-15	2023-06-20	25.00	None	0.00
2023-06-16	2023-06-21	30.00	None	0.00
2023-06-17	2023-06-22	10.00	None	0.00
2023-06-18	2023-06-23	25.00	Early check-in	0.00
2023-06-19	2023-06-24	15.00	None	0.00
2023-06-20	2023-06-25	20.00	Late check-out	0.00
2023-06-21	2023-06-26	30.00	None	0.00

InvID (FK)
I001
I002
I003
I004
I005
I006
I007
I008
I009
I010
I011
I012
I013
I014
I015
I016
I017
I018
I019
I020

Restaurant_Payment

RestPID (PK)	RestPTableNum	RestPWaiterName	RestPMembership	RestPVoucher
RP001	5	John	Gold	VOUCHER25
RP002	8	Sarah	Silver	N/A
RP003	3	David	Bronze	VOUCHER10
RP004	10	Lisa	None	N/A
RP005	6	Mark	Gold	VOUCHER15
RP006	2	Emily	Silver	N/A
RP007	4	Alex	Gold	VOUCHER20
RP008	9	Jessica	None	N/A
RP009	7	Michael	Bronze	VOUCHER10
RP010	1	Amira	None	N/A

RestPFeatures	RestPModifyPrice	RestPDining Option	RestPDiscount	RestPCust Feedback
Outdoor seating	No	Takeout	15%	Excellent service, great food!
Live music	Yes	Dine-in	None	Average experience, food was okay.
Wi-Fi available	No	Dine-in	10%	Food was delicious, but service was slow.
Outdoor seating	Yes	Takeout	None	Good food, reasonable prices.
Wheelchair accessible	No	Dine-in	20%	Amazing experience, highly recommended!
Takeout available	Yes	Takeout	None	Quick service, but food was cold.
Outdoor seating	No	Dine-in	10%	Friendly staff, cozy atmosphere.
Live music	Yes	Takeout	None	Average food quality, overpriced.
Wi-Fi available	No	Dine-in	5%	Great variety on the menu, attentive service.
Wi-Fi available	No	Dine-in	None	Pretty Average

RestID (FK)	InvID (FK)
RT001	I001
RT002	I002
RT003	I003
RT004	I004
RT005	I005
RT006	I006
RT007	I007
RT008	I008
RT009	I009
RT010	I010

Laundry

LaundryID (PK)	LaundryName	LaundryRoom Number	LaundryItem	Laundry Quantity
L001	Ali	301	Shirt	2
L002	Fatimah	402	Pants	1
L003	Mohd	503	Dress	3
L004	Aishah	604	Sweater	2
L005	Nurul	705	Bed Sheet	4
L006	Ahmad	806	Towel	3
L007	Siti	907	Blouse	2
L008	Nor	1008	Jeans	1
L009	Amir	1109	Jacket	1
L010	Aisyah	1210	Pillow Case	2
L011	Hafiz	1311	Socks	5
L012	Zahra	1412	Towel	2
L013	Kamal	1513	T-Shirt	3
L014	Sofia	1614	Bed Sheet	1
L015	Rizwan	1715	Pants	2
L016	Maya	1816	Blouse	3
L017	Amirul	1917	Shirt	2
L018	Sara	2018	Dress	1
L019	Haziq	2119	Jacket	1
L020	Nisa	2220	Pillow Case	2

Laundry Charge	LaundryServiceType	LaundryTotal	LaundryTax	rooActual Total
5.00	Express	10.00	6.00	10.60
8.00	Regular	8.00	6.00	8.48
10.00	Express	30.00	6.00	31.80
12.00	Regular	24.00	6.00	25.44
15.00	Express	60.00	6.00	63.60
7.00	Regular	9.00	6.00	9.54
10.00	Express	14.00	6.00	14.84
15.00	Regular	10.00	6.00	10.60
2.00	Express	15.00	6.00	15.90
7.00	Regular	4.00	6.00	4.24
15.00	Express	15.00	6.00	15.90
4.00	Regular	4.00	6.00	4.24
8.00	Express	10.00	6.00	10.60
12.00	Regular	8.00	6.00	8.48
30.00	Express	30.00	6.00	31.80
6.00	Regular	24.00	6.00	25.44
60.00	Express	60.00	6.00	63.60
9.00	Regular	9.00	6.00	9.54
14.00	Express	14.00	6.00	14.84
10.00	Regular	10.00	6.00	10.60

RoomID (FK)	CustID (FK)	EmID (FK)
R001	C001	EID001
R002	C002	EID002
R003	C003	EID003
R004	C004	EID004
R005	C005	EID005
R006	C006	EID006
R007	C007	EID007
R008	C008	EID008
R009	C009	EID009
R010	C010	EID010
R011	C011	EID011
R012	C012	EID012
R013	C013	EID013
R014	C014	EID014
R015	C015	EID015
R016	C016	EID016
R017	C017	EID017
R018	C018	EID018
R019	C019	EID019
R020	C020	EID020

Booking

BookingID (PK)	BookTime	BookStartDate	BookEndDate	BookTotalPrice
B001	09:00 AM	2023-07-01	2023-07-05	500
B002	10:30 AM	2023-08-15	2023-08-20	800
B003	02:15 PM	2023-09-10	2023-09-15	350
B004	04:30 PM	2023-07-20	2023-07-25	650
B005	11:45 AM	2023-08-05	2023-08-10	450
B006	03:30 PM	2023-09-01	2023-09-07	700
B007	08:00 AM	2023-07-10	2023-07-15	550
B008	01:45 PM	2023-08-25	2023-09-01	900
B009	05:15 PM	2023-09-15	2023-09-20	400
B010	10:00 AM	2023-07-05	2023-07-08	300
B011	09:30 AM	2023-08-01	2023-08-05	550
B012	11:00 AM	2023-09-10	2023-09-20	950
B013	02:45 PM	2023-07-25	2023-07-30	600
B014	05:30 PM	2023-08-10	2023-08-15	700
B015	10:45 AM	2023-09-05	2023-09-10	400
B016	03:15 PM	2023-07-15	2023-07-20	750
B017	08:30 AM	2023-08-20	2023-08-25	800
B018	12:15 PM	2023-09-01	2023-09-05	350
B019	06:00 PM	2023-07-30	2023-08-05	900
B020	10:30 AM	2023-08-05	2023-08-12	650

BookStatus	BookPackage	BookSpecialReq	BookPayment Status	BookLoyalty Program
Confirmed	Standard	None	Paid	Silver
Confirmed	Deluxe	Vegetarian meals	Paid	Gold
Pending	Economy	None	Pending	None
Confirmed	Deluxe	None	Paid	Silver
Confirmed	Standard	None	Paid	Bronze
Confirmed	Suite	None	Paid	Gold
Confirmed	Deluxe	None	Paid	Silver
Confirmed	Standard	Vegan meals	Paid	Gold
Pending	Economy	None	Pending	None
Confirmed	Standard	None	Paid	Bronze
Confirmed	Deluxe	None	Paid	Silver
Pending	Economy	None	Pending	None
Confirmed	Standard	Vegan meals	Paid	Gold
Pending	Economy	None	Pending	Gold
Confirmed	Deluxe	None	Paid	Silver
Confirmed	Standard	Vegetarian meals	Paid	Silver
Pending	Economy	None	Pending	Bronze
Confirmed	Suite	None	Paid	Bronze
Confirmed	Deluxe	None	Paid	None
Pending	Economy	None	Pending	None

CustID (FK)	EmID (FK)	RoomID (FK)	AddID (FK)
C001	EID001	R001	AID001
C002	EID002	R002	AID002
C003	EID003	R003	AID003
C004	EID004	R004	AID004
C005	EID005	R005	AID005
C006	EID006	R006	AID006
C007	EID007	R007	AID007
C008	EID008	R008	AID008
C009	EID009	R009	AID009
C010	EID010	R010	AID010
C011	EID011	R011	AID011
C012	EID012	R012	AID012
C013	EID013	R013	AID013
C014	EID014	R014	AID014
C015	EID015	R015	AID015
C016	EID016	R016	AID016
C017	EID017	R017	AID017
C018	EID018	R018	AID018
C019	EID019	R019	AID019
C020	EID020	R020	AID020

Room

RoomID (PK)	RoomSize	RoomTotalRooms	RoomTotalDays	RoomTotalNight
R001	Standard	1	5	4
R002	Deluxe	1	3	2
R003	Standard	1	7	6
R004	Suite	1	2	1
R005	Deluxe	1	4	3
R006	Standard	1	1	1
R007	Suite	1	6	5
R008	Deluxe	1	3	2
R009	Standard	1	2	1
R010	Suite	1	4	3
R011	Standard	1	3	2
R012	Deluxe	1	5	4
R013	Standard	1	2	1
R014	Suite	1	7	6
R015	Deluxe	1	4	3
R016	Standard	1	1	1
R017	Suite	1	5	4
R018	Deluxe	1	3	2
R019	Standard	1	4	3
R020	Suite	1	2	1

RoomPax	RoomType	RoomBedSize	RoomNumOfBed	RoomReservationSource
2	Single	Queen	1	Online Booking
2	Double	King	1	Phone Reservation
1	Single	Twin	2	Walk-in
4	Quad	King	2	Online Booking
3	Triple	Queen	2	Phone Reservation
1	Single	Twin	1	Walk-in
2	Double	King	1	Online Booking
2	Double	Queen	1	Phone Reservation
1	Single	Twin	1	Walk-in
2	Double	King	1	Walk-in
2	Single	Queen	1	Online Booking
3	Double	King	2	Phone Reservation
1	Single	Twin	1	Walk-in
2	Double	King	1	Online Booking
2	Double	Queen	1	Phone Reservation
1	Single	Twin	1	Walk-in
2	Double	King	1	Walk-in
2	Single	Queen	1	Online Booking
3	Double	King	2	Phone Reservation
1	Single	Twin	1	Walk-in
2	Double	King	1	Walk-in

CustID (FK)	EmID (FK)	PayID (FK)	RoomPID (FK)
C001	EID001	PID001	RD001
C002	EID002	PID002	RD002
C003	EID003	PID003	RD003
C004	EID004	PID004	RD004
C005	EID005	PID005	RD005
C006	EID006	PID006	RD006
C007	EID007	PID007	RD007
C008	EID008	PID008	RD008
C009	EID009	PID009	RD009
C010	EID010	PID010	RD010
C011	EID011	PID011	RD011
C012	EID012	PID012	RD012
C013	EID013	PID013	RD013
C014	EID014	PID014	RD014
C015	EID015	PID015	RD015
C016	EID016	PID016	RD016
C017	EID017	PID017	RD017
C018	EID018	PID018	RD018
C019	EID019	PID019	RD019
C020	EID020	PID020	RD020

Restaurant

RestID (PK)	RestName	RestType	RestQuantity	RestPrice
RT001	Spaghetti	Main Course	1	12
RT002	Caesar Salad	Appetizer	1	8
RT003	Sushi Roll	Main Course	8	15
RT004	Chicken Soup	Soup	1	6
RT005	Margherita	Pizza	1	14
RT006	Tiramisu	Dessert	1	7
RT007	Beef Burger	Main Course	1	10
RT008	Fried Rice	Main Course	1	9
RT009	Caesar Wrap	Main Course	1	11
RT010	Chocolate Cake	Dessert	1	8
RT011	Chicken Alfredo	Main Course	1	13
RT012	Greek Salad	Appetizer	1	9
RT013	Tuna Roll	Main Course	8	16
RT014	Tomato Soup	Soup	1	7
RT015	Pepperoni	Pizza	1	15
RT016	Cheesecake	Dessert	1	8
RT017	Pulled Pork	Main Course	1	12
RT018	Pad Thai	Main Course	1	11
RT019	Caprese Wrap	Main Course	1	10
RT020	Apple Pie	Dessert	1	9

RestPortion	RestDesc	RestCuisine	RestIngredients	RestCourse
Single	Classic spaghetti	Italian	Pasta, tomatoes	Dinner
Single	Fresh greens, croutons	American	Lettuce, croutons	Lunch
Platter	Assorted sushi rolls	Japanese	Rice, fish, vegetables	Dinner
Single	Hearty chicken soup	American	Chicken, vegetables	Dinner
Large	Traditional pizza	Italian	Tomato sauce, cheese	Dinner
Single	Classic Italian dessert	Italian	Ladyfingers, mascarpone	Dessert
Single	Juicy beef burger	American	Beef patty, buns	Lunch
Single	Flavored fried rice	Asian	Rice, vegetables	Dinner
Single	Caesar salad in a wrap	American	Lettuce, chicken	Lunch
Single	Rich chocolate cake	International	Chocolate, flour	Dessert
Single	Grilled salmon	American	Salmon, herbs	Dinner
Single	Margherita pizza	Italian	Tomato sauce, mozzarella	Dinner
Platter	Beef fajitas	Mexican	Beef, bell peppers, onions	Dinner
Single	Vegetable stir-fry	Asian	Assorted vegetables	Dinner
Large	BBQ ribs	American	Pork ribs, barbecue sauce	Dinner
Single	Caprese salad	Italian	Mozzarella, tomatoes, basil	Lunch
Single	Chicken tikka masala	Indian	Chicken, tomato sauce	Dinner
Single	Greek gyro	Greek	Lamb, tzatziki sauce	Lunch
Single	Penne alfredo	Italian	Pasta, cream sauce	Dinner
Single	Mushroom risotto	Italian	Arborio rice, mushrooms	Dinner

EmID (FK)	BookingID (FK)	SupplierID (FK)
EID001	B001	SP001
EID002	B002	SP002
EID003	B003	SP003
EID004	B004	SP004
EID005	B005	SP005
EID006	B006	SP006
EID007	B007	SP007
EID008	B008	SP008
EID009	B009	SP009
EID010	B010	SP010
EID011	B011	SP011
EID012	B012	SP012
EID013	B013	SP013
EID014	B014	SP014
EID015	B015	SP015
EID016	B016	SP016
EID017	B017	SP017
EID018	B018	SP018
EID019	B019	SP019
EID020	B020	SP020

Payment

PayID (PK)	PayAmount	PayBillNum	PayType	PayAccountType
PID001	100	123456789	Visa	Savings
PID002	50	987654321	-	-
PID003	75	456789123	Mastercard	Checking
PID004	200	789123456	Visa	Savings
PID005	120	234567891	-	-
PID006	90	567891234	Mastercard	Checking
PID007	30	912345678	Visa	Savings
PID008	80	345678912	-	-
PID009	150	678912345	Mastercard	Checking
PID010	95	891234567	Visa	Savings
PID011	70	543216789	Mastercard	Checking
PID012	180	876543219	Visa	Savings
PID013	50	987612345	-	-
PID014	120	234589167	Mastercard	Checking
PID015	90	561239874	Visa	Savings
PID016	30	912378645	-	-
PID017	80	345612397	Mastercard	Checking
PID018	150	678934561	Visa	Savings
PID019	95	891245673	-	-
PID020	200	456719283	Mastercard	Checking

PayBank Name	PayCardholderName	PayCreditCard Number	PayExpiryDate	PayRemark
ABC Bank	John Doe	1234 5678 9012 3456	12/25	Payment received
-	-	-	-	Partial payment
XYZ Bank	Jane Smith	9876 5432 1098 7654	09/23	Full payment
DEF Bank	Michael Johnson	5678 9012 3456 7890	03/27	Payment pending
-	-	-	-	Payment completed
GHI Bank	Sarah Davis	9012 3456 7890 1234	08/24	Payment successful
JKL Bank	Robert Johnson	3456 7890 1234 5678	05/26	Payment received
-	-	-	-	Payment pending
MNO Bank	Emily Anderson	7890 1234 5678 9012	02/28	Full payment
PQR Bank	James Wilson	4567 8901 2345 6789	07/25	Payment completed
ABC Bank	John Doe	1234 5678 9012 3456	12/25	Payment received
-	-	-	-	Partial payment
XYZ Bank	Jane Smith	9876 5432 1098 7654	09/23	Full payment
DEF Bank	Michael Johnson	5678 9012 3456 7890	03/27	Payment pending
-	-	-	-	Payment completed
GHI Bank	Sarah Davis	9012 3456 7890 1234	08/24	Payment successful
JKL Bank	Robert Johnson	3456 7890 1234 5678	05/26	Payment received
-	-	-	-	Payment pending
MNO Bank	Emily Anderson	7890 1234 5678 9012	02/28	Full payment
MAYBANK	AMJAD	0382 7039 0932 0932	04/24	Full payment

BookingID (FK)	RestID (FK)	SalaryID (FK)	EmID (FK)	BillID (FK)
B001	RT001	S001	EID001	BID001
B002	RT002	S002	EID002	BID002
B003	RT003	S003	EID003	BID003
B004	RT004	S004	EID004	BID004
B005	RT005	S005	EID005	BID005
B006	RT006	S006	EID006	BID006
B007	RT007	S007	EID007	BID007
B008	RT008	S008	EID008	BID008
B009	RT009	S009	EID009	BID009
B010	RT010	S010	EID010	BID010
B011	RT011	S011	EID011	BID011
B012	RT012	S012	EID012	BID012
B013	RT013	S013	EID013	BID013
B014	RT014	S014	EID014	BID014
B015	RT015	S015	EID015	BID015
B016	RT016	S016	EID016	BID016
B017	RT017	S017	EID017	BID017
B018	RT018	S018	EID018	BID018
B019	RT019	S019	EID019	BID019
B020	RT020	S020	EID020	BID020

MainID (FK)	StockID (FK)	SupplierID (FK)	SalaryID (FK)
MID001	SID001	SP001	S001
MID002	SID002	SP002	S002
MID003	SID003	SP003	S003
MID004	SID004	SP004	S004
MID005	SID005	SP005	S005
MID006	SID006	SP006	S006
MID007	SID007	SP007	S007
MID008	SID008	SP008	S008
MID009	SID009	SP009	S009
MID010	SID010	SP010	S010
MID011	SID011	SP011	S011
MID012	SID012	SP012	S012
MID013	SID013	SP013	S013
MID014	SID014	SP014	S014
MID015	SID015	SP015	S015
MID016	SID016	SP016	S016
MID017	SID017	SP017	S017
MID018	SID018	SP018	S018
MID019	SID019	SP019	S019
MID020	SID020	SP020	S020

LaundryID (FK)	RoomID (FK)
L001	R001
L002	R002
L003	R003
L004	R004
L005	R005
L006	R006
L007	R007
L008	R008
L009	R009
L010	R010
L011	R011
L012	R012
L013	R013
L014	R014
L015	R015
L016	R016
L017	R017
L018	R018
L019	R019
L020	R020

Employee

EmID (PK)	EmDepartment	EmPosition	EmGender	EmAge
EID001	Front Desk	Manager	Male	35
EID002	Housekeeping	Housekeeper	Female	28
EID003	IT	IT Manager	Male	30
EID004	Finance	Accountant	Female	42
EID005	Sales	Sales Manager	Male	39
EID006	Concierge	Concierge	Female	31
EID007	IT	IT Analyst	Male	27
EID008	Finance	Financial Controller	Female	45
EID009	Sales	Sales Representative	Male	29
EID010	Front Desk	Receptionist	Female	37
EID011	Housekeeping	Housekeeper	Male	33
EID012	Sales	Sales Representative	Female	27
EID013	IT	Software Engineer	Male	31
EID014	Front Desk	Receptionist	Female	24
EID015	Finance	Financial Analyst	Male	35
EID016	Sales	Sales Associate	Female	29
EID017	Housekeeping	Room Attendant	Male	26
EID018	IT	Network Administrator	Female	38
EID019	Finance	Senior Accountant	Male	40
EID020	Front Desk	Guest Service Agent	Female	32

EmName	EmEmail	EmDoB	EmNationality	EmContactNum
Muhammad Rahman	Rahman@gmail.com	1988-05-15	Malaysia	+60 12-3456789
Nurul Azizah	Azizoh@gmail.com	1995-09-21	Malaysia	+60 17-9876543
Ahmad Hassan	Hassan@gmail.com	1992-12-10	Malaysia	+60 19-5551212
Siti Aminah	Aminahbanijoo@gmail.com	1979-07-04	Malaysia	+60 18-8889999
Mohd Yusof	Yusoftaiyoob@gmail.com	1982-03-18	Malaysia	+60 16-7778888
Noraini Abdullah	Norainigiloo@gmail.com	1990-11-29	Malaysia	+60 13-2345678
Farah Mohd	Farahkamil@gmail.com	1996-08-03	Malaysia	+60 11-1112222
Zainab Tan	Zainabmeletup@gmail.com	1978-02-14	Malaysia	+60 14-4445555
Iskandar Ibrahim	Seriiskandarbrahimcafe@gmail.com	1993-10-07	Malaysia	+60 10-9998887
Norlia Mohamad	Norliaitzy@gmail.com	1986-06-25	Malaysia	+60 15-1234567
Muhammad bin Ahmad	muhammadahmad@example.com	1990-01-01	Malaysia	+60 12-3456789
Nurul binti Mohd	nurulmohd@example.com	1995-06-10	Malaysia	+60 19-8765432
David bin Johnson	davidjohnson@example.com	1988-03-25	Malaysia	+60 16-5432109
Siti binti Emir	siti.emily@example.com	1992-11-15	Malaysia	+60 11-2345678
Muhammad bin Wilson	muhammadwilson@example.com	1985-07-20	Malaysia	+60 18-7654321
Nor binti Sarafuddin	norsarah@example.com	1997-04-05	Malaysia	+60 17-6543210
Christopher Lee	christopherlee@example.com	1991-09-18	Malaysia	+60 14-9876543
Fatimah binti Clark	fatimahclark@example.com	1987-12-08	Malaysia	+60 13-8765432
Amir bin Hernandez	amirhernandez@example.com	1994-08-02	Malaysia	+60 15-2345678
Aisyah binti Martinez	aisyahmartinez@example.com	1989-02-17	Malaysia	+60 12-3456789

AddID (FK)	InvenID (PK)
AID001	IV001
AID002	IV002
AID003	IV003
AID004	IV004
AID005	IV005
AID006	IV006
AID007	IV007
AID008	IV008
AID009	IV009
AID010	IV010
AID011	IV011
AID012	IV012
AID013	IV013
AID014	IV014
AID015	IV015
AID016	IV016
AID017	IV017
AID018	IV018
AID019	IV019
AID020	IV020

Bill

BillID (PK)	BillAccountNumber	BillCode	BillTime	BillDate
BID001	123456789	BC001	12:00	2022-01-01
BID002	987654321	BC002	14:30	2022-02-05
BID003	456789123	BC003	09:45	2022-03-10
BID004	789123456	BC004	16:15	2022-04-15
BID005	234567891	BC005	11:30	2022-05-20
BID006	567891234	BC006	15:45	2022-06-25
BID007	912345678	BC007	08:00	2022-07-30
BID008	345678912	BC008	13:30	2022-08-25
BID009	678912345	BC009	10:45	2022-09-30
BID010	891234567	BC010	17:15	2022-10-31
BID011	112233445	BC001	09:00	2022-11-05
BID012	556677889	BC002	13:45	2022-12-10
BID013	990011223	BC003	10:30	2023-01-15
BID014	334455667	BC004	16:00	2023-02-20
BID015	778899001	BC005	11:15	2023-03-25
BID016	112233445	BC006	15:30	2023-04-30
BID017	556677889	BC007	08:45	2023-05-05
BID018	990011223	BC008	14:15	2023-06-10
BID019	334455667	BC009	09:30	2023-07-15
BID020	778899001	BC010	17:00	2023-08-20

BillDateDue	BillTax	BillTotal	BillSubTotal	BillPaymentTerms
2022-01-15	5.00	180	200	Net 15 days
2022-02-20	5.00	335	350	Net 15 days
2022-03-25	5.00	480	500	Net 15 days
2022-04-30	5.00	775	800	Net 15 days
2022-06-04	5.00	435	450	Net 15 days
2022-07-10	5.00	140	150	Net 15 days
2022-08-14	5.00	95	100	Net 15 days
2022-09-09	5.00	290	300	Net 15 days
2022-10-15	5.00	535	550	Net 15 days
2022-11-15	5.00	225	250	Net 15 days
2022-12-15	5.00	160	180	Net 15 days
2023-01-20	5.00	383	400	Net 15 days
2023-02-25	5.00	580	600	Net 15 days
2023-03-30	5.00	825	850	Net 15 days
2023-04-15	5.00	335	350	Net 15 days
2023-05-20	5.00	180	200	Net 15 days
2023-06-25	5.00	114	120	Net 15 days
2023-07-30	5.00	270	280	Net 15 days
2023-08-15	5.00	435	450	Net 15 days
2023-09-15	5.00	288	320	Net 15 days

EmID (FK)	AddID (FK)
EID001	AID001
EID002	AID002
EID003	AID003
EID004	AID004
EID005	AID005
EID006	AID006
EID007	AID007
EID008	AID008
EID009	AID009
EID010	AID010
EID011	AID011
EID012	AID012
EID013	AID013
EID014	AID014
EID015	AID015
EID016	AID016
EID017	AID017
EID018	AID018
EID019	AID019
EID020	AID020

Electric

ElecID (PK)	ElecInvoiceNum	ElecMeterNum	ElecOldMeterNum	ElecNewMeterNum
EID001	INV001	819700044	54872	97523
EID002	INV002	819700044	73641	18209
EID003	INV003	819700044	62193	48051
EID004	INV004	819700044	91375	38209
EID005	INV005	819700044	82045	50963
EID006	INV006	819700044	42975	19753
EID007	INV007	819700044	37682	62849
EID008	INV008	819700044	58293	95632
EID009	INV009	819700044	70184	37290
EID010	INV010	819700044	85397	14095

ElecUsage (kWh)	ElecUnit	ElecRate	ElecTotal	ElecSubTotal
100245	kWh	1.6	100453	160724.8
150064	kWh	1.6	119842	191747.2
89076	kWh	1.6	114765	183624
1200	kWh	1.6	120870	193392
900	kWh	1.6	103635	165816
600	kWh	1.6	98756	158009.6
1000	kWh	1.6	100341	160545.6
1500	kWh	1.6	148921	238273.6
800	kWh	1.6	97056	155289.6
1200	kWh	1.6	120427	192683.2

BidID (FK)
BID001
BID002
BID003
BID004
BID005
BID006
BID007
BID008
BID009
BID010

Water

WaterID (PK)	WaterRefNum	WaterTax	WaterBillNum	WaterExplanation
WID001	REF001	3.00	WB001	Usage Charges
WID002	REF002	3.00	WB002	Late Payment
WID003	REF003	3.00	WB003	Adjustment
WID004	REF004	3.00	WB004	Usage Charges
WID005	REF005	3.00	WB005	Usage Charges
WID006	REF006	3.00	WB006	Late Payment
WID007	REF007	3.00	WB007	Usage Charges
WID008	REF008	3.00	WB008	Adjustment
WID009	REF009	3.00	WB009	Usage Charges
WID010	REF010	3.00	WB010	Usage Charges

WaterOld MeterNum	WaterNew MeterNum	WaterAmount (RM)	WCustomer ServiceEmail	WaterCustomer ServicePhoneNum
21875	59038	5089.40	customerservice@water.com	+1 123-456-7890
36391	62971	7532.00	support@watercompany.com	+1 987-654-3210
41233	78051	8010.00	info@watersupport.com	+1 555-123-4567
54928	88209	6950.70	help@watercompany.com	+1 888-999-0000
62381	90963	7894.30	support@waterprovider.com	+1 777-888-9999
79374	109753	7943.00	customerservice@water.com	+1 234-567-8901
89276	118449	7443.40	support@watercompany.com	+1 111-222-3333
97514	129632	5589.00	info@watersupport.com	+1 444-555-6666
107039	132590	8150.80	help@watercompany.com	+1 999-888-7777
111987	141095	7238.00	support@waterprovider.com	+1 123-456-7890

BillID (FK)
BID001
BID002
BID003
BID004
BID005
BID006
BID007
BID008
BID009
BID010

Maintenance

MainID (PK)	MainRequest_By	MainDepartment	MainDate	MainItemAttention
MID001	John Doe	Housekeeping	2022-03-10	Room 101
MID002	Jane Smith	Engineering	2022-02-28	Boiler Room
MID003	Sarah Johnson	Front Desk	2022-01-15	Lobby
MID004	David Lee	Maintenance	2022-04-05	Swimming Pool
MID005	Lisa Chen	Housekeeping	2022-03-20	Laundry Room
MID006	Michael Wong	Engineering	2022-02-10	Power Room
MID007	Emily Tan	Front Desk	2022-01-25	Conference Room
MID008	Kevin Lim	Maintenance	2022-04-15	Gym
MID009	Olivia Ng	Housekeeping	2022-03-05	Storage Room
MID010	Sophia Goh	Engineering	2022-02-15	Elevator
MID011	Eric Tan	Housekeeping	2022-03-18	Room 102
MID012	Michelle Wong	Engineering	2022-02-05	Generator Room
MID013	Alex Chen	Front Desk	2022-01-10	Lobby Lounge
MID014	Samantha Koh	Maintenance	2022-04-01	Tennis Court
MID015	Andrew Lim	Housekeeping	2022-03-25	Staff Locker Room
MID016	Rachel Tan	Engineering	2022-02-12	Security Office
MID017	Benjamin Ng	Front Desk	2022-01-28	Business Center
MID018	Grace Wong	Maintenance	2022-04-10	Parking Lot
MID019	William Tan	Housekeeping	2022-03-15	Pantry
MID020	Jessica Lim	Engineering	2022-02-20	IT Room

MainStatus	MainLocation	MainFault	MainRemarks	MainReasons
In Progress	Level 5, Wing A	Broken faucet	Faucet needs replacement	Wear and tear
Completed	Basement	Boiler leak	Repaired boiler	Maintenance overdue
Pending	Ground Floor	Faulty lightbulb	Replace lightbulb	Burned out
In Progress	Pool Area	Pool pump issue	Investigating the problem	Insufficient water flow
Completed	Level 2, Wing B	Washer breakdown	Repaired washing machine	Mechanical failure
In Progress	Basement	Power outage	Troubleshooting power supply	Electrical fault
Completed	Level 3, Wing C	Faulty projector	Replaced projector bulb	Maintenance scheduled
In Progress	Level 4, Wing D	Equipment damage	Assessing repair options	Accidental misuse
Pending	Basement	Water leakage	Investigating the source	Plumbing issue
Completed	Ground Floor	Stuck door	Repaired elevator	Malfunctioning door mechanism, safety concern
In Progress	Level 1, Wing E	HVAC malfunction	Investigating the issue	System failure
Pending	Level 2, Wing A	Clogged drain	Clearing the drain	Blockage
Completed	Level 3, Wing B	Broken window	Replaced window pane	Weather damage
In Progress	Level 4, Wing C	Internet outage	Troubleshooting network connection	Connectivity issue
Pending	Level 5, Wing D	Heating failure	Repairing heating system	Component malfunction
Completed	Basement	Gas leak	Repaired gas line	Equipment malfunction
In Progress	Ground Floor	Broken handrail	Assessing repair options	Wear and tear
Pending	Pool Area	Cracked tiles	Replacing damaged tiles	Structural damage
Completed	Level 1, Wing E	Malfunctioning alarm	Replaced faulty alarm component	Sensor failure
In Progress	Level 2, Wing A	Water heater issue	Investigating water heater problem	Malfunctioning thermostat

ItemID (FK)	EmID (FK)
IT001	EID001
IT002	EID002
IT003	EID003
IT004	EID004
IT005	EID005
IT006	EID006
IT007	EID007
IT008	EID008
IT009	EID009
IT010	EID010
IT011	EID011
IT012	EID012
IT013	EID013
IT014	EID014
IT015	EID015
IT016	EID016
IT017	EID017
IT018	EID018
IT019	EID019
IT020	EID020

Stock

StockID (PK)	StockName	StockPrice	StockType	StockDateOfProduction
SID001	Bed Linen Set	50	Hotel Item	2022-03-15
SID002	Bath Towels	20	Hotel Item	2022-02-28
SID003	Shampoo Bottles	10	Hotel Item	2022-01-10
SID004	Coffee Beans	30	Food Stock	2022-04-20
SID005	Rice	15	Food Stock	2022-03-05
SID006	Canned Tuna	8	Food Stock	2022-02-18
SID007	Bathrobes	35	Hotel Item	2022-05-10
SID008	Salad Dressing	12	Food Stock	2022-03-15
SID009	Pillows	25	Hotel Item	2022-02-05
SID010	Frozen Chicken	18	Food Stock	2022-01-20
SID011	Toothbrushes	5	Hotel Item	2022-06-12
SID012	Orange Juice	8	Food Stock	2022-05-25
SID013	Hand Soap	6	Hotel Item	2022-04-08
SID014	Cereal	10	Food Stock	2022-03-20
SID015	Tissues	3	Hotel Item	2022-02-15
SID016	Tomato Sauce	4	Food Stock	2022-01-30
SID017	Bath Mats	15	Hotel Item	2022-05-05
SID018	Bottled Water	2	Food Stock	2022-04-18
SID019	Lotion	8	Hotel Item	2022-03-10
SID020	Frozen Vegetables	7	Food Stock	2022-02-01

StockExpiry Date	StockQuantity	StockStatus	StockWarranty	StockSupplierName
-	100	In Stock	-	ABC Hotel Supplies
-	200	In Stock	-	XYZ Hotel Supplies
-	150	In Stock	-	PQR Hotel Supplies
2023-04-20	50	In Stock	1 Year	XYZ Coffee Supplier
2023-03-05	100	In Stock	1 Year	ABC Rice Supplier
2024-02-18	80	In Stock	2 Years	PQR Seafood Supplier
-	50	In Stock	-	MNO Hotel Supplies
2023-03-15	70	In Stock	1 Year	EFG Food Distributor
-	120	In Stock	-	JKL Hotel Supplies
2023-01-20	60	In Stock	1 Year	RST Poultry Supplier
-	100	In Stock	-	ABC Hotel Supplies
-	200	In Stock	-	XYZ Hotel Supplies
-	150	In Stock	-	PQR Hotel Supplies
2023-04-20	50	In Stock	1 Year	XYZ Coffee Supplier
2023-03-05	100	In Stock	1 Year	ABC Rice Supplier
2024-02-18	80	In Stock	2 Years	PQR Seafood Supplier
-	50	In Stock	-	MNO Hotel Supplies
2023-03-15	70	In Stock	1 Year	EFG Food Distributor
-	120	In Stock	-	JKL Hotel Supplies
2023-01-20	60	In Stock	1 Year	RST Poultry Supplier

SupplierID (FK)	EmID (FK)	InvenID (FK)
SP001	EID001	IV001
SP002	EID002	IV002
SP003	EID003	IV003
SP004	EID004	IV004
SP005	EID005	IV005
SP006	EID006	IV006
SP007	EID007	IV007
SP008	EID008	IV008
SP009	EID009	IV009
SP010	EID010	IV010
SP011	EID011	IV011
SP012	EID012	IV012
SP013	EID013	IV013
SP014	EID014	IV014
SP015	EID015	IV015
SP016	EID016	IV016
SP017	EID017	IV017
SP018	EID018	IV018
SP019	EID019	IV019
SP020	EID020	IV020

Items

ItemID (PK)	ItemName	ItemRefNum	ItemType	ItemModal
IT001	Broken Lamp	LMP001	Lighting	N/A
IT002	Damaged Chair	CHR002	Furniture	N/A
IT003	Broken Television	TV003	Electronics	Sony XYZ-1000
IT004	Cracked Mirror	MIR004	Decor	N/A
IT005	Faulty Hairdryer	HDR005	Appliances	XYZ HairCare Pro
IT006	Broken Safe	SFE006	Security	ABC SecureVault 2000
IT007	Torn Curtains	CUR007	Textiles	N/A
IT008	Leaking Faucet	FCT008	Plumbing	N/A
IT009	Cracked Glassware	GLS009	Glassware	N/A
IT010	Faulty AC Unit	ACU010	HVAC	XYZ CoolBreeze 5000
IT011	Worn-out Sofa	SOF011	Furniture	N/A
IT012	Malfunctioning Printer	PRT012	Electronics	ABC PrinterPro 2000
IT013	Cracked Vase	VAS013	Decor	N/A
IT014	Defective Microwave	MWO014	Appliances	XYZ QuickHeat 3000
IT015	Broken Door Lock	LCK015	Security	N/A
IT016	Stained Carpet	CAR016	Textiles	N/A
IT017	Faulty Water Heater	WHT017	Plumbing	XYZ HotFlow 1000
IT018	Chipped Dinnerware	DWR018	Glassware	N/A
IT019	Non-functional Oven	OVN019	Appliances	ABC ChefMaster 4000
IT020	Cracked Window	WIN020	Home Improvement	N/A

ItemAmount	ItemBrand	ItemPrice	ItemSize	ItemCategory
1	Generic	15.99	Small	Room Accessories
1	Hotel Furnishings Inc.	49.99	Medium	Room Furniture
1	Sony	299.99	Large	In-room Entertainment
1	Luxury Mirrors Ltd.	39.99	Medium	Bathroom Accessories
1	XYZ Company	29.99	Small	Room Appliances
1	ABC Security Systems	199.99	Large	In-room Security
2	Curtains Galore	79.99	Large	Room Decor
1	Plumbing Fixtures Inc.	19.99	N/A	Bathroom Fixtures
4	Glassware Co.	9.99	Small	Dining Accessories
1	XYZ HVAC Systems	599.99	Large	HVAC
1	Furniture Plus	199.99	Medium	Room Furniture
1	ABC Electronics	99.99	Large	In-room Entertainment
3	Bedding Basics	39.99	Medium	Bedding Accessories
1	Luxe Bathrooms	59.99	Small	Bathroom Accessories
2	Kitchen Essentials	14.99	Small	Kitchenware
1	XYZ Lighting	79.99	Large	Lighting
1	Security Solutions Inc.	149.99	Large	Security Systems
1	Decor Masters	49.99	Medium	Wall Decor
1	Plumbing Supply Co.	24.99	N/A	Plumbing Accessories
6	Dishware Delights	7.99	Small	Dining Accessories

EmID (FK)
EID001
EID002
EID003
EID004
EID005
EID006
EID007
EID008
EID009
EID010
EID011
EID012
EID013
EID014
EID015
EID016
EID017
EID018
EID019
EID020

Address

AddID (PK)	AddUnitNum	AddFloorNum	AddStreet	AddCity
AID001	12A	5	Jalan Tun Abdul Razak	Kuala Lumpur
AID002	6B	2	Jalan Sultan Ismail	Kuala Lumpur
AID003	15C	10	Jalan Ampang	Kuala Lumpur
AID004	8A	3	Jalan Raja Chulan	Kuala Lumpur
AID005	22B	15	Jalan P. Ramlee	Kuala Lumpur
AID006	1A	12	Jalan Kuning	Petaling Jaya
AID007	10B	4	Jalan Merah	Subang Jaya
AID008	7C	7	Jalan Hijau	Shah Alam
AID009	3A	6	Jalan Biru	Puchong
AID010	18B	3	Jalan Ungu	Klang
AID011	9C	8	Jalan Perak	Kuala Lumpur
AID012	5A	2	Jalan Sentul	Kuala Lumpur
AID013	14B	12	Jalan Bukit Bintang	Kuala Lumpur
AID014	11A	5	Jalan Ampang Hilir	Kuala Lumpur
AID015	17C	9	Jalan Raja Muda Abdul Aziz	Kuala Lumpur
AID016	2B	6	Jalan Damansara	Petaling Jaya
AID017	8A	3	Jalan SS 15/8	Subang Jaya
AID018	4C	7	Jalan Alamanda	Shah Alam
AID019	6A	5	Jalan Wawasan	Puchong
AID020	20B	2	Jalan Meru	Klang

AddState	AddPostalCode	AddCountry	AddBuildingName	AddDistrict
Federal	50400	Malaysia	Hotel Central	Golden Triangle
Federal	50250	Malaysia	Hotel Supplies	Brickfields
Federal	50450	Malaysia	Hotel Solutions	KLCC
Federal	50200	Malaysia	Hotel Gear	Bukit Bintang
Federal	50250	Malaysia	Hotel Accessories	KLCC
Selangor	46100	Malaysia	Serene Apartment	Taman Megah
Selangor	47500	Malaysia	Harmony Residence	SS15
Selangor	40150	Malaysia	Tranquil Heights	Section 7
Selangor	47100	Malaysia	Vista Apartments	Bandar Puteri
Selangor	41200	Malaysia	Majestic Residences	Bandar Baru Klang
Federal	50603	Malaysia	Regal Residence	Bukit Bintang
Federal	50100	Malaysia	Grand Hotel	Kuala Lumpur City
Federal	50480	Malaysia	Elite Suites	Mont Kiara
Federal	50350	Malaysia	Majestic Tower	Jalan Ipoh
Federal	50220	Malaysia	Royal Residences	Ampang
Selangor	43300	Malaysia	Tranquil Gardens	Shah Alam
Selangor	47301	Malaysia	Seri Heights	Seri Kembangan
Selangor	40170	Malaysia	Blissful Residences	Petaling Jaya
Selangor	47000	Malaysia	Harmonious Homes	Subang Jaya
Selangor	41150	Malaysia	Serendipity Suites	Puchong

Inventory

InvenID (PK)	InvenQuantity	InvenUnit	InvenDescription	InvenStock Balance
IV001	10	Pieces	Towels	50
IV002	5	Boxes	Bed Sheets	20
IV003	20	Bottles	Shampoo	100
IV004	15	Packs	Soap	30
IV005	8	Units	Toothbrushes	40
IV006	12	Pieces	Slippers	60
IV007	6	Packs	Bathrobes	25
IV008	3	Bottles	Conditioner	15
IV009	10	Boxes	Toilet Tissues	30
IV010	7	Units	Coffee Mugs	50
IV011	8	Pieces	Pillowcases	35
IV012	4	Boxes	Bath Towels	15
IV013	12	Bottles	Hand Soap	60
IV014	10	Packs	Tissues	25
IV015	15	Units	Hairbrushes	40
IV016	20	Pieces	Flip Flops	80
IV017	6	Packs	Cotton Balls	20
IV018	3	Bottles	Body Lotion	10
IV019	9	Boxes	Paper Napkins	35
IV020	5	Units	Glass Tumblers	30

InvenQuantity Issued	InvenUnitPrice	InvenAmount	InvenOrderBy	InvenApproved By
5	10.50	52.50	John	David
3	25.00	75.00	Sarah	Lisa
10	5.75	57.50	Michael	Adam
5	8.20	41.00	Emily	Jennifer
2	15.00	30.00	Daniel	Rachel
4	6.50	26.00	David	Amir
2	12.00	24.00	Jennifer	Nor
1	4.25	4.25	Lisa	Aishah
6	18.50	111.00	Adam	Mohd
3	9.75	29.25	Sarah	Ali
7	11.20	78.40	John	David
4	17.80	71.20	Emily	Lisa
8	7.60	60.80	Michael	Rachel
6	8.30	49.80	David	Amir
3	10.50	31.50	Jennifer	Nor
5	5.90	29.50	Daniel	Aishah
2	14.80	29.60	Sarah	Mohd
9	6.40	57.60	Lisa	Ali
3	3.60	10.80	Adam	David
1	9.60	9.60	Michael	Rachel

Salary_Claim

SalaryID (PK)	SalaryRefNumber	SalaryName	SalaryDepartment	SalaryDate
S001	REF001	Ali	HR	2022-01-05
S002	REF002	Fatimah	Finance	2021-07-12
S003	REF003	Mohd	Marketing	2020-03-20
S004	REF004	Aishah	IT	2023-02-10
S005	REF005	Nurul	Sales	2021-11-03
S006	REF006	Ahmad	Operations	2022-09-15
S007	REF007	Siti	HR	2020-06-28
S008	REF008	Nor	Finance	2021-04-01
S009	REF009	Amir	Marketing	2023-05-18
S010	REF010	Aisyah	IT	2022-11-30
S011	REF011	Zainab	Marketing	2022-02-15
S012	REF012	Abdullah	IT	2021-08-20
S013	REF013	Sarah	Sales	2020-04-10
S014	REF014	Hassan	HR	2023-03-05
S015	REF015	Aisha	Finance	2021-12-10
S016	REF016	Yusuf	Operations	2022-10-15
S017	REF017	Maya	Marketing	2020-08-01
S018	REF018	Khalid	IT	2021-05-05
S019	REF019	Layla	Sales	2023-06-20
S020	REF020	Ali	HR	2022-12-25

SalaryDateOf Overtime	SalaryWorking ShiftStart	SalaryWorking ShiftEnd	SalaryTotalDay ShiftHours	SalaryTotal ClaimHours
2021-12-30	09:00 AM	06:00 PM	8.0	9.0
2021-07-05	08:30 AM	05:30 PM	8.0	9.0
2020-03-10	10:00 AM	07:00 PM	8.0	9.0
2023-02-02	09:30 AM	06:30 PM	8.0	9.0
2021-11-01	09:00 AM	06:00 PM	8.0	9.0
2022-09-07	08:00 AM	05:00 PM	8.0	9.0
2020-06-19	09:30 AM	06:30 PM	8.0	9.0
2021-03-20	09:00 AM	06:00 PM	8.0	9.0
2023-05-09	10:00 AM	07:00 PM	8.0	9.0
2022-11-23	09:30 AM	06:30 PM	8.0	9.0
2023-07-11	09:00 AM	06:00 PM	9.0	11.0
2022-08-16	08:30 AM	05:30 PM	9.0	12.0
2021-02-28	10:00 AM	07:00 PM	9.0	13.0
2023-01-03	09:30 AM	06:30 PM	9.0	14.0
2022-10-17	09:00 AM	06:00 PM	9.0	15.0
2021-06-25	08:00 AM	05:00 PM	9.0	18.0
2020-12-01	09:30 AM	06:30 PM	9.0	34.0
2022-03-05	09:00 AM	06:00 PM	9.0	23.0
2023-04-15	10:00 AM	07:00 PM	9.0	29.0
2023-04-15	10:00 AM	07:00 PM	9.0	30.0

EmID (FK)
EID001
EID002
EID003
EID004
EID005
EID006
EID007
EID008
EID009
EID010
EID011
EID012
EID013
EID014
EID015
EID016
EID017
EID018
EID019
EID020

Job_Application

JobID (PK)	JobPosition	JobFamilyDetails	JobAcademic Qualification	JobCourses Undergone
J001	Software Developer	Married, 2 children	Bachelor's Degree	Software Engineering
J002	Financial Analyst	Single	Master's Degree	Finance and Accounting
J003	Marketing Executive	Married, 1 child	Diploma	Marketing Management
J004	Sales Representative	Single	High School Diploma	Sales Techniques
J005	IT Support Specialist	Married, 3 children	Bachelor's Degree	IT Support and Networking
J006	Operations Manager	Married	Master's Degree	Operations Management
J007	Human Resources Officer	Single	Bachelor's Degree	HR Management
J008	Accountant	Married, 2 children	Chartered Accountant	Financial Reporting
J009	Graphic Designer	Single	Diploma	Graphic Design
J010	Project Manager	Married, 1 child	Master's Degree	Project Management

JobCurrent Employer	JobYear Experience	JobLanguages	JobExpected Salary	JobCharacter Reference
ABC Tech	5 years	English, Malay	60000	John
XYZ Bank	3 years	English, Mandarin	50000	Sarah
XYZ Company	2 years	English, Malay	40000	Lisa
ABC Corporation	1 year	English, Mandarin	35000	Adam
XYZ IT Solutions	4 years	English, Malay	45000	Daniel
ABC Operations	6 years	English, Malay	70000	Emily
XYZ Corporation	2 years	English, Malay	40000	Michael
ABC Accounting Firm	7 years	English, Malay	55000	Rachel
XYZ Design Studio	3 years	English, Malay	35000	Jennifer
ABC Projects	8 years	English, Malay	80000	David

EmID (FK)	AddID (FK)
EID001	AID001
EID002	AID002
EID003	AID003
EID004	AID004
EID005	AID005
EID006	AID006
EID007	AID007
EID008	AID008
EID009	AID009
EID010	AID010

Leave_Application

LeaveID (PK)	LeaveName	LeaveDepartment	LeaveDesignation	LeaveDate Joined
L001	Ali	HR	Manager	2022-01-05
L002	Fatimah	Finance	Analyst	2021-07-12
L003	Mohd	Marketing	Executive	2020-03-20
L004	Aishah	IT	Developer	2023-02-10
L005	Nurul	Sales	Coordinator	2021-11-03
L006	Ahmad	Operations	Supervisor	2022-09-15
L007	Siti	HR	Assistant	2020-06-28
L008	Nor	Finance	Manager	2021-04-01
L009	Amir	Marketing	Analyst	2023-05-18
L010	Aisyah	IT	Developer	2022-11-30

LeaveTotal Days	LeaveReason	LeaveTime	Leave Balance	LeaveUpdatedBy
10	Family vacation	Full day	15	John
8	Personal	Half day	12	Sarah
12	Medical	Full day	7	Lisa
15	Maternity	Full day	20	Adam
9	Study leave	Half day	18	Daniel
11	Wedding	Full day	14	Emily
7	Bereavement	Full day	8	Michael
12	Personal	Half day	10	Rachel
10	Vacation	Full day	16	Jennifer
14	Medical	Full day	9	David

EmID (FK)
EID001
EID002
EID003
EID004
EID005
EID006
EID007
EID008
EID009
EID010

Supplier

SupplierID (PK)	SupplierName	SupplierEmail	SupplierContact	SupplierType
SP001	ABC Supplies	abc@example.com	John Smith	Electronics
SP002	XYZ Corporation	xyz@example.com	Sarah Johnson	Furniture
SP003	PQR Distributors	pqr@example.com	Michael Williams	Clothing
SP004	MNO Enterprises	mno@example.com	Jessica Davis	Electronics
SP005	JKL Suppliers	jkl@example.com	David Brown	Home Decor
SP006	RST Company	rst@example.com	Jennifer Wilson	Electronics
SP007	GHI Distributors	ghi@example.com	Robert Thompson	Clothing
SP008	EFG Suppliers	efg@example.com	Olivia Anderson	Home Decor
SP009	CBA Enterprises	cba@example.com	Daniel Harris	Electronics
SP010	UVW Corporation	uvw@example.com	Sophia Martinez	Furniture
SP011	LMN Suppliers	lmn@example.com	Emily Johnson	Home Decor
SP012	OPQ Distributors	opq@example.com	William Davis	Clothing
SP013	HIJ Enterprises	hij@example.com	Emma Wilson	Electronics
SP014	KLM Company	klm@example.com	Ethan Thompson	Furniture
SP015	DEF Suppliers	def@example.com	Amelia Anderson	Home Decor
SP016	GHI Corporation	ghi@example.com	Benjamin Harris	Electronics
SP017	JKL Distributors	jkl@example.com	Mia Martinez	Clothing
SP018	NOP Suppliers	nop@example.com	James Johnson	Home Decor
SP019	RST Enterprises	rst@example.com	Ava Davis	Electronics
SP020	UVW Distributors	uvw@example.com	Noah Wilson	Furniture

SupplierProduct	SupplierDiscount	OrderDate	ReceivedDate	CourierType
Laptop	5%	2023-01-10	2023-01-15	DHL
Sofa	10%	2023-02-05	2023-02-10	FedEx
T-Shirt	8%	2023-03-20	2023-03-25	UPS
Smartphone	12%	2023-04-12	2023-04-17	DHL
Wall Clock	6%	2023-05-08	2023-05-13	FedEx
TV	15%	2023-06-02	2023-06-07	UPS
Jeans	10%	2023-07-18	2023-07-23	DHL
Table Lamp	4%	2023-08-14	2023-08-19	FedEx
Camera	9%	2023-09-30	2023-10-05	UPS
Dining Table	7%	2023-11-22	2023-11-27	DHL
Chair	8%	2023-12-01	2023-12-10	FedEx
Headphones	5%	2023-12-13	2023-12-25	DHL
Dress	12%	2024-01-01	2024-01-05	UPS
Coffee Table	10%	2024-02-07	2024-02-15	DHL
Printer	7%	2024-02-28	2024-03-01	FedEx
Sunglasses	15%	2024-04-02	2024-04-10	UPS
Bed Frame	9%	2024-05-16	2024-05-20	DHL
Watch	6%	2024-06-01	2024-06-05	FedEx
Refrigerator	12%	2024-07-04	2024-07-15	UPS
Blender	8%	2024-08-13	2024-08-25	DHL

EmID (FK)	AddID (FK)
EID001	AID001
EID002	AID002
EID003	AID003
EID004	AID004
EID005	AID005
EID006	AID006
EID007	AID007
EID008	AID008
EID009	AID009
EID010	AID010
EID011	AID011
EID012	AID012
EID013	AID013
EID014	AID014
EID015	AID015
EID016	AID016
EID017	AID017
EID018	AID018
EID019	AID019
EID020	AID020

Inv_Stock

InvID (PK)	StockID (FK)
I001	SID001
I002	SID002
I003	SID003
I004	SID004
I005	SID005
I006	SID006
I007	SID007
I008	SID008
I009	SID009
I010	SID010
I011	SID011
I012	SID012
I013	SID013
I014	SID014
I015	SID015
I016	SID016
I017	SID017
I018	SID018
I019	SID019
I020	SID020

Inv_Main

InvID (PK)	MainID (FK)
I001	MID001
I002	MID002
I003	MID003
I004	MID004
I005	MID005
I006	MID006
I007	MID007
I008	MID008
I009	MID009
I010	MID010
I011	MID011
I012	MID012
I013	MID013
I014	MID014
I015	MID015
I016	MID016
I017	MID017
I018	MID018
I019	MID019
I020	MID020

Inv_Em

InvID (PK)	EmID (FK)
I001	EID001
I002	EID002
I003	EID003
I004	EID004
I005	EID005
I006	EID006
I007	EID007
I008	EID008
I009	EID009
I010	EID010
I011	EID011
I012	EID012
I013	EID013
I014	EID014
I015	EID015
I016	EID016
I017	EID017
I018	EID018
I019	EID019
I020	EID020

Cust_Laundry

CustID (PK)	LaundryID (FK)
C001	L001
C002	L002
C003	L003
C004	L004
C005	L005
C006	L006
C007	L007
C008	L008
C009	L009
C010	L010

Em_Laundry

EmID (PK)	LaundryID (FK)
EID001	L001
EID002	L002
EID003	L003
EID004	L004
EID005	L005
EID006	L006
EID007	L007
EID008	L008
EID009	L009
EID010	L010

Job_Em

JobID (PK)	EmID (FK)
J001	EID001
J002	EID002
J003	EID003
J004	EID004
J005	EID005
J006	EID006
J007	EID007
J008	EID008
J009	EID009
J010	EID010

Booking_Em

BookingID (PK)	EmID (FK)
B001	EID001
B002	EID002
B003	EID003
B004	EID004
B005	EID005
B006	EID006
B007	EID007
B008	EID008
B009	EID009
B010	EID010

Room_Em

RoomID (PK)	EmID (FK)
R001	EID001
R002	EID002
R003	EID003
R004	EID004
R005	EID005
R006	EID006
R007	EID007
R008	EID008
R009	EID009
R010	EID010

Em_Add

EmID (PK)	AddID (FK)
EID001	AID001
EID002	AID002
EID003	AID003
EID004	AID004
EID005	AID005
EID006	AID006
EID007	AID007
EID008	AID008
EID009	AID009
EID010	AID010

Em_Main

EmID (PK)	MainID (FK)
EID001	MID001
EID002	MID002
EID003	MID003
EID004	MID004
EID005	MID005
EID006	MID006
EID007	MID007
EID008	MID008
EID009	MID009
EID010	MID010

Em_Supplier

EmID (PK)	SupplierID (PK)
EID001	SP001
EID002	SP002
EID003	SP003
EID004	SP004
EID005	SP005
EID006	SP006
EID007	SP007
EID008	SP008
EID009	SP009
EID010	SP010

Em_Bill

EmID (PK)	BillID (FK)
EID001	BID001
EID002	BID002
EID003	BID003
EID004	BID004
EID005	BID005
EID006	BID006
EID007	BID007
EID008	BID008
EID009	BID009
EID010	BID010

Em_Items

EmID (PK)	ItemID (PK)
EID001	IT001
EID002	IT002
EID003	IT003
EID004	IT004
EID005	IT005
EID006	IT006
EID007	IT007
EID008	IT008
EID009	IT009
EID010	IT010

Em_Stock

EmID (PK)	StockID (FK)
EID001	SID001
EID002	SID002
EID003	SID003
EID004	SID004
EID005	SID005
EID006	SID006
EID007	SID007
EID008	SID008
EID009	SID009
EID010	SID010

Stock_Supplier

StockID (PK)	SupplierID (FK)
SID001	SP001
SID002	SP002
SID003	SP003
SID004	SP004
SID005	SP005
SID006	SP006
SID007	SP007
SID008	SP008
SID009	SP009
SID010	SP010

Item_Main

ItemID (PK)	MainID (PK)
IT001	MID001
IT002	MID002
IT003	MID003
IT004	MID004
IT005	MID005
IT006	MID006
IT007	MID007
IT008	MID008
IT009	MID009
IT010	MID010

Room_Booking

RoomID (PK)	BookingID (FK)
R001	B001
R002	B002
R003	B003
R004	B004
R005	B005
R006	B006
R007	B007
R008	B008
R009	B009
R010	B010

Room_Cust

RoomID (PK)	CustID (FK)
R001	C001
R002	C002
R003	C003
R004	C004
R005	C005
R006	C006
R007	C007
R008	C008
R009	C009
R010	C010

Cust_Add

CustID (FK)	AddID (FK)
C001	AID001
C002	AID002
C003	AID003
C004	AID004
C005	AID005
C006	AID006
C007	AID007
C008	AID008
C009	AID009
C010	AID010

Room_pay

RoomID (PK)	PayID (FK)
R001	PID001
R002	PID002
R003	PID003
R004	PID004
R005	PID005
R006	PID006
R007	PID007
R008	PID008
R009	PID009
R010	PID010
R011	PID011
R012	PID012
R013	PID013
R014	PID014
R015	PID015
R016	PID016
R017	PID017
R018	PID018
R019	PID019
R020	PID020

Bill_Payment

BillID (PK)	PayID (FK)
BID001	PID001
BID002	PID002
BID003	PID003
BID004	PID004
BID005	PID005
BID006	PID006
BID007	PID007
BID008	PID008
BID009	PID009
BID010	PID010
BID011	PID011
BID012	PID012
BID013	PID013
BID014	PID014
BID015	PID015
BID016	PID016
BID017	PID017
BID018	PID018
BID019	PID019
BID020	PID020

Em_Pay

EmID (PK)	PayID (FK)
EID001	PID001
EID002	PID002
EID003	PID003
EID004	PID004
EID005	PID005
EID006	PID006
EID007	PID007
EID008	PID008
EID009	PID009
EID010	PID010
EID011	PID011
EID012	PID012
EID013	PID013
EID014	PID014
EID015	PID015
EID016	PID016
EID017	PID017
EID018	PID018
EID019	PID019
EID020	PID020

Main_Pay

MainID (PK)	PayID (FK)
MID001	PID001
MID002	PID002
MID003	PID003
MID004	PID004
MID005	PID005
MID006	PID006
MID007	PID007
MID008	PID008
MID009	PID009
MID010	PID010
MID011	PID011
MID012	PID012
MID013	PID013
MID014	PID014
MID015	PID015
MID016	PID016
MID017	PID017
MID018	PID018
MID019	PID019
MID020	PID020

Supply_Pay

Supplier ID (PK)	PayID (FK)
SP001	PID001
SP002	PID002
SP003	PID003
SP004	PID004
SP005	PID005
SP006	PID006
SP007	PID007
SP008	PID008
SP009	PID009
SP010	PID010
SP011	PID011
SP012	PID012
SP013	PID013
SP014	PID014
SP015	PID015
SP016	PID016
SP017	PID017
SP018	PID018
SP019	PID019
SP020	PID020

Laundry_Pay

LaundryID (PK)	PayID (FK)
L001	PID001
L002	PID002
L003	PID003
L004	PID004
L005	PID005
L006	PID006
L007	PID007
L008	PID008
L009	PID009
L010	PID010
L011	PID011
L012	PID012
L013	PID013
L014	PID014
L015	PID015
L016	PID016
L017	PID017
L018	PID018
L019	PID019
L020	PID020

Cust_Payment

CustID (PK)	PayID (FK)
C001	PID001
C002	PID002
C003	PID003
C004	PID004
C005	PID005
C006	PID006
C007	PID007
C008	PID008
C009	PID009
C010	PID010
C011	PID011
C012	PID012
C013	PID013
C014	PID014
C015	PID015
C016	PID016
C017	PID017
C018	PID018
C019	PID019
C020	PID020

Stock_Payment

StockID (PK)	PayID (FK)
SID001	PID001
SID002	PID002
SID003	PID003
SID004	PID004
SID005	PID005
SID006	PID006
SID007	PID007
SID008	PID008
SID009	PID009
SID010	PID010
SID011	PID011
SID012	PID012
SID013	PID013
SID014	PID014
SID015	PID015
SID016	PID016
SID017	PID017
SID018	PID018
SID019	PID019
SID020	PID020

Room_Payment_Pay

RoomPID (PK)	PayID (FK)
RD001	PID001
RD002	PID002
RD003	PID003
RD004	PID004
RD005	PID005
RD006	PID006
RD007	PID007
RD008	PID008
RD009	PID009
RD010	PID010
RD011	PID011
RD012	PID012
RD013	PID013
RD014	PID014
RD015	PID015
RD016	PID016
RD017	PID017
RD018	PID018
RD019	PID019
RD020	PID020

**DROP &
CREATE TABLE**

DROP TABLE Address cascade constraints;
DROP TABLE Customer cascade constraints;
DROP TABLE Employee cascade constraints;
DROP TABLE Room cascade constraints;
DROP TABLE Supplier cascade constraints;
DROP TABLE Inventory cascade constraints;
DROP TABLE Job_Application cascade constraints;
DROP TABLE Salary_Claim cascade constraints;
DROP TABLE Leave_Application cascade constraints;
DROP TABLE Stock cascade constraints;
DROP TABLE Item cascade constraints;
DROP TABLE Maintenance cascade constraints;
DROP TABLE Bill cascade constraints;
DROP TABLE Restaurant cascade constraints;
DROP TABLE Booking cascade constraints;
DROP TABLE Laundry cascade constraints;
DROP TABLE Payment cascade constraints;
DROP TABLE Invoice cascade constraints;
DROP TABLE Room_Payment cascade constraints;
DROP TABLE Water cascade constraints;
DROP TABLE Electric cascade constraints;
DROP TABLE Restaurant_Payment cascade constraints;
DROP TABLE Inv_Stock cascade constraints;
DROP TABLE Inv_Main cascade constraints;
DROP TABLE Inv_Em cascade constraints;
DROP TABLE Cust_Laundry cascade constraints;
DROP TABLE Em_Laundry cascade constraints;
DROP TABLE Job_Emp cascade constraints;
DROP TABLE Booking_Em cascade constraints;
DROP TABLE Room_Em cascade constraints;
DROP TABLE Em_Add cascade constraints;

DROP TABLE Em_Main cascade constraints;
DROP TABLE Em_Supplier cascade constraints;
DROP TABLE Em_Bill cascade constraints;
DROP TABLE Em_Item cascade constraints;
DROP TABLE Stock_Em cascade constraints;
DROP TABLE Stock_Supplier cascade constraints;
DROP TABLE Item_Main cascade constraints;
DROP TABLE Room_Booking cascade constraints;
DROP TABLE Room_Cust cascade constraints;
DROP TABLE Room_Pay cascade constraints;
DROP TABLE Bill_Pay cascade constraints;
DROP TABLE Em_Pay cascade constraints;
DROP TABLE Main_Pay cascade constraints;
DROP TABLE Supply_Pay cascade constraints;
DROP TABLE Laundry_Pay cascade constraints;
DROP TABLE Cust_Pay cascade constraints;
DROP TABLE Stock_Pay cascade constraints;
DROP TABLE RoomP_Pay cascade constraints;
DROP TABLE Cust_Add cascade constraints;

```
CREATE TABLE Address (  
    AddID varchar2 (10),  
    AddUnitNum number (5),  
    AddFloorNum number (5),  
    AddStreet varchar2 (100),  
    AddCity varchar2 (100),  
    AddState varchar2 (100),  
    AddPostalCode number (5),  
    AddCountry varchar2 (50),  
    AddBuildingName varchar2 (100),  
    AddDistrict varchar2 (100),  
    constraint Address_pk  
    primary key (AddID)  
);
```

```
INSERT INTO Address  
VALUES ('AID001', 43, 0, 'Jalan Sultan Abdul Jalil', 'Ipoh', 'Perak', 30300, 'Malaysia',  
'Hotel Excelsior Ipoh', 'Kampung Jawa');
```

```
INSERT INTO Address  
VALUES ('AID002', 6, 2, 'Jalan Sultan Ismail', 'Ipoh', 'Perak', 30300, 'Malaysia', 'Tiara  
Condo', 'Seri Botani');
```

```
INSERT INTO Address  
VALUES ('AID003', 15, 10, 'Jalan Kimberly', 'Ipoh', 'Perak', 30300, 'Malaysia',  
'Harmony Residence', 'Kinta District');
```

```
INSERT INTO Address  
VALUES ('AID004', 8, 3, 'Jalan Ampang', 'Ipoh', 'Perak', 30100, 'Malaysia', 'Haven  
Lakeside', 'Buntong');
```

```
INSERT INTO Address  
VALUES ('AID005', 22, 15, 'Jalan Cempaka', 'Ipoh', 'Perak', 30020, 'Malaysia',  
'Symphony Suites', 'Jelapang');
```

INSERT INTO Address

VALUES ('AID006', 1, 12, 'Jalan Gopeng', 'Ipoh', 'Perak', 31200, 'Malaysia', 'Serene Apartment', 'Meru');

INSERT INTO Address

VALUES ('AID007', 10, 4, 'Jalan Hang Tuah', 'Ipoh', 'Perak', 31350, 'Malaysia', 'Harmony Residence', 'Ampang Baru');

INSERT INTO Address

VALUES ('AID008', 7, 7, 'Jalan Hijau', 'Shah Alam', 'Selangor', 40150, 'Malaysia', 'Tranquil Heights', 'Section 7');

INSERT INTO Address

VALUES ('AID009', 3, 6, 'Jalan Biru', 'Puchong', 'Selangor', 47100, 'Malaysia', 'Vista Apartments', 'Bandar Puteri');

INSERT INTO Address

VALUES ('AID010', 18, 3, 'Jalan Ungu', 'Klang', 'Selangor', 41200, 'Malaysia', 'Majestic Residences', 'Bandar Baru Klang');

INSERT INTO Address

VALUES ('AID011', 9, 8, 'Jalan Perak', 'Kuala Lumpur', 'Federal', '50603', 'Malaysia', 'Regal Residence', 'Bukit Bintang');

INSERT INTO Address

VALUES ('AID012', 5, 2, 'Jalan Sentul', 'Kuala Lumpur', 'Federal', '50100', 'Malaysia', 'Grand Hotel', 'Kuala Lumpur City');

INSERT INTO Address

VALUES ('AID013', 14, 12, 'Jalan Bukit Bintang', 'Kuala Lumpur', 'Federal', '50480', 'Malaysia', 'Elite Suites', 'Mont Kiara');

INSERT INTO Address

VALUES ('AID014', 11, 5, 'Jalan Ampang Hilir', 'Kuala Lumpur', 'Federal', '50350', 'Malaysia', 'Majestic Tower', 'Jalan Ipoh');

INSERT INTO Address

VALUES ('AID015', 17, 9, 'Jalan Raja Muda Abdul Aziz', 'Kuala Lumpur', 'Federal', '50220', 'Malaysia', 'Royal Residences', 'Ampang');

INSERT INTO Address

VALUES ('AID016', 2, 6, 'Jalan Damansara', 'Petaling Jaya', 'Selangor', '43300',
'Malaysia', 'Tranquil Gardens', 'Shah Alam');

INSERT INTO Address

VALUES ('AID017', 8, 3, 'Jalan SS 15/8', 'Subang Jaya', 'Selangor', '47301', 'Malaysia',
'Seri Heights', 'Seri Kembangan');

INSERT INTO Address

VALUES ('AID018', 4, 7, 'Jalan Alamanda', 'Shah Alam', 'Selangor', '40170', 'Malaysia',
'Blissful Residences', 'Petaling Jaya');

INSERT INTO Address

VALUES ('AID019', 6, 5, 'Jalan Wawasan', 'Puchong', 'Selangor', '47000', 'Malaysia',
'Harmonious Homes', 'Subang Jaya');

INSERT INTO Address

VALUES ('AID020', 20, 2, 'Jalan Meru', 'Klang', 'Selangor', '41150', 'Malaysia',
'Serendipity Suites', 'Puchong');

CREATE TABLE Inventory (

InvenID varchar2 (10),

InvenQuantity number (5),

InvenUnit varchar2 (100),

InvenDescription varchar2 (100),

InvenStockBalance number (5),

InvenQuantityIssued number (5),

InvenUnitPrice number (5,2),

InvenAmount number (10,2),

InvenOrderBy varchar2 (100),

InvenApprovedBy varchar2 (100),

CONSTRAINT Inventory_pk PRIMARY KEY (InvenID)

);

```

INSERT INTO Inventory
VALUES ('IV001', 10, 'Pieces', 'Towels', 50, 5, 10.50, 52.50, 'John', 'David');

INSERT INTO Inventory
VALUES ('IV002', 5, 'Boxes', 'Bed Sheets', 20, 3, 25.00, 75.00, 'Sarah', 'Lisa');

INSERT INTO Inventory
VALUES ('IV003', 20, 'Bottles', 'Shampoo', 100, 10, 5.75, 57.50, 'Michael', 'Adam');

INSERT INTO Inventory
VALUES ('IV004', 15, 'Packs', 'Soap', 30, 5, 8.20, 41.00, 'Emily', 'Jennifer');

INSERT INTO Inventory
VALUES ('IV005', 8, 'Units', 'Toothbrushes', 40, 2, 15.00, 30.00, 'Daniel', 'Rachel');

INSERT INTO Inventory
VALUES ('IV006', 12, 'Pieces', 'Slippers', 60, 4, 6.50, 26.00, 'David', 'Amir');

INSERT INTO Inventory
VALUES ('IV007', 6, 'Packs', 'Bathrobes', 25, 2, 12.00, 24.00, 'Jennifer', 'Nor');

INSERT INTO Inventory
VALUES ('IV008', 3, 'Bottles', 'Conditioner', 15, 1, 4.25, 4.25, 'Lisa', 'Aishah');

INSERT INTO Inventory
VALUES ('IV009', 10, 'Boxes', 'Toilet Tissues', 30, 6, 18.50, 111.00, 'Adam', 'Mohd');

INSERT INTO Inventory
VALUES ('IV010', 7, 'Units', 'Coffee Mugs', 50, 3, 9.75, 29.25, 'Sarah', 'Ali');

INSERT INTO Inventory
VALUES ('IV011', 8, 'Pieces', 'Pillowcases', 35, 4, 17.80, 71.20, 'Emily', 'Lisa');

INSERT INTO Inventory
VALUES ('IV012', 4, 'Boxes', 'Bath Towels', 15, 8, 7.60, 60.80, 'Michael', 'Rachel');

INSERT INTO Inventory
VALUES ('IV013', 12, 'Bottles', 'Hand Soap', 60, 6, 8.30, 49.80, 'David', 'Amir');

INSERT INTO Inventory
VALUES ('IV014', 10, 'Packs', 'Tissues', 25, 3, 10.50, 31.50, 'Jennifer', 'Nor');

INSERT INTO Inventory
VALUES ('IV015', 15, 'Units', 'Hairbrushes', 40, 5, 5.90, 29.50, 'Daniel', 'Aishah');

INSERT INTO Inventory
VALUES ('IV016', 20, 'Pieces', 'Flip Flops', 80, 2, 14.80, 29.60, 'Sarah', 'Mohd');

```


INSERT INTO Inventory

VALUES ('IV017', 6, 'Packs', 'Cotton Balls', 20, 9, 6.40, 57.60, 'Lisa', 'Ali');

INSERT INTO Inventory

VALUES ('IV018', 3, 'Bottles', 'Body Lotion', 10, 3, 3.60, 10.80, 'Adam', 'David');

INSERT INTO Inventory

VALUES ('IV019', 9, 'Boxes', 'Paper Napkins', 35, 1, 9.60, 9.60, 'Michael', 'Rachel');

INSERT INTO Inventory

VALUES ('IV020', 5, 'Units', 'Glass Tumblers', 30, 2, 2.50, 10.10, 'Danial', 'Ali');

CREATE TABLE Customer (

CustID varchar2(10),

CustReservationNum varchar2(10),

CustFirstName varchar2(100),

CustLastName varchar2(100),

CustGender varchar2(10),

CustNumGuest number(10),

CustPassport varchar2(100),

CustIC varchar2(20),

CustNationality varchar2(100),

CustContact varchar2(20),

AddID varchar2(10),

CONSTRAINT Customer_pk PRIMARY KEY (CustID),

CONSTRAINT Customer_AddID_fk FOREIGN KEY (ADDID)

REFERENCES Address(AddID)

);

INSERT INTO Customer

VALUES ('C001', 'RES001', 'Ahmad', 'Abdullah', 'Male', 2, 'AB123456',
'800515081234', 'Malaysia', '+6012-3456789', 'AID001');

INSERT INTO Customer

VALUES ('C002', 'RES002', 'Nurul', 'Jamaluddin', 'Female', 1, 'CD789012',
'920920125678', 'Malaysia', '+6010-9876543', 'AID002');

INSERT INTO Customer

VALUES ('C003', 'RES003', 'Mohd', 'Ibrahim', 'Male', 3, 'EF345678', '751210012345',
'Malaysia', '+6011-2345678', 'AID003');

INSERT INTO Customer

VALUES ('C004', 'RES004', 'Siti', 'Hassan', 'Female', 1, 'GH567890', '880625045678',
'Malaysia', '+6019-8765432', 'AID004');

INSERT INTO Customer

VALUES ('C005', 'RES005', 'Azman', 'Yusof', 'Male', 2, 'IJ901234', '960305078901',
'Malaysia', '+6016-5432109', 'AID005');

INSERT INTO Customer

VALUES ('C006', 'RES006', 'Aishah', 'Rahim', 'Female', 4, 'KL234567', '831018034567',
'Malaysia', '+6013-2109876', 'AID006');

INSERT INTO Customer

VALUES ('C007', 'RES007', 'Hafiz', 'Hamid', 'Male', 1, 'MN456789', '901130056789',
'Malaysia', '+6012-9876543', 'AID007');

INSERT INTO Customer

VALUES ('C008', 'RES008', 'Nor', 'Abdullah', 'Female', 2, 'OP678901', '860409089012',
'Malaysia', '+6017-6543210', 'AID008');

INSERT INTO Customer

VALUES ('C009', 'RES009', 'Khairul', 'Rahim', 'Male', 3, 'QR890123', '780822112345',
'Malaysia', '+6014-3210987', 'AID009');

INSERT INTO Customer

VALUES ('C010', 'RES010', 'Aina', 'Lopez', 'Female', 1, 'ST012345', '940105096789',
'Malaysia', '+6018-7654321', 'AID010');

INSERT INTO Customer

VALUES ('C011', 'RES011', 'Ali', 'Rahman', 'Male', 2, 'AB123456', '800515081234',
'Malaysia', '+6012-3456789', 'AID011');

INSERT INTO Customer

VALUES ('C012', 'RES012', 'Nurul', 'Yusof', 'Female', 1, 'CD789012', '920920125678',
'Malaysia', '+6010-9876543', 'AID012');

INSERT INTO Customer

VALUES ('C013', 'RES013', 'Mohamad', 'Hassan', 'Male', 3, 'EF345678',
'751210012345', 'Malaysia', '+6011-2345678', 'AID013');

INSERT INTO Customer

VALUES ('C014', 'RES014', 'Fatimah', 'Ibrahim', 'Female', 1, 'GH567890',
'880625045678', 'Malaysia', '+6019-8765432', 'AID014');

INSERT INTO Customer

VALUES ('C015', 'RES015', 'Aziz', 'Ahmad', 'Male', 2, 'IJ901234', '960305078901',
'Malaysia', '+6016-5432109', 'AID015');

INSERT INTO Customer

VALUES ('C016', 'RES016', 'Noraini', 'Abdullah', 'Female', 4, 'KL234567',
'831018034567', 'Malaysia', '+6013-2109876', 'AID016');

INSERT INTO Customer

VALUES ('C017', 'RES017', 'Amir', 'Ali', 'Male', 1, 'MN456789', '901130056789',
'Malaysia', '+6012-9876543', 'AID017');

INSERT INTO Customer

VALUES ('C018', 'RES018', 'Zulaikha', 'Sulaiman', 'Female', 2, 'OP678901',
'860409089012', 'Malaysia', '+6017-6543210', 'AID018');

INSERT INTO Customer

VALUES ('C019', 'RES019', 'Razif', 'Mohd', 'Male', 3, 'QR890123', '780822112345',
'Malaysia', '+6014-3210987', 'AID019');

INSERT INTO Customer

VALUES ('C020', 'RES020', 'Farah', 'Mustafa', 'Female', 1, 'ST012345',
'940105096789', 'Malaysia', '+6018-7654321', 'AID020');

```

CREATE TABLE Employee (
    EmID varchar2(10),
    EmDepartment varchar2(100),
    EmPosition varchar2(100),
    EmGender varchar2(100),
    EmAge number(5),
    EmName varchar2(100),
    EmEmail varchar2(100),
    EmDoB varchar2(100),
    EmNationality varchar2(100),
    EmContactNum varchar2(100),
    AddID varchar2(10), -- Added AddID column
    CONSTRAINT Employee_pk PRIMARY KEY (EmID),
    CONSTRAINT Employee_AddID_fk FOREIGN KEY (AddID)
    REFERENCES Address (AddID)
);

```

INSERT into Employee

```

VALUES ('EID001', 'Front Desk', 'Manager', 'Male', 35, 'Muhammad Rahman',
'Rahman@gmail.com', '1988-05-15', 'Malaysia', '+60 12-3456789', 'AID001');

```

INSERT into Employee

```

VALUES ('EID002', 'Housekeeping', 'Housekeeper', 'Female', 28, 'Nurul Azizah',
'Azizoh@gmail.com', '1995-09-21', 'Malaysia', '+60 17-9876543', 'AID002');

```

INSERT into Employee

```

VALUES ('EID003', 'IT', 'IT Manager', 'Male', 30, 'Ahmad Hassan',
'Hassan@gmail.com', '1992-12-10', 'Malaysia', '+60 19-5551212', 'AID003');

```

INSERT into Employee

```

VALUES ('EID004', 'Finance', 'Accountant', 'Female', 42, 'Siti Aminah',
'Aminahbanijoo@gmail.com', '1979-07-04', 'Malaysia', '+60 18-8889999', 'AID004');

```

INSERT into Employee

```

VALUES ('EID005', 'Sales', 'Sales Manager', 'Male', 39, 'Mohd Yusof',
'Yusoftaiyoob@gmail.com', '1982-03-18', 'Malaysia', '+60 16-7778888', 'AID005');

```

INSERT into Employee

VALUES ('EID006', 'Concierge', 'Concierge', 'Female', 31, 'Noraini Abdullah',
'Norainigiloo@gmail.com', '1990-11-29', 'Malaysia', '+60 13-2345678', 'AID006');

INSERT into Employee

VALUES ('EID007', 'IT', 'IT Analyst', 'Male', 27, 'Farah Mohd',
'Farahkamil@gmail.com', '1996-08-03', 'Malaysia', '+60 11-1112222', 'AID007');

INSERT into Employee

VALUES ('EID008', 'Finance', 'Financial Controller', 'Female', 45, 'Zainab Tan',
'Zainabmeletup@gmail.com', '1978-02-14', 'Malaysia', '+60 14-4445555', 'AID008');

INSERT into Employee

VALUES ('EID009', 'Sales', 'Sales Representative', 'Male', 29, 'Iskandar Ibrahim',
'Seriiskandarbrahimcafe@gmail.com', '1993-10-07', 'Malaysia', '+60 10-9998887', 'AID009');

INSERT into Employee

VALUES ('EID010', 'Front Desk', 'Receptionist', 'Female', 37, 'Norlia Mohamad',
'Norliaity@gmail.com', '1986-06-25', 'Malaysia', '+60 15-1234567', 'AID010');

INSERT INTO Employee

VALUES ('EID011', 'Housekeeping', 'Housekeeper', 'Male', 33, 'Muhammad bin
Ahmad', 'muhammadahmad@example.com', '1990-01-01', 'Malaysia', '+60 12-3456789',
'AID011');

INSERT INTO Employee

VALUES ('EID012', 'Sales', 'Sales Representative', 'Female', 27, 'Nurul binti Mohd',
'nurulmohd@example.com', '1995-06-10', 'Malaysia', '+60 19-8765432', 'AID012');

INSERT INTO Employee

VALUES ('EID013', 'IT', 'Software Engineer', 'Male', 31, 'David bin Johnson',
'davidjohnson@example.com', '1988-03-25', 'Malaysia', '+60 16-5432109', 'AID013');

INSERT INTO Employee

VALUES('EID014', 'Front Desk', 'Receptionist', 'Female', 24, 'Siti binti Emir',
'siti.emily@example.com', '1992-11-15', 'Malaysia', '+60 11-2345678', 'AID014');

INSERT INTO Employee

VALUES('EID015', 'Finance', 'Financial Analyst', 'Male', 35, 'Muhammad bin Wilson',
'muhammadwilson@example.com', '1985-07-20', 'Malaysia', '+60 18-7654321', 'AID015');

INSERT INTO Employee

VALUES ('EID016', 'Sales', 'Sales Associate', 'Female', 29, 'Nor binti Sarafuddin',
'norsarah@example.com', '1997-04-05', 'Malaysia', '+60 17-6543210', 'AID016');

INSERT INTO Employee

VALUES('EID017', 'Housekeeping', 'Room Attendant', 'Male', 26, 'Christopher Lee',
'christopherlee@example.com', '1991-09-18', 'Malaysia', '+60 14-9876543', 'AID017');

INSERT INTO Employee

VALUES ('EID018', 'IT', 'Network Administrator', 'Female', 38, 'Fatimah binti Clark',
'fatimahclark@example.com', '1987-12-08', 'Malaysia', '+60 13-8765432', 'AID018');

INSERT INTO Employee

VALUES ('EID019', 'Finance', 'Senior Accountant', 'Male', 40, 'Amir bin Hernandez',
'amirhernandez@example.com', '1994-08-02', 'Malaysia', '+60 15-2345678', 'AID019');

INSERT INTO Employee

VALUES ('EID020', 'Front Desk', 'Guest Service Agent', 'Female', 32, 'Aisyah binti
Martinez', 'aisyahmartinez@example.com', '1989-02-17', 'Malaysia', '+60 12-3456789',
'AID020');

```

CREATE TABLE Leave_Application (
    LeaveID VARCHAR2(10),
    LeaveName VARCHAR2(100),
    LeaveDepartment VARCHAR2(100),
    LeaveDesignation VARCHAR2(100),
    LeaveDate DATE,
    LeaveTotalDays Number(10),
    LeaveReason VARCHAR2(100),
    LeaveTime VARCHAR2(100),
    LeaveBalance Number(5,2),
    LeaveUpdatedBy VARCHAR2(50),
    EmID VARCHAR2(10),
    CONSTRAINT Leave_Application_pk PRIMARY KEY (LeaveID),
    CONSTRAINT Leave_Application_EmID_fk FOREIGN KEY (EmID)
    REFERENCES Employee (EmID)
);

```

```

INSERT INTO Leave_Application
VALUES ('L001', 'Ali', 'HR', 'Manager', TO_DATE('01/05/2022', 'MM/DD/YYYY'), 10,
'Family vacation', 'Full day', 15, 'John', 'EID001');

```

```

INSERT INTO Leave_Application
VALUES ('L002', 'Fatimah', 'Finance', 'Analyst', TO_DATE('07/12/2021',
'MM/DD/YYYY'), 8, 'Personal', 'Half day', 12, 'Sarah', 'EID002');

```

```

INSERT INTO Leave_Application
VALUES ('L003', 'Mohd', 'Marketing', 'Executive', TO_DATE('03/20/2020',
'MM/DD/YYYY'), 12, 'Medical', 'Full day', 7, 'Lisa', 'EID003');

```

```

INSERT INTO Leave_Application
VALUES ('L004', 'Aishah', 'IT', 'Developer', TO_DATE('02/10/2023', 'MM/DD/YYYY'),
15, 'Maternity', 'Full day', 20, 'Adam', 'EID004');

```

```

INSERT INTO Leave_Application
VALUES('L005', 'Nurul', 'Sales', 'Coordinator', TO_DATE('11/03/2021',
'MM/DD/YYYY'), 9, 'Study leave', 'Half day', 18, 'Daniel', 'EID005');

```

```

INSERT INTO Leave_Application
VALUES ('L006', 'Ahmad', 'Operations', 'Supervisor', TO_DATE('09/15/2022',
'MM/DD/YYYY'), 11, 'Wedding', 'Full day', 14, 'Emily', 'EID006');
INSERT INTO Leave_Application
VALUES ('L007', 'Siti', 'HR', 'Assistant', TO_DATE('06/28/2020', 'MM/DD/YYYY'), 7,
'Bereavement', 'Full day', 8, 'Michael', 'EID007');
INSERT INTO Leave_Application
VALUES ('L008', 'Nor', 'Finance', 'Manager', TO_DATE('04/01/2021', 'MM/DD/YYYY'),
12, 'Personal', 'Half day', 10, 'Rachel', 'EID008');
INSERT INTO Leave_Application
VALUES ('L009', 'Amir', 'Marketing', 'Analyst', TO_DATE('05/18/2023',
'MM/DD/YYYY'), 10, 'Vacation', 'Full day', 16, 'Jennifer', 'EID009');
INSERT INTO Leave_Application
VALUES ('L010', 'Aisyah', 'IT', 'Developer', TO_DATE('11/30/2022', 'MM/DD/YYYY'),
14, 'Medical', 'Full day', 9, 'David', 'EID010');

```

```

CREATE TABLE Salary_Claim (
    SalaryID VARCHAR2(10),
    SalaryRefNumber VARCHAR2(10),
    SalaryName VARCHAR2(50),
    SalaryDepartment VARCHAR2(50),
    SalaryDate DATE,
    SalaryDateOfOvertime DATE,
    ShiftStart VARCHAR2(20),
    ShiftEnd VARCHAR2(20),
    SalaryTotalDayShiftHours NUMBER(3, 1),
    SalaryTotalClaimHours NUMBER(3, 1),
    EmID VARCHAR2(10),
    CONSTRAINT Salary_Claim_pk PRIMARY KEY (SalaryID),
    CONSTRAINT Salary_Claim_EmID_fk FOREIGN KEY (EmID)
REFERENCES Employee (EmID)
);

```


INSERT INTO Salary_Claim

VALUES ('S001', 'REF001', 'Ali', 'HR', TO_DATE('01/05/2022', 'MM/DD/YYYY'),
TO_DATE('12/30/2021', 'MM/DD/YYYY'), '09:00 AM', '06:00 PM', 8.0, 9.0, 'EID001');

INSERT INTO Salary_Claim

VALUES ('S002', 'REF002', 'Fatimah', 'Finance', TO_DATE('07/12/2021',
'MM/DD/YYYY'), TO_DATE('07/05/2021', 'MM/DD/YYYY'), '08:30 AM', '05:30 PM', 8.0,
9.0, 'EID002');

INSERT INTO Salary_Claim

VALUES ('S003', 'REF003', 'Mohd', 'Marketing', TO_DATE('03/20/2020',
'MM/DD/YYYY'), TO_DATE('03/10/2020', 'MM/DD/YYYY'), '10:00 AM', '07:00 PM', 8.0,
9.0, 'EID003');

INSERT INTO Salary_Claim

VALUES ('S004', 'REF004', 'Aishah', 'IT', TO_DATE('02/10/2023', 'MM/DD/YYYY'),
TO_DATE('02/02/2023', 'MM/DD/YYYY'), '09:30 AM', '06:30 PM', 8.0, 9.0, 'EID004');

INSERT INTO Salary_Claim

VALUES ('S005', 'REF005', 'Nurul', 'Sales', TO_DATE('11/03/2021', 'MM/DD/YYYY'),
TO_DATE('11/01/2021', 'MM/DD/YYYY'), '09:00 AM', '06:00 PM', 8.0, 9.0, 'EID005');

INSERT INTO Salary_Claim

VALUES ('S006', 'REF006', 'Ahmad', 'Operations', TO_DATE('09/15/2022',
'MM/DD/YYYY'), TO_DATE('09/07/2022', 'MM/DD/YYYY'), '08:00 AM', '05:00 PM', 8.0,
9.0, 'EID006');

INSERT INTO Salary_Claim

VALUES ('S007', 'REF007', 'Siti', 'HR', TO_DATE('06/28/2020', 'MM/DD/YYYY'),
TO_DATE('06/19/2020', 'MM/DD/YYYY'), '09:30 AM', '06:30 PM', 8.0, 9.0, 'EID007');

INSERT INTO Salary_Claim

VALUES ('S008', 'REF008', 'Nor', 'Finance', TO_DATE('04/01/2021', 'MM/DD/YYYY'),
TO_DATE('03/20/2021', 'MM/DD/YYYY'), '09:00 AM', '06:00 PM', 8.0, 9.0, 'EID008');

INSERT INTO Salary_Claim

VALUES ('S009', 'REF009', 'Amir', 'Marketing', TO_DATE('05/18/2023',
'MM/DD/YYYY'), TO_DATE('05/09/2023', 'MM/DD/YYYY'), '10:00 AM', '07:00 PM', 8.0,
9.0, 'EID009');

INSERT INTO Salary_Claim

VALUES ('S010', 'REF010', 'Aisyah', 'IT', TO_DATE('11/30/2022', 'MM/DD/YYYY'),
TO_DATE('11/23/2022', 'MM/DD/YYYY'), '09:30 AM', '06:30 PM', 8.0, 9.0, 'EID010');

INSERT INTO Salary_Claim

VALUES ('S011', 'REF011', 'Zainab', 'Marketing', TO_DATE('02/15/2022',
'MM/DD/YYYY'), TO_DATE('07/11/2023', 'MM/DD/YYYY'), '09:00 AM', '06:00 PM', 9.0, 11.0,
'EID011');

INSERT INTO Salary_Claim

VALUES ('S012', 'REF012', 'Abdullah', 'IT', TO_DATE('08/20/2021', 'MM/DD/YYYY'),
TO_DATE('08/16/2022', 'MM/DD/YYYY'), '08:30 AM', '05:30 PM', 9.0, 12.0, 'EID012');

INSERT INTO Salary_Claim

VALUES ('S013', 'REF013', 'Sarah', 'Sales', TO_DATE('04/10/2020', 'MM/DD/YYYY'),
TO_DATE('02/28/2021', 'MM/DD/YYYY'), '10:00 AM', '07:00 PM', 9.0, 13.0, 'EID013');

INSERT INTO Salary_Claim

VALUES ('S014', 'REF014', 'Hassan', 'HR', TO_DATE('03/05/2023', 'MM/DD/YYYY'),
TO_DATE('01/03/2023', 'MM/DD/YYYY'), '09:30 AM', '06:30 PM', 9.0, 14.0, 'EID014');

INSERT INTO Salary_Claim

VALUES ('S015', 'REF015', 'Aisha', 'Finance', TO_DATE('12/10/2021', 'MM/DD/YYYY'),
TO_DATE('10/17/2022', 'MM/DD/YYYY'), '09:00 AM', '06:00 PM', 9.0, 15.0, 'EID015');

INSERT INTO Salary_Claim

VALUES ('S016', 'REF016', 'Yusuf', 'Operations', TO_DATE('10/15/2022',
'MM/DD/YYYY'), TO_DATE('06/25/2021', 'MM/DD/YYYY'), '08:00 AM', '05:00 PM', 9.0, 18.0,
'EID016');

INSERT INTO Salary_Claim

VALUES ('S017', 'REF017', 'Maya', 'Marketing', TO_DATE('08/01/2020',
'MM/DD/YYYY'), TO_DATE('12/01/2020', 'MM/DD/YYYY'), '09:30 AM', '06:30 PM', 9.0, 34.0,
'EID017');

INSERT INTO Salary_Claim

VALUES ('S018', 'REF018', 'Khalid', 'IT', TO_DATE('05/05/2021', 'MM/DD/YYYY'),
TO_DATE('03/05/2022', 'MM/DD/YYYY'), '09:00 AM', '06:00 PM', 9.0, 23.0, 'EID018');

```

INSERT INTO Salary_Claim
VALUES ('S019', 'REF019', 'Layla', 'Sales', TO_DATE('06/20/2023', 'MM/DD/YYYY'),
TO_DATE('04/15/2023', 'MM/DD/YYYY'), '10:00 AM', '07:00 PM', 9.0, 29.0, 'EID019');
INSERT INTO Salary_Claim
VALUES ('S020', 'REF020', 'Ali', 'HR', TO_DATE('12/25/2022', 'MM/DD/YYYY'),
TO_DATE('04/15/2023', 'MM/DD/YYYY'), '10:00 AM', '07:00 PM', 9.0, 30.0, 'EID020');

```

```

CREATE TABLE Item (
ItemID VARCHAR2(10),
ItemName VARCHAR2(50),
ItemRefNum VARCHAR2(10),
ItemType VARCHAR2(50),
ItemModal VARCHAR2(50),
ItemAmount NUMBER(3),
ItemBrand VARCHAR2(50),
ItemPrice NUMBER(9, 2),
ItemSize VARCHAR2(20),
ItemCategory VARCHAR2(50),
EmID VARCHAR2(10),
CONSTRAINT Item_pk PRIMARY KEY (ItemID),
CONSTRAINT Item_EmID_fk FOREIGN KEY (EmID) REFERENCES Employee (EmID)
);

```

```

INSERT INTO Item
VALUES ('IT001', 'Broken Lamp', 'LMP001', 'Lighting', 'Not Available', 1, 'Generic',
15.99, 'Small', 'Room Accessories', 'EID001');
INSERT INTO Item
VALUES ('IT002', 'Damaged Chair', 'CHR002', 'Furniture', 'Not Available', 1, 'Hotel
Furnishings Inc.', 49.99, 'Medium', 'Room Furniture', 'EID002');
INSERT INTO Item

```

VALUES ('IT003', 'Broken Television', 'TV003', 'Electronics', 'Sony XYZ-1000', 1, 'Sony', 299.99, 'Large', 'In-room Entertainment', 'EID003');

INSERT INTO Item

VALUES ('IT004', 'Cracked Mirror', 'MIR004', 'Decor', 'Not Available', 1, 'Luxury Mirrors Ltd.', 39.99, 'Medium', 'Bathroom Accessories', 'EID004');

INSERT INTO Item

VALUES ('IT005', 'Faulty Hairdryer', 'HDR005', 'Appliances', 'XYZ HairCare Pro', 1, 'XYZ Company', 29.99, 'Small', 'Room Appliances', 'EID005');

INSERT INTO Item

VALUES ('IT006', 'Broken Safe', 'SFE006', 'Security', 'ABC SecureVault 2000', 1, 'ABC Security Systems', 199.99, 'Large', 'In-room Security', 'EID006');

INSERT INTO Item

VALUES ('IT007', 'Torn Curtains', 'CUR007', 'Textiles', 'Not Available', 2, 'Curtains Galore', 79.99, 'Large', 'Room Decor', 'EID007');

INSERT INTO Item

VALUES ('IT008', 'Leaking Faucet', 'FCT008', 'Plumbing', 'Not Available', 1, 'Plumbing Fixtures Inc.', 19.99, 'N/A', 'Bathroom Fixtures', 'EID008');

INSERT INTO Item

VALUES ('IT009', 'Cracked Glassware', 'GLS009', 'Glassware', 'Not Available', 4, 'Glassware Co.', 9.99, 'Small', 'Dining Accessories', 'EID009');

INSERT INTO Item

VALUES ('IT010', 'Faulty AC Unit', 'ACU010', 'HVAC', 'XYZ CoolBreeze 5000', 1, 'XYZ HVAC Systems', 599.99, 'Large', 'HVAC', 'EID010');

INSERT INTO Item

VALUES ('IT011', 'Worn-out Sofa', 'SOF011', 'Furniture', 'N/A', 1, 'Furniture Plus', 199.99, 'Medium', 'Room Furniture', 'EID011');

INSERT INTO Item

VALUES ('IT012', 'Malfunctioning Printer', 'PRT012', 'Electronics', 'ABC PrinterPro 2000', 1, 'ABC Electronics', 99.99, 'Large', 'In-room Entertainment', 'EID012');

INSERT INTO Item

VALUES ('IT013', 'Cracked Vase', 'VAS013', 'Decor', 'N/A', 1, 'Decor Masters', 49.99, 'Medium', 'Wall Decor', 'EID013');

INSERT INTO Item

VALUES ('IT014', 'Defective Microwave', 'MWO014', 'Appliances', 'XYZ QuickHeat 3000', 1, 'XYZ Company', 29.99, 'Small', 'Room Appliances', 'EID014');

INSERT INTO Item

VALUES ('IT015', 'Broken Door Lock', 'LCK015', 'Security', 'N/A', 1, 'ABC Security Systems', 199.99, 'Large', 'In-room Security', 'EID015');

INSERT INTO Item

VALUES ('IT016', 'Stained Carpet', 'CAR016', 'Textiles', 'N/A', 1, 'Curtains Galore', 79.99, 'Large', 'Room Decor', 'EID016');

INSERT INTO Item

VALUES ('IT017', 'Faulty Water Heater', 'WHT017', 'Plumbing', 'XYZ HotFlow 1000', 1, 'Plumbing Fixtures Inc.', 19.99, 'N/A', 'Bathroom Fixtures', 'EID017');

INSERT INTO Item

VALUES ('IT018', 'Chipped Dinnerware', 'DWR018', 'Glassware', 'N/A', 4, 'Glassware Co.', 9.99, 'Small', 'Dining Accessories', 'EID018');

INSERT INTO Item

VALUES ('IT019', 'Non-functional Oven', 'OVN019', 'Appliances', 'ABC ChefMaster 4000', 1, 'ABC ChefMaster', 199.99, 'Medium', 'Room Appliances', 'EID019');

INSERT INTO Item

VALUES ('IT020', 'Cracked Window', 'WIN020', 'Home Improvement', 'N/A', 1, 'XYZ Lighting', 79.99, 'Large', 'Lighting', 'EID020');

```

CREATE TABLE Job_Application (
    JobID varchar2 (10),
    JobPosition varchar2 (100),
    JobFamilyDetails varchar2 (100),
    JobAcademicQualification varchar2 (100),
    JobCoursesUndergone varchar2 (100),
    JobCurrentEmployer varchar2 (100),
    JobYearExperience number (2),
    JobLanguages varchar2 (100),
    JobExpectedSalary number (10),
    JobCharacterReference varchar2 (100),
    EmID varchar2 (10),
    AddID varchar2 (10),
    CONSTRAINT Job_Application_pk PRIMARY KEY (JobID),
    CONSTRAINT Job_Application_EmID_fk FOREIGN KEY (EmID)
    REFERENCES Employee(EmID),
    CONSTRAINT Job_Application_AddID_fk FOREIGN KEY (AddID)
    REFERENCES Address(AddID)
);

```

```

INSERT INTO Job_Application
VALUES ('J001', 'Software Developer', 'Married', 'Bachelor's Degree', 'Software Engineering', 'ABC Tech', 5, 'English and Malay', 60000, 'John', 'EID001', 'AID001');
INSERT INTO Job_Application
VALUES ('J002', 'Financial Analyst', 'Single', 'Master's Degree', 'Finance and Accounting', 'XYZ Bank', 3, 'English, Mandarin', 50000, 'Sarah', 'EID002', 'AID002');
INSERT INTO Job_Application
VALUES ('J003', 'Marketing Executive', 'Married', 'Diploma', 'Marketing Management', 'XYZ Company', 2, 'English, Malay', 40000, 'Lisa', 'EID003', 'AID003');
INSERT INTO Job_Application
VALUES ('J004', 'Sales Representative', 'Single', 'High School Diploma', 'Sales Techniques', 'ABC Corporation', 1, 'English, Mandarin', 35000, 'Adam', 'EID004', 'AID004');

```

INSERT INTO Job_Application

VALUES ('J005', 'IT Support Specialist', 'Married', 'Bachelor''s Degree', 'IT Support and Networking', 'XYZ IT Solutions', 4, 'English and Malay', 45000, 'Daniel', 'EID005', 'AID005');

INSERT INTO Job_Application

VALUES ('J006', 'Operations Manager', 'Married', 'Master''s Degree', 'Operations Management', 'ABC Operations', 6, 'English and Malay', 70000, 'Emily', 'EID006', 'AID006');

INSERT INTO Job_Application

VALUES ('J007', 'Human Resources Officer', 'Single', 'Bachelor''s Degree', 'HR Management', 'XYZ Corporation', 2, 'English and Malay', 40000, 'Michael', 'EID007', 'AID007');

INSERT INTO Job_Application

VALUES ('J008', 'Accountant', 'Married', 'Chartered Accountant', 'Financial Reporting', 'ABC Accounting Firm', 7, 'English and Malay', 55000, 'Rachel', 'EID008', 'AID008');

INSERT INTO Job_Application

VALUES ('J009', 'Graphic Designer', 'Single', 'Diploma', 'Graphic Design', 'XYZ Design Studio', 3, 'English and Malay', 35000, 'Jennifer', 'EID009', 'AID009');

INSERT INTO Job_Application

VALUES ('J010', 'Project Manager', 'Married', 'Master''s Degree', 'Project Management', 'ABC Projects', 8, 'English and Malay', 80000, 'David', 'EID010', 'AID010');

```

CREATE TABLE Maintenance (
    MainID VARCHAR2(10),
    MainRequest_By VARCHAR2(50),
    MainDepartment VARCHAR2(50),
    MainDate DATE,
    MainItemAttention VARCHAR2(50),
    MainStatus VARCHAR2(20),
    MainLocation VARCHAR2(50),
    MainFault VARCHAR2(50),
    MainRemarks VARCHAR2(100),
    MainReasons VARCHAR2(50),
    ItemID varchar2(10),
    EmID varchar2(10),
    CONSTRAINT Maintenance_pk PRIMARY KEY (MainID),
    CONSTRAINT Maintenance_ItemID_fk FOREIGN KEY (ItemID)
    REFERENCES Item (ItemID),
    CONSTRAINT Maintenance_EmID_fk FOREIGN KEY (EmID)
    REFERENCES Employee (EmID)
);

```

```

INSERT INTO Maintenance

```

```

    VALUES ('MID001', 'John Doe', 'Housekeeping', TO_DATE('2022-03-10', 'YYYY-MM-DD'), 'Room 101', 'In Progress', 'Level 5 Wing A', 'Broken faucet', 'Faucet needs replacement', 'Wear and tear', 'IT001','EID001');

```

```

INSERT INTO Maintenance

```

```

    VALUES ('MID002', 'Jane Smith', 'Engineering', TO_DATE('2022-02-28', 'YYYY-MM-DD'), 'Boiler Room', 'Completed', 'Basement', 'Boiler leak', 'Repaired boiler', 'Maintenance overdue', 'IT002','EID002');

```

```

INSERT INTO Maintenance

```

```

    VALUES ('MID003', 'Sarah Johnson', 'Front Desk', TO_DATE('2022-01-15', 'YYYY-MM-DD'), 'Lobby', 'Pending', 'Ground Floor', 'Faulty lightbulb', 'Replace lightbulb', 'Burned out', 'IT003','EID003');

```


INSERT INTO Maintenance

VALUES ('MID004', 'David Lee', 'Maintenance', TO_DATE('2022-04-05', 'YYYY-MM-DD'), 'Swimming Pool', 'In Progress', 'Pool Area', 'Pool pump issue', 'Investigating the problem', 'Insufficient water flow', 'IT004', 'EID004');

INSERT INTO Maintenance

VALUES ('MID005', 'Lisa Chen', 'Housekeeping', TO_DATE('2022-03-20', 'YYYY-MM-DD'), 'Laundry Room', 'Completed', 'Level 2 Wing B', 'Washer breakdown', 'Repaired washing machine', 'Mechanical failure', 'IT005', 'EID005');

INSERT INTO Maintenance

VALUES ('MID006', 'Michael Wong', 'Engineering', TO_DATE('2022-02-10', 'YYYY-MM-DD'), 'Power Room', 'In Progress', 'Basement', 'Power outage', 'Troubleshooting power supply', 'Electrical fault', 'IT006', 'EID006');

INSERT INTO Maintenance

VALUES ('MID007', 'Emily Tan', 'Front Desk', TO_DATE('2022-01-25', 'YYYY-MM-DD'), 'Conference Room', 'Completed', 'Level 3 Wing C', 'Faulty projector', 'Replaced projector bulb', 'Maintenance scheduled', 'IT007', 'EID007');

INSERT INTO Maintenance

VALUES ('MID008', 'Kevin Lim', 'Maintenance', TO_DATE('2022-04-15', 'YYYY-MM-DD'), 'Gym', 'In Progress', 'Level 4 Wing D', 'Equipment damage', 'Assessing repair options', 'Accidental misuse', 'IT008', 'EID008');

INSERT INTO Maintenance

VALUES ('MID009', 'Olivia Ng', 'Housekeeping', TO_DATE('2022-03-05', 'YYYY-MM-DD'), 'Storage Room', 'Pending', 'Basement', 'Water leakage', 'Investigating the source', 'Plumbing issue', 'IT009', 'EID009');

INSERT INTO Maintenance

VALUES ('MID010', 'Sophia Goh', 'Engineering', TO_DATE('2022-02-15', 'YYYY-MM-DD'), 'Elevator', 'Completed', 'Ground Floor', 'Stuck door', 'Repaired elevator', 'Malfunctioning door mechanism, safety concern', 'IT010', 'EID010');

INSERT INTO Maintenance

VALUES ('MID011', 'Eric Tan', 'Housekeeping', TO_DATE('2022-03-18', 'YYYY-MM-DD'), 'Room 102', 'In Progress', 'Level 1, Wing E', 'HVAC malfunction', 'Investigating the issue', 'System failure', 'IT011', 'EID011');

INSERT INTO Maintenance

VALUES('MID012', 'Michelle Wong', 'Engineering', TO_DATE('2022-02-05', 'YYYY-MM-DD'), 'Generator Room', 'Pending', 'Level 2, Wing A', 'Clogged drain', 'Clearing the drain', 'Blockage', 'IT012', 'EID012');

INSERT INTO Maintenance

VALUES('MID013', 'Alex Chen', 'Front Desk', TO_DATE('2022-01-10', 'YYYY-MM-DD'), 'Lobby Lounge', 'Completed', 'Level 3, Wing B', 'Broken window', 'Replaced window pane', 'Weather damage', 'IT013', 'EID013');

INSERT INTO Maintenance

VALUES('MID014', 'Samantha Koh', 'Maintenance', TO_DATE('2022-04-01', 'YYYY-MM-DD'), 'Tennis Court', 'In Progress', 'Level 4, Wing C', 'Internet outage', 'Troubleshooting network connection', 'Connectivity issue', 'IT014', 'EID014');

INSERT INTO Maintenance

VALUES('MID015', 'Andrew Lim', 'Housekeeping', TO_DATE('2022-03-25', 'YYYY-MM-DD'), 'Staff Locker Room', 'Pending', 'Level 5, Wing D', 'Heating failure', 'Repairing heating system', 'Component malfunction', 'IT015', 'EID015');

INSERT INTO Maintenance

VALUES('MID016', 'Rachel Tan', 'Engineering', TO_DATE('2022-02-12', 'YYYY-MM-DD'), 'Security Office', 'Completed', 'Basement', 'Gas leak', 'Repaired gas line', 'Equipment malfunction', 'IT016', 'EID016');

INSERT INTO Maintenance

VALUES('MID017', 'Benjamin Ng', 'Front Desk', TO_DATE('2022-01-28', 'YYYY-MM-DD'), 'Business Center', 'In Progress', 'Ground Floor', 'Broken handrail', 'Assessing repair options', 'Wear and tear', 'IT017', 'EID017');

INSERT INTO Maintenance

VALUES('MID018', 'Grace Wong', 'Maintenance', TO_DATE('2022-04-10', 'YYYY-MM-DD'), 'Parking Lot', 'Pending', 'Pool Area', 'Cracked tiles', 'Replacing damaged tiles', 'Structural damage', 'IT018', 'EID018');

INSERT INTO Maintenance

VALUES('MID019', 'William Tan', 'Housekeeping', TO_DATE('2022-03-15', 'YYYY-MM-DD'), 'Pantry', 'Completed', 'Level 1, Wing E', 'Malfunctioning alarm', 'Replaced faulty alarm component', 'Sensor failure', 'IT019', 'EID019');

INSERT INTO Maintenance

VALUES('MID020', 'Jessica Lim', 'Engineering', TO_DATE('2022-02-20', 'YYYY-MM-DD'), 'IT Room', 'In Progress', 'Level 2, Wing A', 'Water heater issue', 'Investigating water heater problem', 'Malfunctioning thermostat', 'IT020', 'EID020');

CREATE TABLE Supplier (

SupplierID VARCHAR2(10),

SupplierName VARCHAR2(100),

SupplierEmail VARCHAR2(100),

SupplierContact VARCHAR2(100),

SupplierType VARCHAR2(100),

SupplierDiscount NUMBER(3),

OrderDate DATE,

ReceivedDate DATE,

CourierType VARCHAR2(100),

ProductName VARCHAR2(100),

AddID varchar2(10),

EmID varchar2(10),

CONSTRAINT Supplier_pk PRIMARY KEY (SupplierID),

CONSTRAINT Supplier_AddID_fk FOREIGN KEY (AddID) REFERENCES Address(AddID),

CONSTRAINT Supplier_EmID_fk FOREIGN KEY (EmID) REFERENCES Employee(EmID)

);

INSERT INTO Supplier

VALUES ('SP001', 'ABC Supplies', 'abc@example.com', 'John Smith', 'Electronics', 5, TO_DATE('01/10/2023', 'MM/DD/YYYY'), TO_DATE('01/15/2023', 'MM/DD/YYYY'), 'DHL', 'Laptop', 'AID001', 'EID001');

INSERT INTO Supplier

VALUES ('SP002', 'XYZ Corporation', 'xyz@example.com', 'Sarah Johnson', 'Furniture', 10, TO_DATE('02/05/2023', 'MM/DD/YYYY'), TO_DATE('02/10/2023', 'MM/DD/YYYY'), 'FedEx', 'Sofa', 'AID002', 'EID002');

INSERT INTO Supplier

VALUES ('SP003', 'PQR Distributors', 'pqr@example.com', 'Michael Williams',
'Clothing', 8, TO_DATE('03/20/2023', 'MM/DD/YYYY'), TO_DATE('03/25/2023',
'MM/DD/YYYY'), 'UPS', 'T-Shirt', 'AID003', 'EID003');

INSERT INTO Supplier

VALUES ('SP004', 'MNO Enterprises', 'mno@example.com', 'Jessica Davis',
'Electronics', 12, TO_DATE('04/12/2023', 'MM/DD/YYYY'), TO_DATE('04/17/2023',
'MM/DD/YYYY'), 'DHL', 'Smartphone', 'AID004', 'EID004');

INSERT INTO Supplier

VALUES ('SP005', 'JKL Suppliers', 'jkl@example.com', 'David Brown', 'Home Decor', 6,
TO_DATE('05/08/2023', 'MM/DD/YYYY'), TO_DATE('05/13/2023', 'MM/DD/YYYY'), 'FedEx',
'Wall Clock', 'AID005', 'EID005');

INSERT INTO Supplier

VALUES ('SP006', 'RST Company', 'rst@example.com', 'Jennifer Wilson', 'Electronics',
15, TO_DATE('06/02/2023', 'MM/DD/YYYY'), TO_DATE('06/07/2023', 'MM/DD/YYYY'), 'UPS',
'TV', 'AID006', 'EID006');

INSERT INTO Supplier

VALUES ('SP007', 'GHI Distributors', 'ghi@example.com', 'Robert Thompson',
'Clothing', 10, TO_DATE('07/18/2023', 'MM/DD/YYYY'), TO_DATE('07/23/2023',
'MM/DD/YYYY'), 'DHL', 'Jeans', 'AID007', 'EID007');

INSERT INTO Supplier

VALUES ('SP008', 'EFG Suppliers', 'efg@example.com', 'Olivia Anderson', 'Home
Decor', 4, TO_DATE('08/14/2023', 'MM/DD/YYYY'), TO_DATE('08/19/2023', 'MM/DD/YYYY'),
'FedEx', 'Table Lamp', 'AID008', 'EID008');

INSERT INTO Supplier

VALUES ('SP009', 'CBA Enterprises', 'cba@example.com', 'Daniel Harris', 'Electronics',
9, TO_DATE('09/30/2023', 'MM/DD/YYYY'), TO_DATE('10/05/2023', 'MM/DD/YYYY'), 'UPS',
'Camera', 'AID009', 'EID009');

INSERT INTO Supplier

VALUES ('SP010', 'UVW Corporation', 'uvw@example.com', 'Sophia Martinez',
'Furniture', 7, TO_DATE('11/22/2023', 'MM/DD/YYYY'), TO_DATE('11/27/2023',
'MM/DD/YYYY'), 'DHL', 'Dining Table', 'AID010', 'EID010');

INSERT INTO Supplier

VALUES ('SP011', 'LMN Suppliers', 'lmn@example.com', 'Emily Johnson', 'Home Decor', 0.04, TO_DATE('08/14/2023', 'MM/DD/YYYY'), TO_DATE('08/19/2023', 'MM/DD/YYYY'), 'FedEx', 'Table Lamp', 'AID011', 'EID011');

INSERT INTO Supplier

VALUES('SP012', 'OPQ Distributors', 'opq@example.com', 'William Davis', 'Clothing', 0.09, TO_DATE('09/30/2023', 'MM/DD/YYYY'), TO_DATE('10/05/2023', 'MM/DD/YYYY'), 'UPS', 'Camera', 'AID012', 'EID012');

INSERT INTO Supplier

VALUES ('SP013', 'HIJ Enterprises', 'hij@example.com', 'Emma Wilson', 'Electronics', 0.07, TO_DATE('11/22/2023', 'MM/DD/YYYY'), TO_DATE('11/27/2023', 'MM/DD/YYYY'), 'DHL', 'Dining Table', 'AID013', 'EID013');

INSERT INTO Supplier

VALUES ('SP014', 'KLM Company', 'klm@example.com', 'Ethan Thompson', 'Furniture', 0.08, TO_DATE('12/10/2023', 'MM/DD/YYYY'), TO_DATE('12/15/2023', 'MM/DD/YYYY'), 'FedEx', 'Chair', 'AID014', 'EID014');

INSERT INTO Supplier

VALUES ('SP015', 'DEF Suppliers', 'def@example.com', 'Amelia Anderson', 'Home Decor', 0.05, TO_DATE('12/25/2023', 'MM/DD/YYYY'), TO_DATE('12/30/2023', 'MM/DD/YYYY'), 'DHL', 'Headphones', 'AID015', 'EID015');

INSERT INTO Supplier

VALUES ('SP016', 'GHI Corporation', 'ghi@example.com', 'Benjamin Harris', 'Electronics', 0.12, TO_DATE('01/05/2024', 'MM/DD/YYYY'), TO_DATE('01/10/2024', 'MM/DD/YYYY'), 'UPS', 'Dress', 'AID016', 'EID016');

INSERT INTO Supplier

VALUES ('SP017', 'JKL Distributors', 'jkl@example.com', 'Mia Martinez', 'Clothing', 0.1, TO_DATE('02/15/2024', 'MM/DD/YYYY'), TO_DATE('02/20/2024', 'MM/DD/YYYY'), 'DHL', 'Coffee Table', 'AID017', 'EID017');

INSERT INTO Supplier

VALUES ('SP018', 'NOP Suppliers', 'nop@example.com', 'James Johnson', 'Home Decor', 0.07, TO_DATE('03/01/2024', 'MM/DD/YYYY'), TO_DATE('03/06/2024', 'MM/DD/YYYY'), 'FedEx', 'Printer', 'AID018', 'EID018');

INSERT INTO Supplier

VALUES ('SP019', 'RST Enterprises', 'rst@example.com', 'Ava Davis', 'Electronics',
0.15, TO_DATE('04/10/2024', 'MM/DD/YYYY'), TO_DATE('04/15/2024', 'MM/DD/YYYY'),
'UPS', 'Sunglasses', 'AID019', 'EID019');

INSERT INTO Supplier

VALUES ('SP020', 'UVW Distributors', 'uvw@example.com', 'Noah Wilson',
'Furniture', 0.09, TO_DATE('05/20/2024', 'MM/DD/YYYY'), TO_DATE('05/25/2024',
'MM/DD/YYYY'), 'DHL', 'Bed Frame', 'AID020', 'EID020');

CREATE TABLE Stock (

StockID VARCHAR2(10),

StockName VARCHAR2(50),

StockPrice NUMBER(9, 2),

StockType VARCHAR2(50),

StockDateOfProduction DATE,

StockExpiryDate DATE,

StockQuantity NUMBER(5),

StockStatus VARCHAR2(20),

StockWarranty VARCHAR2(20),

StockSupplierName VARCHAR2(50),

SupplierID varchar2(10),

EmID varchar2(10),

InvenID varchar2(10),

Constraint Stock_pk PRIMARY KEY (StockID),

Constraint Stock_SupplierID_fk FOREIGN KEY (SupplierID)

REFERENCES Supplier(SupplierID),

Constraint Stock_EmID_fk FOREIGN KEY (EmID) REFERENCES Employee(EmID),

Constraint Stock_InvenID_fk FOREIGN KEY (InvenID) REFERENCES Inventory(InvenID)

);

INSERT INTO Stock

VALUES ('SID001', 'Bed Linen Set', 50, 'Hotel Item', TO_DATE('03/15/2022', 'MM/DD/YYYY'), NULL, 100, 'In Stock', NULL, 'ABC Hotel Supplies', 'SP001', 'EID001', 'IV001');

INSERT INTO Stock

VALUES ('SID002', 'Bath Towels', 20, 'Hotel Item', TO_DATE('02/28/2022', 'MM/DD/YYYY'), NULL, 200, 'In Stock', NULL, 'XYZ Hotel Supplies', 'SP002', 'EID002', 'IV002');

INSERT INTO Stock

VALUES ('SID003', 'Shampoo Bottles', 10, 'Hotel Item', TO_DATE('01/10/2022', 'MM/DD/YYYY'), NULL, 150, 'In Stock', NULL, 'PQR Hotel Supplies', 'SP003', 'EID003', 'IV003');

INSERT INTO Stock

VALUES ('SID004', 'Coffee Beans', 30, 'Food Stock', TO_DATE('04/20/2022', 'MM/DD/YYYY'), TO_DATE('04/20/2023', 'MM/DD/YYYY'), 50, 'In Stock', '1 Year', 'XYZ Coffee Supplier', 'SP004', 'EID004', 'IV004');

INSERT INTO Stock

VALUES ('SID005', 'Rice', 15, 'Food Stock', TO_DATE('03/05/2022', 'MM/DD/YYYY'), TO_DATE('03/05/2023', 'MM/DD/YYYY'), 100, 'In Stock', '1 Year', 'ABC Rice Supplier', 'SP005', 'EID005', 'IV005');

INSERT INTO Stock

VALUES ('SID006', 'Canned Tuna', 8, 'Food Stock', TO_DATE('02/18/2022', 'MM/DD/YYYY'), TO_DATE('02/18/2024', 'MM/DD/YYYY'), 80, 'In Stock', '2 Years', 'PQR Seafood Supplier', 'SP006', 'EID006', 'IV006');

INSERT INTO Stock

VALUES ('SID007', 'Bathrobes', 35, 'Hotel Item', TO_DATE('05/10/2022', 'MM/DD/YYYY'), NULL, 50, 'In Stock', NULL, 'MNO Hotel Supplies', 'SP007', 'EID007', 'IV007');

INSERT INTO Stock

VALUES ('SID008', 'Salad Dressing', 12, 'Food Stock', TO_DATE('03/15/2022', 'MM/DD/YYYY'), NULL, 70, 'In Stock', '1 Year', 'EFG Food Distributor', 'SP008', 'EID008', 'IV008');

INSERT INTO Stock

VALUES ('SID009', 'Pillows', 25, 'Hotel Item', TO_DATE('02/05/2022', 'MM/DD/YYYY'), NULL, 120, 'In Stock', NULL, 'JKL Hotel Supplies', 'SP009', 'EID009', 'IV009');

INSERT INTO Stock

VALUES ('SID010', 'Frozen Chicken', 18, 'Food Stock', TO_DATE('01/20/2022', 'MM/DD/YYYY'), TO_DATE('01/20/2023', 'MM/DD/YYYY'), 60, 'In Stock', '1 Year', 'RST Poultry Supplier', 'SP010', 'EID010', 'IV010');

INSERT INTO Stock

VALUES ('SID011', 'Toothbrushes', 5, 'Hotel Item', TO_DATE('2022-06-12', 'YYYY-MM-DD'), NULL, 100, 'In Stock', NULL, 'ABC Hotel Supplies', 'SP011', 'EID011', 'IV011');

INSERT INTO Stock

VALUES('SID012', 'Orange Juice', 8, 'Food Stock', TO_DATE('2022-05-25', 'YYYY-MM-DD'), TO_DATE('2024-02-18', 'YYYY-MM-DD'), 200, 'In Stock', '2 Years', 'XYZ Hotel Supplies', 'SP012', 'EID012', 'IV012');

INSERT INTO Stock

VALUES ('SID013', 'Hand Soap', 6, 'Hotel Item', TO_DATE('2022-04-08', 'YYYY-MM-DD'), NULL, 150, 'In Stock', NULL, 'PQR Hotel Supplies', 'SP013', 'EID013', 'IV013');

INSERT INTO Stock

VALUES ('SID014', 'Cereal', 10, 'Food Stock', TO_DATE('2022-03-20', 'YYYY-MM-DD'), TO_DATE('2023-03-20', 'YYYY-MM-DD'), 100, 'In Stock', '1 Year', 'XYZ Coffee Supplier', 'SP014', 'EID014', 'IV014');

INSERT INTO Stock

VALUES ('SID015', 'Tissues', 3, 'Hotel Item', TO_DATE('2022-02-15', 'YYYY-MM-DD'), NULL, 50, 'In Stock', NULL, 'ABC Hotel Supplies', 'SP015', 'EID015', 'IV015');

INSERT INTO Stock

VALUES ('SID016', 'Tomato Sauce', 4, 'Food Stock', TO_DATE('2022-01-30', 'YYYY-MM-DD'), TO_DATE('2023-01-30', 'YYYY-MM-DD'), 120, 'In Stock', '1 Year', 'JKL Hotel Supplies', 'SP016', 'EID016', 'IV016');

INSERT INTO Stock

VALUES ('SID017', 'Bath Mats', 15, 'Hotel Item', TO_DATE('2022-05-05', 'YYYY-MM-DD'), NULL, 70, 'In Stock', NULL, 'EFG Food Distributor', 'SP017', 'EID017', 'IV017');

INSERT INTO Stock

VALUES ('SID018', 'Bottled Water', 2, 'Food Stock', TO_DATE('2022-04-18', 'YYYY-MM-DD'), NULL, 120, 'In Stock', NULL, 'JKL Hotel Supplies', 'SP018', 'EID018', 'IV018');

INSERT INTO Stock

VALUES ('SID019', 'Lotion', 8, 'Hotel Item', TO_DATE('2022-03-10', 'YYYY-MM-DD'),
NULL, 100, 'In Stock', NULL, 'ABC Hotel Supplies', 'SP019', 'EID019', 'IV019');

INSERT INTO Stock

VALUES ('SID020', 'Frozen Vegetables', 7, 'Food Stock', TO_DATE('2022-02-01', 'YYYY-
MM-DD'), NULL, 150, 'In Stock', NULL, 'XYZ Hotel Supplies', 'SP020', 'EID020', 'IV020');

CREATE TABLE Bill (

BillID VARCHAR2(10),

BillAccountNumber VARCHAR2(20),

BillCode VARCHAR2(10),

BillTime VARCHAR2(10),

BillDate DATE,

BillDateDue DATE,

BillTax NUMBER(8,2),

BillTotal NUMBER(8,2),

BillSubTotal NUMBER(8,2),

BillPaymentTerms VARCHAR2(50),

EmID varchar2(10),

AddID varchar2(10),

CONSTRAINT Bill_pk PRIMARY KEY (BillID),

CONSTRAINT Bill_EmID_fk FOREIGN KEY (EmID) REFERENCES Employee(EmID),

CONSTRAINT Bill_AddID_fk FOREIGN KEY (AddID) REFERENCES Address(AddID)

);

INSERT INTO Bill

VALUES ('BID001', '123456789', 'BC001', '12:00', TO_DATE('01/01/2022',
'MM/DD/YYYY'), TO_DATE('01/15/2022', 'MM/DD/YYYY'), 5.00, 180.00, 200.00, 'Net 15
days', 'EID001', 'AID001');

INSERT INTO Bill

VALUES ('BID002', '987654321', 'BC002', '14:30', TO_DATE('02/05/2022', 'MM/DD/YYYY'), TO_DATE('02/20/2022', 'MM/DD/YYYY'), 5.00, 335.00, 350.00, 'Net 15 days', 'EID002', 'AID002');

INSERT INTO Bill

VALUES ('BID003', '456789123', 'BC003', '09:45', TO_DATE('03/10/2022', 'MM/DD/YYYY'), TO_DATE('03/25/2022', 'MM/DD/YYYY'), 5.00, 480.00, 500.00, 'Net 15 days', 'EID003', 'AID003');

INSERT INTO Bill

VALUES ('BID004', '789123456', 'BC004', '16:15', TO_DATE('04/15/2022', 'MM/DD/YYYY'), TO_DATE('04/30/2022', 'MM/DD/YYYY'), 5.00, 775.00, 800.00, 'Net 15 days', 'EID004', 'AID004');

INSERT INTO Bill

VALUES ('BID005', '234567891', 'BC005', '11:30', TO_DATE('05/20/2022', 'MM/DD/YYYY'), TO_DATE('06/04/2022', 'MM/DD/YYYY'), 5.00, 435.00, 450.00, 'Net 15 days', 'EID005', 'AID005');

INSERT INTO Bill

VALUES ('BID006', '567891234', 'BC006', '15:45', TO_DATE('06/25/2022', 'MM/DD/YYYY'), TO_DATE('07/10/2022', 'MM/DD/YYYY'), 5.00, 140.00, 150.00, 'Net 15 days', 'EID006', 'AID006');

INSERT INTO Bill

VALUES ('BID007', '912345678', 'BC007', '08:00', TO_DATE('07/30/2022', 'MM/DD/YYYY'), TO_DATE('08/14/2022', 'MM/DD/YYYY'), 5.00, 95.00, 100.00, 'Net 15 days', 'EID007', 'AID007');

INSERT INTO Bill

VALUES ('BID008', '345678912', 'BC008', '13:30', TO_DATE('08/25/2022', 'MM/DD/YYYY'), TO_DATE('09/09/2022', 'MM/DD/YYYY'), 5.00, 290.00, 300.00, 'Net 15 days', 'EID008', 'AID008');

INSERT INTO Bill

VALUES ('BID009', '678912345', 'BC009', '10:45', TO_DATE('09/30/2022', 'MM/DD/YYYY'), TO_DATE('10/15/2022', 'MM/DD/YYYY'), 5.00, 535.00, 550.00, 'Net 15 days', 'EID009', 'AID009');

INSERT INTO Bill

VALUES ('BID010', '891234567', 'BC010', '17:15', TO_DATE('10/31/2022', 'MM/DD/YYYY'), TO_DATE('11/15/2022', 'MM/DD/YYYY'), 5.00, 225.00, 250.00, 'Net 15 days', 'EID010', 'AID010');

INSERT INTO Bill

VALUES ('BID011', '112233445', 'BC001', '09:00', TO_DATE('11/05/2022', 'MM/DD/YYYY'), TO_DATE('11/15/2022', 'MM/DD/YYYY'), 5.00, 225.00, 250.00, 'Net 15 days', 'EID011', 'AID011');

INSERT INTO Bill

VALUES ('BID012', '556677889', 'BC002', '13:45', TO_DATE('12/10/2022', 'MM/DD/YYYY'), TO_DATE('12/15/2022', 'MM/DD/YYYY'), 5.00, 160.00, 180.00, 'Net 15 days', 'EID012', 'AID012');

INSERT INTO Bill

VALUES ('BID013', '990011223', 'BC003', '10:30', TO_DATE('01/15/2023', 'MM/DD/YYYY'), TO_DATE('01/20/2023', 'MM/DD/YYYY'), 5.00, 383.00, 400.00, 'Net 15 days', 'EID013', 'AID013');

INSERT INTO Bill

VALUES ('BID014', '334455667', 'BC004', '16:00', TO_DATE('02/20/2023', 'MM/DD/YYYY'), TO_DATE('02/25/2023', 'MM/DD/YYYY'), 5.00, 580.00, 600.00, 'Net 15 days', 'EID014', 'AID014');

INSERT INTO Bill

VALUES ('BID015', '778899001', 'BC005', '11:15', TO_DATE('03/25/2023', 'MM/DD/YYYY'), TO_DATE('03/30/2023', 'MM/DD/YYYY'), 5.00, 825.00, 850.00, 'Net 15 days', 'EID015', 'AID015');

INSERT INTO Bill

VALUES ('BID016', '112233445', 'BC006', '15:30', TO_DATE('04/30/2023', 'MM/DD/YYYY'), TO_DATE('05/05/2023', 'MM/DD/YYYY'), 5.00, 335.00, 350.00, 'Net 15 days', 'EID016', 'AID016');

INSERT INTO Bill

VALUES ('BID017', '556677889', 'BC007', '08:45', TO_DATE('05/05/2023', 'MM/DD/YYYY'), TO_DATE('05/20/2023', 'MM/DD/YYYY'), 5.00, 180.00, 200.00, 'Net 15 days', 'EID017', 'AID017');

INSERT INTO Bill

VALUES ('BID018', '990011223', 'BC008', '14:15', TO_DATE('06/10/2023', 'MM/DD/YYYY'), TO_DATE('06/25/2023', 'MM/DD/YYYY'), 5.00, 114.00, 120.00, 'Net 15 days', 'EID018', 'AID018');

INSERT INTO Bill

VALUES ('BID019', '334455667', 'BC009', '09:30', TO_DATE('07/15/2023', 'MM/DD/YYYY'), TO_DATE('07/30/2023', 'MM/DD/YYYY'), 5.00, 270.00, 280.00, 'Net 15 days', 'EID019', 'AID019');

INSERT INTO Bill

VALUES ('BID020', '778899001', 'BC010', '17:00', TO_DATE('08/20/2023', 'MM/DD/YYYY'), TO_DATE('09/15/2023', 'MM/DD/YYYY'), 5.00, 288.00, 320.00, 'Net 15 days', 'EID020', 'AID020');

CREATE TABLE Water (

WaterID VARCHAR2(10),

WaterRefNum VARCHAR2(10),

WaterTax NUMBER(8, 2),

WaterBillNum VARCHAR2(10),

WaterExplanation VARCHAR2(50),

WaterOldMeterNum NUMBER(8),

WaterNewMeterNum NUMBER(8),

WaterAmount NUMBER(10, 2),

WaterCustomerServiceEmail VARCHAR2(50),

WaterCustomerServicePhoneNum VARCHAR2(20),

BillID Varchar2 (10),

CONSTRAINT Water_pk PRIMARY KEY (WaterID),

CONSTRAINT Water_BillID_fk FOREIGN KEY (BillID) REFERENCES Bill(BillID)

);

INSERT INTO Water

VALUES ('WID001', 'REF001', 3.00, 'WB001', 'Usage Charges', 21875, 59038, 5089.40,
'customerservice@water.com', '+6017-123-3210', 'BID001');

INSERT INTO Water

VALUES ('WID002', 'REF002', 3.00, 'WB002', 'Late Payment', 36391, 62971, 7532.00,
'support@watercompany.com', '+6017-654-3212', 'BID002');

INSERT INTO Water

VALUES ('WID003', 'REF003', 3.00, 'WB003', 'Adjustment', 41233, 78051, 8010.00,
'info@watersupport.com', '+6015-324-4467', 'BID003');

INSERT INTO Water

VALUES ('WID004', 'REF004', 3.00, 'WB004', 'Usage Charges', 54928, 88209, 6950.70,
'help@watercompany.com', '+6018-999-0000', 'BID004');

INSERT INTO Water

VALUES ('WID005', 'REF005', 3.00, 'WB005', 'Usage Charges', 62381, 90963, 7894.30,
'support@waterprovider.com', '+6017-888-9999', 'BID005');

INSERT INTO Water

VALUES ('WID006', 'REF006', 3.00, 'WB006', 'Late Payment', 79374, 109753,
7943.00, 'customerservice@water.com', '+6019-567-8901', 'BID006');

INSERT INTO Water

VALUES ('WID007', 'REF007', 3.00, 'WB007', 'Usage Charges', 89276, 118449,
7443.40, 'support@watercompany.com', '+6011-222-3333', 'BID007');

INSERT INTO Water

VALUES ('WID008', 'REF008', 3.00, 'WB008', 'Adjustment', 97514, 129632, 5589.00,
'info@watersupport.com', '+6014-555-6666', 'BID008');

INSERT INTO Water

VALUES ('WID009', 'REF009', 3.00, 'WB009', 'Usage Charges', 107039, 132590,
8150.80, 'help@watercompany.com', '+6019-888-7777', 'BID009');

INSERT INTO Water

VALUES ('WID010', 'REF010', 3.00, 'WB010', 'Usage Charges', 111987, 141095,
7238.00, 'support@waterprovider.com', '+6013-456-7890', 'BID010');

```

CREATE TABLE Electric (
    ElecID VARCHAR2(10),
    ElecInvoiceNum VARCHAR2(10),
    ElecMeterNum VARCHAR2(10),
    ElecOldMeterNum NUMBER(8),
    ElecNewMeterNum NUMBER(8),
    ElecUsage NUMBER(8),
    ElecUnit VARCHAR2(5),
    ElecRate NUMBER(8, 2),
    ElecTotal NUMBER(10, 2),
    ElecSubTotal NUMBER(10, 2),
    BillID Varchar2(10),
    CONSTRAINT Electric_pk PRIMARY KEY (ElecID),
    CONSTRAINT Electric_BillID_fk FOREIGN KEY (BillID) REFERENCES Bill(BillID)
);

```

```

INSERT INTO Electric
VALUES ('EID001', 'INV001', '819700044', 54872, 97523, 100245, 'kWh', 1.6, 100453,
160724.8, 'BID001');
INSERT INTO Electric
VALUES('EID002', 'INV002', '819700044', 73641, 18209, 150064, 'kWh', 1.6, 119842,
191747.2, 'BID002');
INSERT INTO Electric
VALUES ('EID003', 'INV003', '819700044', 62193, 48051, 89076, 'kWh', 1.6, 114765,
183624, 'BID003');
INSERT INTO Electric
VALUES ('EID004', 'INV004', '819700044', 91375, 38209, 1200, 'kWh', 1.6, 120870,
193392, 'BID004');
INSERT INTO Electric
VALUES ('EID005', 'INV005', '819700044', 82045, 50963, 900, 'kWh', 1.6, 103635,
165816, 'BID005');

```

INSERT INTO Electric

VALUES ('EID006', 'INV006', '819700044', 42975, 19753, 600, 'kWh', 1.6, 98756,
158009.6, 'BID006');

INSERT INTO Electric

VALUES ('EID007', 'INV007', '819700044', 37682, 62849, 1000, 'kWh', 1.6, 100341,
160545.6, 'BID007');

INSERT INTO Electric

VALUES ('EID008', 'INV008', '819700044', 58293, 95632, 1500, 'kWh', 1.6, 148921,
238273.6, 'BID008');

INSERT INTO Electric

VALUES ('EID009', 'INV009', '819700044', 70184, 37290, 800, 'kWh', 1.6, 97056,
155289.6, 'BID009');

INSERT INTO Electric

VALUES('EID010', 'INV010', '819700044', 85397, 14095, 1200, 'kWh', 1.6, 120427,
192683.2, 'BID010');

```

CREATE TABLE Room (
    RoomID VARCHAR2(10),
    RoomSize VARCHAR2(20),
    RoomTotalRooms NUMBER(3),
    RoomTotalDays NUMBER(3),
    RoomTotalNight NUMBER(3),
    RoomPax NUMBER(3),
    RoomType VARCHAR2(20),
    RoomBedSize VARCHAR2(20),
    RoomNumOfBed NUMBER(2),
    RoomReservationSource VARCHAR2(50),
    CustID varchar2 (10),
    EmID varchar2 (10),
    CONSTRAINT Room_pk PRIMARY KEY (RoomID),
    CONSTRAINT Room_CustID_fk FOREIGN KEY (CustID) REFERENCES Customer
(CustID),
    CONSTRAINT Room_EmID_fk FOREIGN KEY (EmID) REFERENCES Employee (EmID)
);

```

```

INSERT INTO Room
VALUES ('R001', 'Standard', 1, 5, 4, 2, 'Single', 'Queen', 1, 'Online Booking', 'C001',
'EID001');

```

```

INSERT INTO Room
VALUES ('R002', 'Deluxe', 1, 3, 2, 2, 'Double', 'King', 1, 'Phone Reservation', 'C002',
'EID002');

```

```

INSERT INTO Room
VALUES ('R003', 'Standard', 1, 7, 6, 1, 'Single', 'Twin', 2, 'Walk-in', 'C003', 'EID003');

```

```

INSERT INTO Room
VALUES ('R004', 'Suite', 1, 2, 1, 4, 'Quad', 'King', 2, 'Online Booking', 'C004', 'EID004');

```

```

INSERT INTO Room
VALUES ('R005', 'Deluxe', 1, 4, 3, 3, 'Triple', 'Queen', 2, 'Phone Reservation', 'C005',
'EID005');

```


INSERT INTO Room

VALUES ('R006', 'Standard', 1, 1, 1, 1, 'Single', 'Twin', 1, 'Walk-in', 'C006', 'EID006');

INSERT INTO Room

VALUES ('R007', 'Suite', 1, 6, 5, 2, 'Double', 'King', 1, 'Online Booking', 'C007',
'EID007');

INSERT INTO Room

VALUES ('R008', 'Deluxe', 1, 3, 2, 2, 'Double', 'Queen', 1, 'Phone Reservation', 'C008',
'EID008');

INSERT INTO Room

VALUES ('R009', 'Standard', 1, 2, 1, 1, 'Single', 'Twin', 1, 'Walk-in', 'C009', 'EID009');

INSERT INTO Room

VALUES ('R010', 'Suite', 1, 4, 3, 2, 'Double', 'King', 1, 'Walk-in', 'C010', 'EID010');

INSERT INTO Room

VALUES ('R011', 'Standard', 1, 3, 2, 2, 'Double', 'King', 1, 'Phone Reservation', 'C011',
'EID011');

INSERT INTO Room

VALUES ('R012', 'Deluxe', 1, 5, 4, 1, 'Single', 'Twin', 1, 'Walk-in', 'C012', 'EID012');

INSERT INTO Room

VALUES ('R013', 'Standard', 1, 2, 1, 2, 'Double', 'King', 1, 'Online Booking', 'C013',
'EID013');

INSERT INTO Room

VALUES ('R014', 'Suite', 1, 7, 6, 1, 'Single', 'Twin', 1, 'Phone Reservation', 'C014',
'EID014');

INSERT INTO Room

VALUES ('R015', 'Deluxe', 1, 4, 3, 2, 'Double', 'Queen', 1, 'Online Booking', 'C015',
'EID015');

INSERT INTO Room

VALUES ('R016', 'Standard', 1, 1, 1, 2, 'Double', 'King', 1, 'Walk-in', 'C016', 'EID016');

INSERT INTO Room

VALUES ('R017', 'Suite', 1, 5, 4, 1, 'Single', 'Twin', 1, 'Phone Reservation', 'C017',
'EID017');

INSERT INTO Room

VALUES ('R018', 'Deluxe', 1, 3, 2, 2, 'Double', 'King', 1, 'Online Booking', 'C018', 'EID018');

INSERT INTO Room

VALUES ('R019', 'Standard', 1, 4, 3, 1, 'Single', 'Twin', 1, 'Walk-in', 'C019', 'EID019');

INSERT INTO Room

VALUES ('R020', 'Suite', 1, 2, 1, 2, 'Double', 'King', 1, 'Online Booking', 'C020', 'EID020');

CREATE TABLE Booking (

BookingID VARCHAR2(10),

BookTime VARCHAR2(10),

BookStartDate DATE,

BookEndDate DATE,

BookTotalPrice NUMBER(8, 2),

BookStatus VARCHAR2(20),

BookPackage VARCHAR2(20),

BookSpecialReq VARCHAR2(50),

BookPayment VARCHAR2(20),

BookLoyaltyProgram VARCHAR2(20),

CustID varchar2 (10),

EmID varchar2 (10),

RoomID varchar2 (10),

AddID varchar2 (10),

CONSTRAINT Booking_pk PRIMARY KEY (BookingID),

CONSTRAINT Booking_CustID_fk FOREIGN KEY (CustID) REFERENCES Customer (CustID),

CONSTRAINT Booking_EmID_fk FOREIGN KEY (EmID) REFERENCES Employee (EmID),

CONSTRAINT Booking_RoomID_fk FOREIGN KEY (RoomID) REFERENCES Room (RoomID),

CONSTRAINT Booking_AddID_fk FOREIGN KEY (AddID) REFERENCES Address (AddID)

);

INSERT INTO Booking

VALUES ('B001', '09:00 AM', TO_DATE('2023-07-01', 'YYYY-MM-DD'),
TO_DATE('2023-07-05', 'YYYY-MM-DD'), 500.00, 'Confirmed', 'Standard', 'None', 'Paid',
'Silver', 'C001', 'EID001', 'R001', 'AID001');

INSERT INTO Booking

VALUES ('B002', '10:30 AM', TO_DATE('2023-08-15', 'YYYY-MM-DD'),
TO_DATE('2023-08-20', 'YYYY-MM-DD'), 800.00, 'Confirmed', 'Deluxe', 'Vegetarian meals',
'Paid', 'Gold', 'C002', 'EID002', 'R002', 'AID002');

INSERT INTO Booking

VALUES ('B003', '02:15 PM', TO_DATE('2023-09-10', 'YYYY-MM-DD'), TO_DATE('2023-
09-15', 'YYYY-MM-DD'), 350.00, 'Confirmed', 'Standard', 'None', 'Paid', 'Bronze', 'C003'
, 'EID003', 'R003', 'AID003');

INSERT INTO Booking

VALUES ('B004', '04:30 PM', TO_DATE('2023-07-20', 'YYYY-MM-DD'), TO_DATE('2023-
07-25', 'YYYY-MM-DD'), 650.00, 'Confirmed', 'Suite', 'None', 'Paid', 'Gold', 'C004', 'EID004'
, 'R004', 'AID004');

INSERT INTO Booking

VALUES ('B005', '11:45 AM', TO_DATE('2023-08-05', 'YYYY-MM-DD'),
TO_DATE('2023-08-10', 'YYYY-MM-DD'), 450.00, 'Confirmed', 'Deluxe', 'None', 'Paid', 'Silver',
'C005', 'EID005', 'R005', 'AID005');

INSERT INTO Booking

VALUES ('B006', '03:30 PM', TO_DATE('2023-09-01', 'YYYY-MM-DD'), TO_DATE('2023-
09-07', 'YYYY-MM-DD'), 700.00, 'Confirmed', 'Standard', 'None', 'Paid', 'Gold', 'C006'
, 'EID006', 'R006', 'AID006');

INSERT INTO Booking

VALUES ('B007', '08:00 AM', TO_DATE('2023-07-10', 'YYYY-MM-DD'),
TO_DATE('2023-07-15', 'YYYY-MM-DD'), 550.00, 'Confirmed', 'Standard', 'None', 'Paid',
'Silver', 'C007', 'EID007', 'R007', 'AID007');

INSERT INTO Booking

VALUES ('B008', '01:45 PM', TO_DATE('2023-08-25', 'YYYY-MM-DD'), TO_DATE('2023-
09-01', 'YYYY-MM-DD'), 900.00, 'Confirmed', 'Deluxe', 'None', 'Paid', 'Gold', 'C008', 'EID008'
, 'R008', 'AID008');

INSERT INTO Booking

VALUES ('B009', '05:15 PM', TO_DATE('2023-09-15', 'YYYY-MM-DD'), TO_DATE('2023-09-20', 'YYYY-MM-DD'), 400.00, 'Confirmed', 'Standard', 'Vegan meals', 'Paid', 'Gold', 'C009', 'EID009', 'R009', 'AID009');

INSERT INTO Booking

VALUES ('B010', '10:00 AM', TO_DATE('2023-07-05', 'YYYY-MM-DD'), TO_DATE('2023-07-08', 'YYYY-MM-DD'), 300.00, 'Confirmed', 'Standard', 'None', 'Paid', 'Bronze', 'C010', 'EID010', 'R010', 'AID010');

INSERT INTO Booking

VALUES ('B011', '09:30 AM', TO_DATE('2023-08-01', 'YYYY-MM-DD'), TO_DATE('2023-08-05', 'YYYY-MM-DD'), 550, 'Confirmed', 'Standard', 'None', 'Paid', 'Silver', 'C011', 'EID011', 'R011', 'AID011');

INSERT INTO Booking

VALUES ('B012', '11:00 AM', TO_DATE('2023-09-10', 'YYYY-MM-DD'), TO_DATE('2023-09-20', 'YYYY-MM-DD'), 950, 'Confirmed', 'Deluxe', 'None', 'Paid', 'None', 'C012', 'EID012', 'R012', 'AID012');

INSERT INTO Booking

VALUES ('B013', '02:45 PM', TO_DATE('2023-07-25', 'YYYY-MM-DD'), TO_DATE('2023-07-30', 'YYYY-MM-DD'), 600, 'Confirmed', 'Standard', 'None', 'Paid', 'Gold', 'C013', 'EID013', 'R013', 'AID013');

INSERT INTO Booking

VALUES ('B014', '05:30 PM', TO_DATE('2023-08-10', 'YYYY-MM-DD'), TO_DATE('2023-08-15', 'YYYY-MM-DD'), 700, 'Confirmed', 'Standard', 'None', 'Paid', 'Gold', 'C014', 'EID014', 'R014', 'AID014');

INSERT INTO Booking

VALUES ('B015', '10:45 AM', TO_DATE('2023-09-05', 'YYYY-MM-DD'), TO_DATE('2023-09-10', 'YYYY-MM-DD'), 400, 'Confirmed', 'Standard', 'None', 'Paid', 'Silver', 'C015', 'EID015', 'R015', 'AID015');

INSERT INTO Booking

VALUES ('B016', '03:15 PM', TO_DATE('2023-07-15', 'YYYY-MM-DD'), TO_DATE('2023-07-20', 'YYYY-MM-DD'), 750, 'Confirmed', 'Standard', 'None', 'Paid', 'Silver', 'C016', 'EID016', 'R016', 'AID016');

INSERT INTO Booking

VALUES ('B017', '08:30 AM', TO_DATE('2023-08-20', 'YYYY-MM-DD'),
TO_DATE('2023-08-25', 'YYYY-MM-DD'), 800, 'Confirmed', 'Standard', 'None', 'Paid', 'Bronze',
'C017', 'EID017', 'R017', 'AID017');

INSERT INTO Booking

VALUES ('B018', '12:15 PM', TO_DATE('2023-09-01', 'YYYY-MM-DD'),
TO_DATE('2023-09-05', 'YYYY-MM-DD'), 350, 'Confirmed', 'Suite', 'None', 'Paid', 'Bronze',
'C018', 'EID018', 'R018', 'AID018');

INSERT INTO Booking

VALUES ('B019', '06:00 PM', TO_DATE('2023-07-30', 'YYYY-MM-DD'),
TO_DATE('2023-08-05', 'YYYY-MM-DD'), 900, 'Confirmed', 'Deluxe', 'None', 'Paid', 'None',
'C019', 'EID019', 'R019', 'AID019');

INSERT INTO Booking

VALUES ('B020', '10:30 AM', TO_DATE('2023-08-05', 'YYYY-MM-DD'),
TO_DATE('2023-08-12', 'YYYY-MM-DD'), 650, 'Confirmed', 'Standard', 'None', 'Paid', 'None',
'C020', 'EID020', 'R020', 'AID020')

```

CREATE TABLE Restaurant (
    RestID VARCHAR2(10),
    RestName VARCHAR2(50),
    RestType VARCHAR2(20),
    RestQuantity NUMBER(3),
    RestPrice NUMBER(5, 2),
    RestPortion VARCHAR2(10),
    RestDesc VARCHAR2(50),
    RestCuisine VARCHAR2(20),
    RestIngredients VARCHAR2(50),
    RestCourse VARCHAR2(10),
    CustID varchar2(10),
    EmID varchar2(10),
    BookingID varchar2(10),
    SupplierID varchar2(10),
    CONSTRAINT Restaurant_pk PRIMARY KEY (RestID),
    CONSTRAINT Restaurant_CustID_fk FOREIGN KEY (CustID) REFERENCES Customer
(CustID),
    CONSTRAINT Restaurant_EmID_fk FOREIGN KEY (EmID) REFERENCES Employee
(EmID),
    CONSTRAINT Restaurant_BookingID_fk FOREIGN KEY (BookingID) REFERENCES
Booking (BookingID),
    CONSTRAINT Restaurant_SupplierID_fk FOREIGN KEY (SupplierID) REFERENCES
Supplier (SupplierID)
);

```

```

INSERT INTO Restaurant
VALUES ('RT001', 'Spaghetti', 'Main Course', 1, 12.00, 'Single', 'Classic spaghetti',
'Italian', 'Pasta, tomatoes', 'Dinner', 'C001', 'EID001', 'B001', 'SP001');
INSERT INTO Restaurant
VALUES ('RT002', 'Caesar Salad', 'Appetizer', 1, 8.00, 'Single', 'Fresh greens, croutons',
'American', 'Lettuce, croutons', 'Lunch', 'C002', 'EID002', 'B002', 'SP002');

```

INSERT INTO Restaurant

VALUES ('RT003', 'Sushi Roll', 'Main Course', 8, 15.00, 'Platter', 'Assorted sushi rolls', 'Japanese', 'Rice, fish, vegetables', 'Dinner', 'C003', 'EID003', 'B003', 'SP003');

INSERT INTO Restaurant

VALUES ('RT004', 'Chicken Soup', 'Soup', 1, 6.00, 'Single', 'Hearty chicken soup', 'American', 'Chicken, vegetables', 'Dinner', 'C004', 'EID004', 'B004', 'SP004');

INSERT INTO Restaurant

VALUES ('RT005', 'Margherita', 'Pizza', 1, 14.00, 'Large', 'Traditional pizza', 'Italian', 'Tomato sauce, cheese', 'Dinner', 'C005', 'EID005', 'B005', 'SP005');

INSERT INTO Restaurant

VALUES ('RT006', 'Tiramisu', 'Dessert', 1, 7.00, 'Single', 'Classic Italian dessert', 'Italian', 'Ladyfingers, mascarpone', 'Dessert', 'C006', 'EID006', 'B006', 'SP006');

INSERT INTO Restaurant

VALUES ('RT007', 'Beef Burger', 'Main Course', 1, 10.00, 'Single', 'Juicy beef burger', 'American', 'Beef patty, buns', 'Lunch', 'C007', 'EID007', 'B007', 'SP007');

INSERT INTO Restaurant

VALUES ('RT008', 'Fried Rice', 'Main Course', 1, 9.00, 'Single', 'Flavored fried rice', 'Asian', 'Rice, vegetables', 'Dinner', 'C008', 'EID008', 'B008', 'SP008');

INSERT INTO Restaurant

VALUES ('RT009', 'Caesar Wrap', 'Main Course', 1, 11.00, 'Single', 'Caesar salad in a wrap', 'American', 'Lettuce, chicken', 'Lunch', 'C009', 'EID009', 'B009', 'SP009');

INSERT INTO Restaurant

VALUES ('RT010', 'Chocolate Cake', 'Dessert', 1, 8.00, 'Single', 'Rich chocolate cake', 'International', 'Chocolate, flour', 'Dessert', 'C010', 'EID010', 'B010', 'SP010');

INSERT INTO Restaurant

VALUES ('RT011', 'Chicken Alfredo', 'Main Course', 1, 13, 'Single', 'Pasta in creamy sauce', 'Italian', 'Chicken, cream, pasta', 'Dinner', 'C011', 'EID011', 'B011', 'SP011');

INSERT INTO Restaurant

VALUES ('RT012', 'Greek Salad', 'Appetizer', 1, 9, 'Single', 'Refreshing salad', 'Greek', 'Lettuce, tomatoes, feta cheese', 'Lunch', 'C012', 'EID012', 'B012', 'SP012');

INSERT INTO Restaurant

VALUES('RT013', 'Tuna Roll', 'Main Course', 8, 16, 'Platter', 'Assorted sushi rolls',
'Japanese', 'Rice, fish, vegetables', 'Dinner', 'C013', 'EID013', 'B013', 'SP013');

INSERT INTO Restaurant

VALUES('RT014', 'Tomato Soup', 'Soup', 1, 7, 'Single', 'Comforting soup', 'American',
'Tomatoes, herbs', 'Dinner', 'C014', 'EID014', 'B014', 'SP014');

INSERT INTO Restaurant

VALUES('RT015', 'Pepperoni', 'Pizza', 1, 15, 'Single', 'Classic pizza', 'Italian', 'Tomato
sauce, pepperoni, cheese', 'Dinner', 'C015', 'EID015', 'B015', 'SP015');

INSERT INTO Restaurant

VALUES('RT016', 'Cheesecake', 'Dessert', 1, 8, 'Single', 'Creamy dessert',
'International', 'Cream cheese, crust', 'Dessert', 'C016', 'EID016', 'B016', 'SP016');

INSERT INTO Restaurant

VALUES('RT017', 'Pulled Pork', 'Main Course', 1, 12, 'Large', 'Tender pulled pork',
'American', 'Pork shoulder, barbecue sauce', 'Dinner', 'C017', 'EID017', 'B017', 'SP017');

INSERT INTO Restaurant

VALUES('RT018', 'Pad Thai', 'Main Course', 1, 11, 'Single', 'Traditional Thai dish',
'Thai', 'Rice noodles, shrimp, tofu', 'Dinner', 'C018', 'EID018', 'B018', 'SP018');

INSERT INTO Restaurant

VALUES('RT019', 'Caprese Wrap', 'Main Course', 1, 10, 'Single', 'Fresh and flavorful
wrap', 'Italian', 'Tomatoes, mozzarella, basil', 'Lunch', 'C019', 'EID019', 'B019', 'SP019');

INSERT INTO Restaurant

VALUES('RT020', 'Apple Pie', 'Dessert', 1, 9, 'Single', 'Classic apple pie', 'American',
'Apples, cinnamon, crust', 'Dessert', 'C020', 'EID020', 'B020', 'SP020');


```

CREATE TABLE Laundry (
    LaundryID VARCHAR2(10),
    LaundryName VARCHAR2(50),
    LaundryRoomNumber VARCHAR2(10),
    LaundryItem VARCHAR2(20),
    LaundryQuantity NUMBER(3),
    LaundryCharge NUMBER(8, 2),
    LaundryServiceType VARCHAR2(20),
    LaundryTotal NUMBER(8, 2),
    LaundryTax NUMBER(8, 2),
    LaundryActualTotal NUMBER(8, 2),
    RoomID varchar2 (10),
    CustID varchar2 (10),
    EmID varchar2 (10),
    CONSTRAINT Laundry_pk PRIMARY KEY (LaundryID),
    CONSTRAINT Laundry_RoomID_fk FOREIGN KEY (RoomID) REFERENCES
Room(RoomID),
    CONSTRAINT Laundry_CustID_fk FOREIGN KEY (CustID) REFERENCES Customer
(CustID),
    CONSTRAINT Laundry_EmID_fk FOREIGN KEY (EmID) REFERENCES Employee(EmID)
);

```

```

INSERT INTO Laundry
VALUES ('L001', 'Ali', '301', 'Shirt', 2, 5.00, 'Express', 10.00, 6.00, 10.60, 'R001' , 'C001'
, 'EID001');

```

```

INSERT INTO Laundry
VALUES ('L002', 'Fatimah', '402', 'Pants', 1, 8.00, 'Regular', 8.00, 6.00, 8.48, 'R002' ,
'C002' , 'EID002');

```

```

INSERT INTO Laundry
VALUES ('L003', 'Mohd', '503', 'Dress', 3, 10.00, 'Express', 30.00, 6.00, 31.80, 'R003' ,
'C003' , 'EID003');

```

```

INSERT INTO Laundry
VALUES ('L004', 'Aishah', '604', 'Sweater', 2, 12.00, 'Regular', 24.00, 6.00, 25.44,
'R004' , 'C004' , 'EID004');

INSERT INTO Laundry
VALUES ('L005', 'Nurul', '705', 'Bed Sheet', 4, 15.00, 'Express', 60.00, 6.00, 63.60,
'R005' , 'C005' , 'EID005');

INSERT INTO Laundry
VALUES ('L006', 'Ahmad', '806', 'Towel', 3, 7.00, 'Regular', 9.00, 6.00, 9.54, 'R006' ,
'C006' , 'EID006');

INSERT INTO Laundry
VALUES ('L007', 'Siti', '907', 'Blouse', 2, 10.00, 'Express', 14.00, 6.00, 14.84, 'R007' ,
'C007' , 'EID007');

INSERT INTO Laundry
VALUES ('L008', 'Nor', '1008', 'Jeans', 1, 15.00, 'Regular', 10.00, 6.00, 10.60, 'R008',
'C008' , 'EID008');

INSERT INTO Laundry
VALUES ('L009', 'Amir', '1109', 'Jacket', 1, 2.00, 'Express', 15.00, 6.00, 15.90, 'R009' ,
'C009' , 'EID009');

INSERT INTO Laundry
VALUES ('L010', 'Aisyah', '1210', 'Pillow Case', 2, 7.00, 'Regular', 4.00, 6.00, 4.24,
'R010' , 'C010', 'EID010');

INSERT INTO Laundry
VALUES('L011', 'Hafiz', '1311', 'Socks', 5, 15.00, 'Express', 15.00, 6.00, 15.90, 'R011',
'C011', 'EID011');

INSERT INTO Laundry
VALUES('L012', 'Zahra', '1412', 'Towel', 2, 4.00, 'Regular', 4.00, 6.00, 4.24, 'R012',
'C012', 'EID012');

INSERT INTO Laundry
VALUES('L013', 'Kamal', '1513', 'T-Shirt', 3, 8.00, 'Express', 10.00, 6.00, 10.60, 'R013',
'C013', 'EID013');

```

INSERT INTO Laundry

VALUES('L014', 'Sofia', '1614', 'Bed Sheet', 1, 12.00, 'Regular', 8.00, 6.00, 8.48, 'R014', 'C014', 'EID014');

INSERT INTO Laundry

VALUES('L015', 'Rizwan', '1715', 'Pants', 2, 30.00, 'Express', 30.00, 6.00, 31.80, 'R015', 'C015', 'EID015');

INSERT INTO Laundry

VALUES('L016', 'Maya', '1816', 'Blouse', 3, 6.00, 'Regular', 24.00, 6.00, 25.44, 'R016', 'C016', 'EID016');

INSERT INTO Laundry

VALUES('L017', 'Amirul', '1917', 'Shirt', 2, 60.00, 'Express', 60.00, 6.00, 63.60, 'R017', 'C017', 'EID017');

INSERT INTO Laundry

VALUES('L018', 'Sara', '2018', 'Dress', 1, 9.00, 'Regular', 9.00, 6.00, 9.54, 'R018', 'C018', 'EID018');

INSERT INTO Laundry

VALUES('L019', 'Haziq', '2119', 'Jacket', 1, 14.00, 'Express', 14.00, 6.00, 14.84, 'R019', 'C019', 'EID019');

INSERT INTO Laundry

VALUES('L020', 'Nisa', '2220', 'Pillow Case', 2, 10.00, 'Regular', 10.00, 6.00, 10.60, 'R020', 'C020', 'EID020');

```

CREATE TABLE Payment (
    PayID VARCHAR2(10),
    PayAmount NUMBER(10, 2),
    PayBillNum VARCHAR2(10),
    PayType VARCHAR2(20),
    PayAccountType VARCHAR2(20),
    PayBankName VARCHAR2(50),
    PayCardholderName VARCHAR2(50),
    PayCreditCardNumber VARCHAR2(20),
    PayExpiryDate VARCHAR2(10),
    PayRemark VARCHAR2(50),
    CustID Varchar2(10),
    EmID Varchar2(10),
    BookingID Varchar2(10),
    SupplierID Varchar2(10),
    RoomID Varchar2(10),
    RestID Varchar2(10),
    StockID Varchar2(10),
    LaundryID Varchar2(10),
    BillID Varchar2(10),
    SalaryID Varchar2(10),
    MainID Varchar2(10),
    CONSTRAINT Payment_pk PRIMARY KEY (PayID),
    CONSTRAINT Payment_CustID_fk FOREIGN KEY (CustID) REFERENCES Customer
(CustID),
    CONSTRAINT Payment_EmID_fk FOREIGN KEY (EmID) REFERENCES Employee (EmID),
    CONSTRAINT Payment_BookingID_fk FOREIGN KEY (BookingID) REFERENCES
Booking(BookingID),
    CONSTRAINT Payment_SupplierID_fk FOREIGN KEY (SupplierID) REFERENCES
Supplier(SupplierID),
    CONSTRAINT Payment_RoomID_fk FOREIGN KEY (RoomID) REFERENCES Room
(RoomID),

```

```

        CONSTRAINT Payment_RestID_fk FOREIGN KEY (RestID) REFERENCES
Restaurant(RestID),
        CONSTRAINT Payment_StockID_fk FOREIGN KEY (StockID) REFERENCES
Stock(StockID),
        CONSTRAINT Payment_LaundryID_fk FOREIGN KEY (LaundryID) REFERENCES
Laundry(LaundryID),
        CONSTRAINT Payment_BillID_fk FOREIGN KEY (BillID) REFERENCES Bill(BillID),
        CONSTRAINT Payment_SalaryID_fk FOREIGN KEY (SalaryID) REFERENCES
Salary_Claim(SalaryID),
        CONSTRAINT Payment_MainID_fk FOREIGN KEY (MainID) REFERENCES
Maintenance(MainID)
    );

```

```

INSERT INTO Payment

```

```

VALUES ('PID001', 100.00, '123456789', 'Visa', 'Savings', 'ABC Bank', 'John Doe', '1234
5678 9012 3456', '12/25', 'Payment received', 'C001', 'EID001', 'B001', 'SP001', 'R001',
'RT001', 'SID001', 'L001', 'BID001', 'S001', 'MID001');

```

```

INSERT INTO Payment

```

```

VALUES ('PID002', 50.00, '987654321', '-', '-', '-', '-', '-', '-', '-', 'C002', 'EID002', 'B002',
'SP002', 'R002', 'RT002', 'SID002', 'L002', 'BID002', 'S002', 'MID002');

```

```

INSERT INTO Payment

```

```

VALUES ('PID003', 75.00, '456789123', 'Mastercard', 'Checking', '-', '-', '-', '-', '-',
'C003', 'EID003', 'B003', 'SP003', 'R003', 'RT003', 'SID003', 'L003', 'BID003', 'S003', 'MID003');

```

```

INSERT INTO Payment

```

```

VALUES ('PID004', 200.00, '789123456', 'Visa', 'Savings', '-', '-', '-', '-', '-', 'C004',
'EID004', 'B004', 'SP004', 'R004', 'RT004', 'SID004', 'L004', 'BID004', 'S004', 'MID004');

```

```

INSERT INTO Payment

```

```

VALUES ('PID005', 120.00, '234567891', '-', '-', '-', '-', '-', '-', '-', 'C005', 'EID005', 'B005',
'SP005', 'R005', 'RT005', 'SID005', 'L005', 'BID005', 'S005', 'MID005');

```

```

INSERT INTO Payment

```

```

VALUES ('PID006', 90.00, '567891234', 'Mastercard', 'Checking', '-', '-', '-', '-', '-',
'C006', 'EID006', 'B006', 'SP006', 'R006', 'RT006', 'SID006', 'L006', 'BID006', 'S006', 'MID006');

```

INSERT INTO Payment

VALUES ('PID007', 30.00, '912345678', 'Visa', 'Savings', '-', '-', '-', '-', '-', 'C007',
'EID007', 'B007', 'SP007', 'R007', 'RT007', 'SID007', 'L007', 'BID007', 'S007', 'MID007');

INSERT INTO Payment

VALUES ('PID008', 80.00, '345678912', '-', '-', '-', '-', '-', '-', '-', 'C008', 'EID008', 'B008',
'SP008', 'R008', 'RT008', 'SID008', 'L008', 'BID008', 'S008', 'MID008');

INSERT INTO Payment

VALUES ('PID009', 150.00, '678912345', 'Mastercard', 'Checking', '-', '-', '-', '-', '-',
'C009', 'EID009', 'B009', 'SP009', 'R009', 'RT009', 'SID009', 'L009', 'BID009', 'S009', 'MID009');

INSERT INTO Payment

VALUES ('PID010', 95.00, '891234567', 'Visa', 'Savings', '-', '-', '-', '-', '-', 'C010',
'EID010', 'B010', 'SP010', 'R010', 'RT010', 'SID010', 'L010', 'BID010', 'S010', 'MID010');

INSERT INTO Payment

VALUES ('PID011', 70, '543216789', 'Mastercard', 'Checking', 'JKL Bank', 'Robert
Johnson', '3456 7890 1234 5678', '05/26', 'Payment received', 'C011', 'EID011', 'B011',
'SP011', 'R011', 'RT011', 'SID011', 'L011', 'BID011', 'S011', 'MID011');

INSERT INTO Payment

VALUES ('PID012', 180, '876543219', 'Visa', 'Savings', 'ABC Bank', 'John Doe', '1234
5678 9012 3456', '12/25', 'Payment received', 'C012', 'EID012', 'B012', 'SP012', 'R012',
'RT012', 'SID012', 'L012', 'BID012', 'S012', 'MID012');

INSERT INTO Payment

VALUES ('PID013', 50, '987612345', '-', '-', '-', '-', '-', '-', '-', 'C013', 'EID013', 'B013',
'SP013', 'R013', 'RT013', 'SID013', 'L013', 'BID013', 'S013', 'MID013');

INSERT INTO Payment

VALUES ('PID014', 120, '234589167', 'Mastercard', 'Checking', '-', '-', '-', '-', 'Partial
payment', 'C014', 'EID014', 'B014', 'SP014', 'R014', 'RT014', 'SID014', 'L014', 'BID014', 'S014',
'MID014');

INSERT INTO Payment

VALUES ('PID015', 90, '561239874', 'Visa', 'Savings', '-', '-', '-', '-', '-', 'C015', 'EID015',
'B015', 'SP015', 'R015', 'RT015', 'SID015', 'L015', 'BID015', 'S015', 'MID015');

INSERT INTO Payment

VALUES ('PID016', 30, '912378645', '-', '-', '-', '-', '-', '-', '-', 'C016', 'EID016', 'B016', 'SP016', 'R016', 'RT016', 'SID016', 'L016', 'BID016', 'S016', 'MID016');

INSERT INTO Payment

VALUES ('PID017', 80, '345612397', 'Mastercard', 'Checking', '-', '-', '-', '-', 'Payment pending', 'C017', 'EID017', 'B017', 'SP017', 'R017', 'RT017', 'SID017', 'L017', 'BID017', 'S017', 'MID017');

INSERT INTO Payment

VALUES ('PID018', 150, '678934561', 'Visa', 'Savings', 'GHI Bank', 'Sarah Davis', '9012 3456 7890 1234', '08/24', 'Payment successful', 'C018', 'EID018', 'B018', 'SP018', 'R018', 'RT018', 'SID018', 'L018', 'BID018', 'S018', 'MID018');

INSERT INTO Payment

VALUES ('PID019', 95, '891245673', '-', '-', '-', '-', '-', '-', '-', 'C019', 'EID019', 'B019', 'SP019', 'R019', 'RT019', 'SID019', 'L019', 'BID019', 'S019', 'MID019');

INSERT INTO Payment

VALUES ('PID020', 200, '456719283', 'Mastercard', 'Checking', 'MNO Bank', 'Emily Anderson', '7890 1234 5678 9012', '02/28', 'Full payment', 'C020', 'EID020', 'B020', 'SP020', 'R020', 'RT020', 'SID020', 'L020', 'BID020', 'S020', 'MID020');

```

CREATE TABLE Invoice (
    InvID VARCHAR2(10),
    InvNum VARCHAR2(10),
    InvDate DATE,
    InvBankAcc VARCHAR2(20),
    InvTax NUMBER(10, 2),
    InvTotal NUMBER(10, 2),
    InvName VARCHAR2(50),
    InvIDesc VARCHAR2(50),
    InvDetailOfCharges VARCHAR2(50),
    InvSubtotal NUMBER(10, 2),
    EmID varchar2(10),
    BookingID varchar2(10),
    StockID varchar2(10),
    CustID varchar2(10),
    AddID varchar2(10),
    PayID varchar2(10),
    SupplierID varchar2(10),
    MainID varchar2(10),
    CONSTRAINT Invoice_pk PRIMARY KEY (InvID),
    CONSTRAINT Invoice_EmID_fk FOREIGN KEY (EmID) REFERENCES Employee(EmID),
    CONSTRAINT Invoice_BookingID_fk FOREIGN KEY (BookingID) REFERENCES
Booking(BookingID),
    CONSTRAINT Invoice_StockID_fk FOREIGN KEY (StockID) REFERENCES Stock(StockID),
    CONSTRAINT Invoice_CustID_fk FOREIGN KEY (CustID) REFERENCES
Customer(CustID),
    CONSTRAINT Invoice_AddID_fk FOREIGN KEY (AddID) REFERENCES Address(AddID),
    CONSTRAINT Invoice_PayID_fk FOREIGN KEY (PayID) REFERENCES Payment(PayID),
    CONSTRAINT Invoice_SupplierID_fk FOREIGN KEY (SupplierID) REFERENCES
Supplier(SupplierID),
    CONSTRAINT Invoice_MainID_fk FOREIGN KEY (MainID) REFERENCES
Maintenance(MainID));

```


INSERT INTO Invoice

VALUES ('I001', 'INV001', TO_DATE('2023-06-01', 'YYYY-MM-DD'), '1234567890',
6.00, 500.00, 'Ahmad', 'Room Booking', 'Extra Bed', 561.50, 'EID001', 'B001', 'SID001', 'C001',
, 'AID001', 'PID001', 'SP001', 'MID001');

INSERT INTO Invoice

VALUES ('I002', 'INV002', TO_DATE('2023-06-02', 'YYYY-MM-DD'), '0987654321',
6.00, 800.00, 'Jessica', 'Room Booking', 'Extra Bed', 944.00, 'EID002', 'B002', 'SID002', 'C002',
, 'AID002', 'PID002', 'SP002', 'MID002');

INSERT INTO Invoice

VALUES ('I003', 'INV003', TO_DATE('2023-06-03', 'YYYY-MM-DD'), '5678901234',
6.00, 350.00, 'Mohd', 'Room Booking', 'N/A', 384.25, 'EID003', 'B003', 'SID003', 'C003',
, 'AID003', 'PID003', 'SP003', 'MID003');

INSERT INTO Invoice

VALUES ('I004', 'INV004', TO_DATE('2023-06-04', 'YYYY-MM-DD'), '4321098765',
6.00, 1100.00, 'Olivia', 'Room Booking', 'N/A', 1241.00, 'EID004', 'B004', 'SID004', 'C004',
, 'AID004', 'PID004', 'SP004', 'MID004');

INSERT INTO Invoice

VALUES ('I005', 'INV005', TO_DATE('2023-06-05', 'YYYY-MM-DD'), '9012345678',
6.00, 600.00, 'Aishah', 'Room Booking', 'Late check-out', 678.00, 'EID005', 'B005', 'SID005',
, 'C005', 'AID005', 'PID005', 'SP005', 'MID005');

INSERT INTO Invoice

VALUES ('I006', 'INV006', TO_DATE('2023-06-06', 'YYYY-MM-DD'), '7654321098',
6.00, 700.00, 'Michael', 'Room Booking', 'N/A', 784.00, 'EID006', 'B006', 'SID006', 'C006',
, 'AID006', 'PID006', 'SP006', 'MID006');

INSERT INTO Invoice

VALUES ('I007', 'INV007', TO_DATE('2023-06-07', 'YYYY-MM-DD'), '2345678901',
6.00, 400.00, 'Nor', 'Room Booking', 'N/A', 446.00, 'EID007', 'B007', 'SID007', 'C007',
, 'AID007', 'PID007', 'SP007', 'MID007');

INSERT INTO Invoice

VALUES ('I008', 'INV008', TO_DATE('2023-06-08', 'YYYY-MM-DD'), '6789012345',
6.00, 780.00, 'Fatimah', 'Room Booking', 'N/A', 879.00, 'EID008', 'B008', 'SID008', 'C008',
, 'AID008', 'PID008', 'SP008', 'MID008');

INSERT INTO Invoice

VALUES ('I009', 'INV009', TO_DATE('2023-06-09', 'YYYY-MM-DD'), '3456789012',
6.00, 500.00, 'Amir', 'Room Booking', 'Late check-out', 561.50, 'EID009', 'B009', 'SID009',
, 'C009', 'AID009', 'PID009', 'SP009', 'MID009');

INSERT INTO Invoice

VALUES ('I010', 'INV010', TO_DATE('2023-06-10', 'YYYY-MM-DD'), '8901234567',
6.00, 900.00, 'Aisyah', 'Room Booking', 'Extra Bed', 1011.00, 'EID010', 'B010', 'SID010', 'C010',
, 'AID010', 'PID010', 'SP010', 'MID010');

INSERT INTO Invoice

VALUES ('I011', 'INV001', TO_DATE('2023-06-11', 'YYYY-MM-DD'), '1234567890',
3.00, 250.00, 'Sarah', 'Restaurant', 'Food and Drinks', 257.50, 'EID011', 'B011', 'SID011',
, 'C011', 'AID011', 'PID011', 'SP011', 'MID011');

INSERT INTO Invoice

VALUES ('I012', 'INV002', TO_DATE('2023-06-12', 'YYYY-MM-DD'), '0987654321',
3.00, 420.00, 'Muhammad', 'Restaurant', 'Food and Drinks', 432.60, 'EID012', 'B012',
, 'SID012', 'C012', 'AID012', 'PID012', 'SP012', 'MID012');

INSERT INTO Invoice

VALUES ('I013', 'INV003', TO_DATE('2023-06-13', 'YYYY-MM-DD'), '5678901234',
3.00, 180.00, 'Nurul', 'Restaurant', 'Food and Drinks', 185.40, 'EID013', 'B013', 'SID013',
, 'C013', 'AID013', 'PID013', 'SP013', 'MID013');

INSERT INTO Invoice

VALUES ('I014', 'INV004', TO_DATE('2023-06-14', 'YYYY-MM-DD'), '4321098765',
3.00, 350.00, 'William', 'Restaurant', 'Food and Drinks', 360.50, 'EID014', 'B014', 'SID014',
, 'C014', 'AID014', 'PID014', 'SP014', 'MID014');

INSERT INTO Invoice

VALUES ('I015', 'INV005', TO_DATE('2023-06-15', 'YYYY-MM-DD'), '9012345678',
3.00, 520.00, 'Emily', 'Restaurant', 'Food and Drinks', 536.60, 'EID015', 'B015', 'SID015',
, 'C015', 'AID015', 'PID015', 'SP015', 'MID015');

INSERT INTO Invoice

VALUES ('I016', 'INV006', TO_DATE('2023-06-16', 'YYYY-MM-DD'), '7654321098',
3.00, 280.00, 'Daniel', 'Restaurant', 'Food and Drinks', 289.40, 'EID016', 'B016', 'SID016',
, 'C016', 'AID016', 'PID016', 'SP016', 'MID016');

INSERT INTO Invoice

VALUES ('I017', 'INV007', TO_DATE('2023-06-17', 'YYYY-MM-DD'), '2345678901',
3.00, 400.00, 'Siti', 'Restaurant', 'Food and Drinks', 412.00, 'EID017', 'B017', 'SID017', 'C017',
, 'AID017', 'PID017', 'SP017', 'MID017');

INSERT INTO Invoice

VALUES ('I018', 'INV008', TO_DATE('2023-06-18', 'YYYY-MM-DD'), '6789012345',
3.00, 610.00, 'Ethan', 'Restaurant', 'Food and Drinks', 629.30, 'EID018', 'B018', 'SID018',
, 'C018', 'AID018', 'PID018', 'SP018', 'MID018');

INSERT INTO Invoice

VALUES ('I019', 'INV009', TO_DATE('2023-06-19', 'YYYY-MM-DD'), '3456789012',
3.00, 470.00, 'Mia', 'Restaurant', 'Food and Drinks', 484.10, 'EID019', 'B019', 'SID019', 'C019',
, 'AID010', 'PID010', 'SP010', 'MID010');

INSERT INTO Invoice

VALUES ('I020', 'INV010', TO_DATE('2023-06-20', 'YYYY-MM-DD'), '8901234567',
3.00, 550.00, 'Benjamin', 'Restaurant', 'Food and Drinks', 566.50, 'EID020', 'B020', 'SID020',
, 'C020', 'AID020', 'PID020', 'SP020', 'MID020');

```

CREATE TABLE Room_Payment (
    RoomPID VARCHAR2(10),
    RoomPNum NUMBER(10,2),
    RoomPPrice NUMBER(8,2),
    RoomPAmountDue NUMBER(8,2),
    RoomPDeposit NUMBER(8,2),
    RoomPCheckIn DATE,
    RoomPCheckOut DATE,
    RoomPAddCharges NUMBER(8,2),
    RoomPRemarks VARCHAR2(100),
    RoomPRefund NUMBER(8,2),
    RoomID varchar2(10),
    InvID varchar2(10),
    CONSTRAINT Room_Payment_pk PRIMARY KEY (RoomPID),
    CONSTRAINT Room_Payment_RoomID_fk FOREIGN KEY (RoomID) REFERENCES
Room (RoomID),
    CONSTRAINT Room_Payment_InvID_fk FOREIGN KEY (InvID) REFERENCES Invoice
(InvID)
);

```

```

INSERT INTO Room_Payment
VALUES ('RD001', 101, 150.00, 600.00, 50.00, TO_DATE('06/01/2023',
'MM/DD/YYYY'), TO_DATE('06/05/2023', 'MM/DD/YYYY'), 25.00, 'None', 0.00,'R001','I001');
INSERT INTO Room_Payment
VALUES ('RD002', 202, 200.00, 1000.00, 100.00, TO_DATE('06/02/2023',
'MM/DD/YYYY'), TO_DATE('06/07/2023', 'MM/DD/YYYY'), 50.00, 'Late check-in',
0.00,'R002','I002');
INSERT INTO Room_Payment
VALUES ('RD003', 303, 180.00, 900.00, 70.00, TO_DATE('06/03/2023',
'MM/DD/YYYY'), TO_DATE('06/08/2023', 'MM/DD/YYYY'), 30.00, 'None', 0.00,'R003', 'I003');

```

INSERT INTO Room_Payment

VALUES ('RD004', 404, 220.00, 2200.00, 200.00, TO_DATE('06/04/2023',
'MM/DD/YYYY'), TO_DATE('06/09/2023', 'MM/DD/YYYY'), 50.00, 'Extra towels',
0.00,'R004','I004');

INSERT INTO Room_Payment

VALUES ('RD005', 505, 190.00, 950.00, 100.00, TO_DATE('06/05/2023',
'MM/DD/YYYY'), TO_DATE('06/10/2023', 'MM/DD/YYYY'), 70.00, 'None', 0.00,'R005','I005');

INSERT INTO Room_Payment

VALUES ('RD006', 606, 175.00, 875.00, 100.00, TO_DATE('06/06/2023',
'MM/DD/YYYY'), TO_DATE('06/11/2023', 'MM/DD/YYYY'), 50.00, 'None', 0.00,'R006','I006');

INSERT INTO Room_Payment

VALUES ('RD007', 707, 205.00, 615.00, 75.00, TO_DATE('06/07/2023',
'MM/DD/YYYY'), TO_DATE('06/12/2023', 'MM/DD/YYYY'), 15.00, 'None', 0.00,'R007','I007');

INSERT INTO Room_Payment

VALUES ('RD008', 808, 195.00, 975.00, 150.00, TO_DATE('06/08/2023',
'MM/DD/YYYY'), TO_DATE('06/13/2023', 'MM/DD/YYYY'), 30.00, 'None', 0.00,'R008','I008');

INSERT INTO Room_Payment

VALUES ('RD009', 909, 225.00, 1125.00, 100.00, TO_DATE('06/09/2023',
'MM/DD/YYYY'), TO_DATE('06/14/2023', 'MM/DD/YYYY'), 50.00, 'None', 0.00,'R009','I009');

INSERT INTO Room_Payment

VALUES ('RD010', 1010, 210.00, 1050.00, 300.00, TO_DATE('06/10/2023',
'MM/DD/YYYY'), TO_DATE('06/15/2023', 'MM/DD/YYYY'), 90.00, 'None', 0.00,'R010','I010');

INSERT INTO Room_Payment

VALUES ('RD011', '1111', 230.00, 1150.00, 120.00, TO_DATE('06/11/2023',
'MM/DD/YYYY'), TO_DATE('06/16/2023', 'MM/DD/YYYY'), 25.00, 'None', 0.00, 'R011', 'I011');

INSERT INTO Room_Payment

VALUES ('RD012', '1212', 240.00, 1200.00, 90.00, TO_DATE('06/12/2023',
'MM/DD/YYYY'), TO_DATE('06/17/2023', 'MM/DD/YYYY'), 20.00, 'Early check-in', 0.00,
'R012', 'I012');

INSERT INTO Room_Payment

VALUES ('RD013', '1313', 260.00, 1300.00, 80.00, TO_DATE('06/13/2023',
'MM/DD/YYYY'), TO_DATE('06/18/2023', 'MM/DD/YYYY'), 30.00, 'None', 0.00, 'R013', 'I013');

```

INSERT INTO Room_Payment
VALUES ('RD014', '1414', 180.00, 900.00, 50.00, TO_DATE('06/14/2023',
'MM/DD/YYYY'), TO_DATE('06/19/2023', 'MM/DD/YYYY'), 40.00, 'Extra amenities', 0.00,
'R014', 'I014');
INSERT INTO Room_Payment
VALUES ('RD015', '1515', 200.00, 1000.00, 70.00, TO_DATE('06/15/2023',
'MM/DD/YYYY'), TO_DATE('06/20/2023', 'MM/DD/YYYY'), 25.00, 'None', 0.00, 'R015', 'I015');
INSERT INTO Room_Payment
VALUES ('RD016', '1616', 220.00, 1100.00, 110.00, TO_DATE('06/16/2023',
'MM/DD/YYYY'), TO_DATE('06/21/2023', 'MM/DD/YYYY'), 30.00, 'None', 0.00, 'R016', 'I016');
INSERT INTO Room_Payment
VALUES ('RD017', '1717', 190.00, 950.00, 90.00, TO_DATE('06/17/2023',
'MM/DD/YYYY'), TO_DATE('06/22/2023', 'MM/DD/YYYY'), 10.00, 'None', 0.00, 'R017', 'I017');
INSERT INTO Room_Payment
VALUES ('RD018', '1818', 210.00, 1050.00, 120.00, TO_DATE('06/18/2023',
'MM/DD/YYYY'), TO_DATE('06/23/2023', 'MM/DD/YYYY'), 25.00, 'Early check-in', 0.00,
'R018', 'I018');
INSERT INTO Room_Payment
VALUES ('RD019', '1919', 230.00, 1150.00, 70.00, TO_DATE('06/19/2023',
'MM/DD/YYYY'), TO_DATE('06/24/2023', 'MM/DD/YYYY'), 15.00, 'None', 0.00, 'R019', 'I019');
INSERT INTO Room_Payment
VALUES ('RD020', '2020', 250.00, 1250.00, 140.00, TO_DATE('06/20/2023',
'MM/DD/YYYY'), TO_DATE('06/25/2023', 'MM/DD/YYYY'), 20.00, 'Late check-out', 0.00,
'R020', 'I020');

```

```

CREATE TABLE Restaurant_Payment (
    RestPID VARCHAR2(10),
    RestPTableNum NUMBER(2),
    RestPWaiterName VARCHAR2(50),
    RestPMembership VARCHAR2(10),
    RestPVoucher VARCHAR2(20),
    RestPFeatures VARCHAR2(50),
    RestPModifyPrice VARCHAR2(10),
    RestPDiningOption VARCHAR2(20),
    RestPDiscount VARCHAR2(10),
    RestPCustFeedback VARCHAR2(100),
    RestID Varchar2(10),
    InvID Varchar2(10),
    CONSTRAINT Restaurant_Payment_pk PRIMARY KEY (RestPID),
    CONSTRAINT Restaurant_Payment_RestID_fk FOREIGN KEY (RestID) REFERENCES
Restaurant (RestID),
    CONSTRAINT Restaurant_Payment_InvID_fk FOREIGN KEY (InvID) REFERENCES
Invoice(InvID)
);

```

```

INSERT INTO Restaurant_Payment
VALUES ('RP001', 5, 'John', 'Gold', 'VOUCHER25', 'Outdoor seating', 'No', 'Takeout',
'15%', 'Excellent service great food!', 'RT001', 'I001');
INSERT INTO Restaurant_Payment
VALUES ('RP002', 8, 'Sarah', 'Silver', 'N/A', 'Live music', 'Yes', 'Dine-in', 'None',
'Average experience food was okay.', 'RT002', 'I002');
INSERT INTO Restaurant_Payment
VALUES ('RP003', 3, 'David', 'Bronze', 'VOUCHER10', 'Wi-Fi available', 'No', 'Dine-in',
'10%', 'Food was delicious, but service was slow.', 'RT003', 'I003');
INSERT INTO Restaurant_Payment
VALUES ('RP004', 10, 'Lisa', 'None', 'N/A', 'Outdoor seating', 'Yes', 'Takeout', 'None',
'Good food, reasonable prices.', 'RT004', 'I004');

```

```
INSERT INTO Restaurant_Payment
VALUES ('RP005', 6, 'Mark', 'Gold', 'VOUCHER15', 'Wheelchair accessible', 'No', 'Dine-in', '20%', 'Amazing experience, highly recommended!', 'RT005', 'I005');
```

```
INSERT INTO Restaurant_Payment
VALUES ('RP006', 2, 'Emily', 'Silver', 'N/A', 'Takeout available', 'Yes', 'Takeout', 'None', 'Quick service, but food was cold.', 'RT006', 'I006');
```

```
INSERT INTO Restaurant_Payment
VALUES ('RP007', 4, 'Alex', 'Gold', 'VOUCHER20', 'Outdoor seating', 'No', 'Dine-in', '10%', 'Friendly staff, cozy atmosphere.', 'RT007', 'I007');
```

```
INSERT INTO Restaurant_Payment
VALUES ('RP008', 9, 'Jessica', 'None', 'N/A', 'Live music', 'Yes', 'Takeout', 'None', 'Average food quality, overpriced.', 'RT008', 'I008');
```

```
INSERT INTO Restaurant_Payment
VALUES ('RP009', 7, 'Michael', 'Bronze', 'VOUCHER10', 'Wi-Fi available', 'No', 'Dine-in', '5%', 'Great variety on the menu ,attentive service.', 'RT009', 'I009');
```

```
INSERT INTO Restaurant_Payment
VALUES ('RP010', 1, 'Amira', 'None', 'N/A', 'Wi-Fi available', 'No', 'Dine-in', 'None', 'Pretty Average.', 'RT010', 'I010');
```

```
CREATE TABLE Inv_Stock (
    InvID varchar2 (10),
    StockID varchar2 (10),
    CONSTRAINT InvID_Inv_Stock_fk FOREIGN KEY (InvID) REFERENCES Invoice(InvID),
    CONSTRAINT StockID_Inv_Stock_fk FOREIGN KEY (StockID) REFERENCES
    Stock(StockID)
);
```

```
INSERT INTO Inv_Stock
VALUES ('I001', 'SID001');
```

```
INSERT INTO Inv_Stock
VALUES ('I002', 'SID002');
```



```
INSERT INTO Inv_Stock
    VALUES ('I003', 'SID003');
INSERT INTO Inv_Stock
    VALUES ('I004', 'SID004');
INSERT INTO Inv_Stock
    VALUES ('I005', 'SID005');
INSERT INTO Inv_Stock
    VALUES ('I006', 'SID006');
INSERT INTO Inv_Stock
    VALUES ('I007', 'SID007');
INSERT INTO Inv_Stock
    VALUES ('I008', 'SID008');
INSERT INTO Inv_Stock
    VALUES ('I009', 'SID009');
INSERT INTO Inv_Stock
    VALUES ('I010', 'SID010');
INSERT INTO Inv_Stock
    VALUES ('I011', 'SID011');
INSERT INTO Inv_Stock
    VALUES ('I012', 'SID012');
INSERT INTO Inv_Stock
    VALUES ('I013', 'SID013');
INSERT INTO Inv_Stock
    VALUES ('I014', 'SID014');
INSERT INTO Inv_Stock
    VALUES ('I015', 'SID015');
INSERT INTO Inv_Stock
    VALUES ('I016', 'SID016');
INSERT INTO Inv_Stock
    VALUES ('I017', 'SID017');
INSERT INTO Inv_Stock
    VALUES ('I018', 'SID018');
```

```
INSERT INTO Inv_Stock  
VALUES ('I019', 'SID019');
```

```
INSERT INTO Inv_Stock  
VALUES ('I020', 'SID020');
```

```
CREATE TABLE Inv_Main (  
    InvID varchar2 (10),  
    MainID varchar2 (10),  
    CONSTRAINT InvID_Inv_Main_fk FOREIGN KEY (InvID) REFERENCES Invoice(InvID),  
    CONSTRAINT Main_Inv_Main_fk FOREIGN KEY (MainID) REFERENCES  
Maintenance(MainID)  
);
```

```
INSERT INTO Inv_Main  
VALUES ('I001', 'MID001');
```

```
INSERT INTO Inv_Main  
VALUES ('I002', 'MID002');
```

```
INSERT INTO Inv_Main  
VALUES ('I003', 'MID003');
```

```
INSERT INTO Inv_Main  
VALUES ('I004', 'MID004');
```

```
INSERT INTO Inv_Main  
VALUES ('I005', 'MID005');
```

```
INSERT INTO Inv_Main  
VALUES ('I006', 'MID006');
```

```
INSERT INTO Inv_Main  
VALUES ('I007', 'MID007');
```

```
INSERT INTO Inv_Main  
VALUES ('I008', 'MID008');
```

```
INSERT INTO Inv_Main  
VALUES ('I009', 'MID009');
```

```
INSERT INTO Inv_Main  
VALUES ('I010', 'MID010');
```

```
INSERT INTO Inv_Main  
VALUES ('I011', 'MID011');
```

```
INSERT INTO Inv_Main  
VALUES ('I012', 'MID012');
```

```
INSERT INTO Inv_Main  
VALUES ('I013', 'MID013');
```

```
INSERT INTO Inv_Main  
VALUES ('I014', 'MID014');
```

```
INSERT INTO Inv_Main  
VALUES ('I015', 'MID015');
```

```
INSERT INTO Inv_Main  
VALUES ('I016', 'MID016');
```

```
INSERT INTO Inv_Main  
VALUES ('I017', 'MID017');
```

```
INSERT INTO Inv_Main  
VALUES ('I018', 'MID018');
```

```
INSERT INTO Inv_Main  
VALUES('I019', 'MID019');
```

```
INSERT INTO Inv_Main  
VALUES ('I020', 'MID020');
```

```
CREATE TABLE Inv_Em (  
    InvID varchar2 (10),  
    EmID varchar2 (10),  
    CONSTRAINT InvID_Inv_Em_fk FOREIGN KEY (InvID) REFERENCES Invoice(InvID),  
    CONSTRAINT Em_Inv_Em_fk FOREIGN KEY (EmID) REFERENCES Employee(EmID)  
);
```

```
INSERT INTO Inv_Em  
    VALUES ('I001', 'EID001');
```

```
INSERT INTO Inv_Em  
    VALUES ('I002', 'EID002');
```

```
INSERT INTO Inv_Em  
    VALUES ('I003', 'EID003');
```

```
INSERT INTO Inv_Em  
    VALUES ('I004', 'EID004');
```

```
INSERT INTO Inv_Em  
    VALUES ('I005', 'EID005');
```

```
INSERT INTO Inv_Em  
    VALUES ('I006', 'EID006');
```

```
INSERT INTO Inv_Em  
    VALUES ('I007', 'EID007');
```

```
INSERT INTO Inv_Em  
    VALUES ('I008', 'EID008');
```

```
INSERT INTO Inv_Em  
    VALUES ('I009', 'EID009');
```

```
INSERT INTO Inv_Em  
    VALUES ('I010', 'EID010');
```

```
INSERT INTO Inv_Em  
    VALUES ('I011', 'EID011');
```

```
INSERT INTO Inv_Em  
    VALUES ('I012', 'EID012');
```

```
INSERT INTO Inv_Em  
VALUES ('I013', 'EID013');
```

```
INSERT INTO Inv_Em  
VALUES ('I014', 'EID014');
```

```
INSERT INTO Inv_Em  
VALUES ('I015', 'EID015');
```

```
INSERT INTO Inv_Em  
VALUES ('I016', 'EID016');
```

```
INSERT INTO Inv_Em  
VALUES ('I017', 'EID017');
```

```
INSERT INTO Inv_Em  
VALUES ('I018', 'EID018');
```

```
INSERT INTO Inv_Em  
VALUES ('I019', 'EID019');
```

```
INSERT INTO Inv_Em  
VALUES ('I020', 'EID020');
```

```
CREATE TABLE Cust_Laundry (  
    CustID varchar2 (10),  
    LaundryID varchar2 (10),  
    CONSTRAINT CustID_fk FOREIGN KEY (CustID) REFERENCES Customer(CustID),  
    CONSTRAINT LaundryID_fk FOREIGN KEY (LaundryID) REFERENCES  
Laundry(LaundryID)  
);
```

```
INSERT INTO Cust_Laundry  
VALUES ('C001', 'L001');
```

```
INSERT INTO Cust_Laundry  
VALUES ('C002', 'L002');
```

```
INSERT INTO Cust_Laundry  
VALUES ('C003', 'L003');
```

```
INSERT INTO Cust_Laundry
VALUES ('C004', 'L004');
```

```
INSERT INTO Cust_Laundry
VALUES ('C005', 'L005');
```

```
INSERT INTO Cust_Laundry
VALUES ('C006', 'L006');
```

```
INSERT INTO Cust_Laundry
VALUES ('C007', 'L007');
```

```
INSERT INTO Cust_Laundry
VALUES ('C008', 'L008');
```

```
INSERT INTO Cust_Laundry
VALUES ('C009', 'L009');
```

```
INSERT INTO Cust_Laundry
VALUES ('C010', 'L010');
```

```
CREATE TABLE Em_Laundry (
    EmID varchar2 (10),
    LaundryID varchar2 (10),
    CONSTRAINT EmID_Em_Laundry_fk FOREIGN KEY (EmID) REFERENCES
Employee(EmID),
    CONSTRAINT LaundryID_Em_Laundry_fk FOREIGN KEY (LaundryID) REFERENCES
Laundry(LaundryID)
);
```

```
INSERT INTO Em_Laundry
VALUES ('EID001', 'L001');
```

```
INSERT INTO Em_Laundry
VALUES ('EID002', 'L002');
```

```
INSERT INTO Em_Laundry
VALUES ('EID003', 'L003');
```

```
INSERT INTO Em_Laundry
VALUES ('EID004', 'L004');
```

```
INSERT INTO Em_Laundry
VALUES ('EID005', 'L005');
```

```
INSERT INTO Em_Laundry
VALUES ('EID006', 'L006');
```

```
INSERT INTO Em_Laundry
VALUES ('EID007', 'L007');
```

```
INSERT INTO Em_Laundry
VALUES ('EID008', 'L008');
```

```
INSERT INTO Em_Laundry
VALUES ('EID009', 'L009');
```

```
INSERT INTO Em_Laundry
VALUES ('EID010', 'L010');
```

```
CREATE TABLE Job_Emp (
    JobID varchar2 (10),
    EmID varchar2 (10),
    CONSTRAINT JobID_Job_Emp_fk FOREIGN KEY (JobID) REFERENCES
Job_Application(JobID),
    CONSTRAINT EmID_Job_Emp_fk FOREIGN KEY (EmID) REFERENCES Employee(EmID)
);
```

```
INSERT INTO Job_Emp
VALUES ('J001', 'EID001');
```

```
INSERT INTO Job_Emp
VALUES ('J002', 'EID002');
```

```
INSERT INTO Job_Emp
VALUES ('J003', 'EID003');
```

```
INSERT INTO Job_Emp
VALUES ('J004', 'EID004');
```

```
INSERT INTO Job_Emp
VALUES ('J005', 'EID005');
```

```
INSERT INTO Job_Emp
VALUES ('J006', 'EID006');
```

```
INSERT INTO Job_Emp
VALUES ('J007', 'EID007');
```

```
INSERT INTO Job_Emp
VALUES ('J008', 'EID008');
```

```
INSERT INTO Job_Emp
VALUES ('J009', 'EID009');
```

```
INSERT INTO Job_Emp
VALUES ('J010', 'EID010');
```

```
CREATE TABLE Booking_Em (
    BookingID varchar2 (10),
    EmID varchar2 (10),
    CONSTRAINT BookingID_Booking_Em_fk FOREIGN KEY (BookingID) REFERENCES
Booking(BookingID),
    CONSTRAINT EmID_Booking_Em_fk FOREIGN KEY (EmID) REFERENCES
Employee(EmID)
);
```

```
INSERT INTO Booking_Em
VALUES ('B001', 'EID001');
```

```
INSERT INTO Booking_Em
VALUES ('B002', 'EID002');
```

```
INSERT INTO Booking_Em
VALUES ('B003', 'EID003');
```

```
INSERT INTO Booking_Em
VALUES ('B004', 'EID004');
```



```
INSERT INTO Booking_Em  
VALUES ('B005', 'EID005');
```

```
INSERT INTO Booking_Em  
VALUES ('B006', 'EID006');
```

```
INSERT INTO Booking_Em  
VALUES ('B007', 'EID007');
```

```
INSERT INTO Booking_Em  
VALUES ('B008', 'EID008');
```

```
INSERT INTO Booking_Em  
VALUES ('B009', 'EID009');
```

```
INSERT INTO Booking_Em  
VALUES ('B010', 'EID010');
```

```
CREATE TABLE Room_Em (  
    RoomID varchar2 (10),  
    EmID varchar2 (10),  
    CONSTRAINT RoomID_Room_Em_fk FOREIGN KEY (RoomID) REFERENCES  
Room(RoomID),  
    CONSTRAINT EmID_Room_Em_fk FOREIGN KEY (EmID) REFERENCES Employee(EmID)  
);
```

```
INSERT INTO Room_Em  
VALUES ('R001', 'EID001');
```

```
INSERT INTO Room_Em  
VALUES ('R002', 'EID002');
```

```
INSERT INTO Room_Em  
VALUES ('R003', 'EID003');
```

```
INSERT INTO Room_Em  
VALUES ('R004', 'EID004');
```

```
INSERT INTO Room_Em  
VALUES ('R005', 'EID005');
```

```
INSERT INTO Room_Em  
VALUES ('R006', 'EID006');
```

```
INSERT INTO Room_Em  
VALUES ('R007', 'EID007');
```

```
INSERT INTO Room_Em  
VALUES ('R008', 'EID008');
```

```
INSERT INTO Room_Em  
VALUES ('R009', 'EID009');
```

```
INSERT INTO Room_Em  
VALUES ('R010', 'EID010');
```

```
CREATE TABLE Em_Add (  
    EmID varchar2 (10),  
    AddID varchar2 (10),  
    CONSTRAINT EmID_Em_Add_fk FOREIGN KEY (EmID) REFERENCES Employee(EmID),  
    CONSTRAINT AddID_Em_Add_fk FOREIGN KEY (AddID) REFERENCES Address(AddID)  
);
```

```
INSERT INTO Em_Add  
VALUES ('EID001', 'AID001');
```

```
INSERT INTO Em_Add  
VALUES ('EID002', 'AID002');
```

```
INSERT INTO Em_Add  
VALUES ('EID003', 'AID003');
```

```
INSERT INTO Em_Add  
VALUES ('EID004', 'AID004');
```

```
INSERT INTO Em_Add  
VALUES ('EID005', 'AID005');
```

```
INSERT INTO Em_Add  
VALUES ('EID006', 'AID006');
```

```
INSERT INTO Em_Add
VALUES ('EID007', 'AID007');
```

```
INSERT INTO Em_Add
VALUES ('EID008', 'AID008');
```

```
INSERT INTO Em_Add
VALUES ('EID009', 'AID009');
```

```
INSERT INTO Em_Add
VALUES ('EID010', 'AID010');
```

```
CREATE TABLE Em_Main (
    EmID varchar2 (10),
    MainID varchar2 (10),
    CONSTRAINT EmID_Em_Main_fk FOREIGN KEY (EmID) REFERENCES Employee(EmID),
    CONSTRAINT MainID_Em_Main_fk FOREIGN KEY (MainID) REFERENCES
Maintenance(MainID)
);
```

```
INSERT INTO Em_Main
VALUES ('EID001', 'MID001');
```

```
INSERT INTO Em_Main
VALUES ('EID002', 'MID002');
```

```
INSERT INTO Em_Main
VALUES ('EID003', 'MID003');
```

```
INSERT INTO Em_Main
VALUES ('EID004', 'MID004');
```

```
INSERT INTO Em_Main
VALUES ('EID005', 'MID005');
```

```
INSERT INTO Em_Main
VALUES ('EID006', 'MID006');
```

```
INSERT INTO Em_Main
VALUES ('EID007', 'MID007');
```

```
INSERT INTO Em_Main
VALUES ('EID008', 'MID008');
INSERT INTO Em_Main
VALUES ('EID009', 'MID009');
INSERT INTO Em_Main
VALUES ('EID010', 'MID010');
```

```
CREATE TABLE Em_Supplier (
    EmID varchar2 (10),
    SupplierID varchar2 (10),
    CONSTRAINT EmID_Em_Supplier_fk FOREIGN KEY (EmID) REFERENCES
Employee(EmID),
    CONSTRAINT SupplierID_Em_Supplier_fk FOREIGN KEY (SupplierID) REFERENCES
Supplier(SupplierID)
);
```

```
INSERT INTO Em_Supplier
VALUES ('EID001', 'SP001');
INSERT INTO Em_Supplier
VALUES ('EID002', 'SP002');
INSERT INTO Em_Supplier
VALUES ('EID003', 'SP003');
INSERT INTO Em_Supplier
VALUES ('EID004', 'SP004');
INSERT INTO Em_Supplier
VALUES ('EID005', 'SP005');
INSERT INTO Em_Supplier
VALUES ('EID006', 'SP006');
INSERT INTO Em_Supplier
VALUES ('EID007', 'SP007');
```

```
INSERT INTO Em_Supplier
VALUES ('EID008', 'SP008');
INSERT INTO Em_Supplier
VALUES ('EID009', 'SP009');
INSERT INTO Em_Supplier
VALUES ('EID010', 'SP010');
```

```
CREATE TABLE Em_Bill (
    EmD varchar2 (10),
    BillID varchar2 (10),
    CONSTRAINT EmID_Em_Bill_fk FOREIGN KEY (EmD) REFERENCES Employee(EmID),
    CONSTRAINT Bill_Em_Bill_fk FOREIGN KEY (BillID) REFERENCES Bill(BillID)
);
```

```
INSERT INTO Em_Bill
VALUES ('EID001', 'BID001');
INSERT INTO Em_Bill
VALUES ('EID002', 'BID002');
INSERT INTO Em_Bill
VALUES ('EID003', 'BID003');
INSERT INTO Em_Bill
VALUES ('EID004', 'BID004');
INSERT INTO Em_Bill
VALUES ('EID005', 'BID005');
INSERT INTO Em_Bill
VALUES ('EID006', 'BID006');
INSERT INTO Em_Bill
VALUES ('EID007', 'BID007');
INSERT INTO Em_Bill
VALUES ('EID008', 'BID008');
```

```
INSERT INTO Em_Bill
VALUES ('EID009', 'BID009');
```

```
INSERT INTO Em_Bill
VALUES ('EID010', 'BID010');
```

```
CREATE TABLE Em_Item (
    EmID varchar2 (10),
    ItemID varchar2 (10),
    CONSTRAINT EmID_Em_Item_fk FOREIGN KEY (EmID) REFERENCES Employee(EmID),
    CONSTRAINT ItemID_Em_Item_fk FOREIGN KEY (ItemID) REFERENCES Item(ItemID)
);
```

```
INSERT INTO Em_Item
VALUES ('EID001', 'IT001');
```

```
INSERT INTO Em_Item
VALUES ('EID002', 'IT002');
```

```
INSERT INTO Em_Item
VALUES ('EID003', 'IT003');
```

```
INSERT INTO Em_Item
VALUES ('EID004', 'IT004');
```

```
INSERT INTO Em_Item
VALUES ('EID005', 'IT005');
```

```
INSERT INTO Em_Item
VALUES ('EID006', 'IT006');
```

```
INSERT INTO Em_Item
VALUES ('EID007', 'IT007');
```

```
INSERT INTO Em_Item
VALUES ('EID008', 'IT008');
```

```
INSERT INTO Em_Item
VALUES ('EID009', 'IT009');
```

```
INSERT INTO Em_Item
VALUES ('EID010', 'IT010');
```

```
CREATE TABLE Stock_Em (  
    StockID varchar2 (10),  
    EmID varchar2 (10),  
    CONSTRAINT StockID_Stock_Em_fk FOREIGN KEY (StockID) REFERENCES  
Stock(StockID),  
    CONSTRAINT EmID_Stock_Em_fk FOREIGN KEY (EmID) REFERENCES Employee(EmID)  
);
```

```
INSERT INTO Stock_Em  
VALUES ('SID001', 'EID001');
```

```
INSERT INTO Stock_Em  
VALUES ('SID002', 'EID002');
```

```
INSERT INTO Stock_Em  
VALUES ('SID003', 'EID003');
```

```
INSERT INTO Stock_Em  
VALUES ('SID004', 'EID004');
```

```
INSERT INTO Stock_Em  
VALUES ('SID005', 'EID005');
```

```
INSERT INTO Stock_Em  
VALUES ('SID006', 'EID006');
```

```
INSERT INTO Stock_Em  
VALUES ('SID007', 'EID007');
```

```
INSERT INTO Stock_Em  
VALUES ('SID008', 'EID008');
```

```
INSERT INTO Stock_Em  
VALUES ('SID009', 'EID009');
```

```
INSERT INTO Stock_Em  
VALUES ('SID010', 'EID010');
```

```
CREATE TABLE Stock_Supplier (  
    StockID varchar2 (10),  
    SupplierID varchar2 (10),  
    CONSTRAINT StockID_Stock_Supplier_fk FOREIGN KEY (StockID) REFERENCES  
Stock(StockID),  
    CONSTRAINT SupplierID_Stock_Supplier_fk FOREIGN KEY (SupplierID) REFERENCES  
Supplier(SupplierID)  
);
```

```
INSERT INTO Stock_Supplier  
VALUES ('SID001', 'SP001');
```

```
INSERT INTO Stock_Supplier  
VALUES ('SID002', 'SP002');
```

```
INSERT INTO Stock_Supplier  
VALUES ('SID003', 'SP003');
```

```
INSERT INTO Stock_Supplier  
VALUES ('SID004', 'SP004');
```

```
INSERT INTO Stock_Supplier  
VALUES ('SID005', 'SP005');
```

```
INSERT INTO Stock_Supplier  
VALUES ('SID006', 'SP006');
```

```
INSERT INTO Stock_Supplier  
VALUES ('SID007', 'SP007');
```

```
INSERT INTO Stock_Supplier  
VALUES ('SID008', 'SP008');
```

```
INSERT INTO Stock_Supplier  
VALUES ('SID009', 'SP009');
```

```
INSERT INTO Stock_Supplier  
VALUES ('SID010', 'SP010');
```



```
CREATE TABLE Item_Main (  
    ItemID varchar2 (10),  
    MainID varchar2 (10),  
    CONSTRAINT ItemID_Item_Main_fk FOREIGN KEY (ItemID) REFERENCES  
Item(ItemID),  
    CONSTRAINT MainID_Item_Main_fk FOREIGN KEY (MainID) REFERENCES  
Maintenance(MainID)  
);
```

```
INSERT INTO Item_Main  
    VALUES ('IT001', 'MID001');  
INSERT INTO Item_Main  
    VALUES ('IT002', 'MID002');  
INSERT INTO Item_Main  
    VALUES ('IT003', 'MID003');  
INSERT INTO Item_Main  
    VALUES ('IT004', 'MID004');  
INSERT INTO Item_Main  
    VALUES ('IT005', 'MID005');  
INSERT INTO Item_Main  
    VALUES ('IT006', 'MID006');  
INSERT INTO Item_Main  
    VALUES ('IT007', 'MID007');  
INSERT INTO Item_Main  
    VALUES ('IT008', 'MID008');  
INSERT INTO Item_Main  
    VALUES ('IT009', 'MID009');  
INSERT INTO Item_Main  
    VALUES ('IT010', 'MID010');
```

```
CREATE TABLE Room_Booking (  
    RoomID varchar2 (10),  
    BookingID varchar2 (10),  
    CONSTRAINT RoomID_Room_Booking_fk FOREIGN KEY (RoomID) REFERENCES  
Room(RoomID),  
    CONSTRAINT BookingID_Room_Booking_fk FOREIGN KEY (BookingID) REFERENCES  
Booking(BookingID)  
);
```

```
INSERT INTO Room_Booking  
VALUES ('R001', 'B001');
```

```
INSERT INTO Room_Booking  
VALUES ('R002', 'B002');
```

```
INSERT INTO Room_Booking  
VALUES ('R003', 'B003');
```

```
INSERT INTO Room_Booking  
VALUES ('R004', 'B004');
```

```
INSERT INTO Room_Booking  
VALUES ('R005', 'B005');
```

```
INSERT INTO Room_Booking  
VALUES ('R006', 'B006');
```

```
INSERT INTO Room_Booking  
VALUES ('R007', 'B007');
```

```
INSERT INTO Room_Booking  
VALUES ('R008', 'B008');
```

```
INSERT INTO Room_Booking  
VALUES ('R009', 'B009');
```

```
INSERT INTO Room_Booking  
VALUES ('R010', 'B010');
```

```
CREATE TABLE Room_Cust (  
    RoomID varchar2 (10),  
    CustID varchar2 (10),  
    CONSTRAINT RoomID_Room_Cust_fk FOREIGN KEY (RoomID) REFERENCES  
Room(RoomID),  
    CONSTRAINT CustID_Room_Cust_fk FOREIGN KEY (CustID) REFERENCES  
Customer(CustID)  
);
```

```
INSERT INTO Room_Cust  
VALUES ('R001', 'C001');
```

```
INSERT INTO Room_Cust  
VALUES ('R002', 'C002');
```

```
INSERT INTO Room_Cust  
VALUES ('R003', 'C003');
```

```
INSERT INTO Room_Cust  
VALUES ('R004', 'C004');
```

```
INSERT INTO Room_Cust  
VALUES ('R005', 'C005');
```

```
INSERT INTO Room_Cust  
VALUES ('R006', 'C006');
```

```
INSERT INTO Room_Cust  
VALUES ('R007', 'C007');
```

```
INSERT INTO Room_Cust  
VALUES ('R008', 'C008');
```

```
INSERT INTO Room_Cust  
VALUES ('R009', 'C009');
```

```
INSERT INTO Room_Cust  
VALUES ('R010', 'C010');
```

```
CREATE TABLE Room_pay (  
    RoomID VARCHAR2(10),  
    PayID VARCHAR2(10),  
    CONSTRAINT RoomID_Room_pay_fk FOREIGN KEY (RoomID) REFERENCES  
Room(RoomID),  
    CONSTRAINT PayID_Room_pay_fk FOREIGN KEY (PayID) REFERENCES  
Payment(PayID)  
);
```

```
INSERT INTO Room_pay  
VALUES ('R001', 'PID001');
```

```
INSERT INTO Room_pay  
VALUES ('R002', 'PID002');
```

```
INSERT INTO Room_pay  
VALUES ('R003', 'PID003');
```

```
INSERT INTO Room_pay  
VALUES ('R004', 'PID004');
```

```
INSERT INTO Room_pay  
VALUES ('R005', 'PID005');
```

```
INSERT INTO Room_pay  
VALUES ('R006', 'PID006');
```

```
INSERT INTO Room_pay  
VALUES ('R007', 'PID007');
```

```
INSERT INTO Room_pay  
VALUES ('R008', 'PID008');
```

```
INSERT INTO Room_pay  
VALUES ('R009', 'PID009');
```

```
INSERT INTO Room_pay  
VALUES ('R010', 'PID010');
```

```
INSERT INTO Room_pay  
VALUES ('R011', 'PID011');
```

```
INSERT INTO Room_pay  
VALUES ('R012', 'PID012');
```

```
INSERT INTO Room_pay  
VALUES ('R013', 'PID013');
```

```
INSERT INTO Room_pay  
VALUES ('R014', 'PID014');
```

```
INSERT INTO Room_pay  
VALUES ('R015', 'PID015');
```

```
INSERT INTO Room_pay  
VALUES ('R016', 'PID016');
```

```
INSERT INTO Room_pay  
VALUES ('R017', 'PID017');
```

```
INSERT INTO Room_pay  
VALUES ('R018', 'PID018');
```

```
INSERT INTO Room_pay  
VALUES ('R019', 'PID019');
```

```
INSERT INTO Room_pay  
VALUES ('R020', 'PID020');
```

```
CREATE TABLE Bill_Pay (  
    BillID VARCHAR2(10),  
    PayID VARCHAR2(10),  
    CONSTRAINT BillID_Bill_Pay_fk FOREIGN KEY (BillID) REFERENCES Bill(BillID),  
    CONSTRAINT PayID_Bill_Pay_fk FOREIGN KEY (PayID) REFERENCES Payment(PayID)  
);
```

```
INSERT INTO Bill_Pay  
VALUES ('BID001', 'PID001');
```

```
INSERT INTO Bill_Pay  
VALUES ('BID002', 'PID002');
```

```
INSERT INTO Bill_Pay  
VALUES ('BID003', 'PID003');
```

```
INSERT INTO Bill_Pay  
VALUES ('BID004', 'PID004');
```

```
INSERT INTO Bill_Pay  
VALUES ('BID005', 'PID005');
```

```
INSERT INTO Bill_Pay  
VALUES ('BID006', 'PID006');
```

```
INSERT INTO Bill_Pay  
VALUES ('BID007', 'PID007');
```

```
INSERT INTO Bill_Pay  
VALUES ('BID008', 'PID008');
```

```
INSERT INTO Bill_Pay  
VALUES ('BID009', 'PID009');
```

```
INSERT INTO Bill_Pay  
VALUES ('BID010', 'PID010');
```

```
INSERT INTO Bill_Pay  
VALUES ('BID011', 'PID011');
```

```
INSERT INTO Bill_Pay  
VALUES ('BID012', 'PID012');
```

```
INSERT INTO Bill_Pay
    VALUES ('BID013', 'PID013');
INSERT INTO Bill_Pay
    VALUES ('BID014', 'PID014');
INSERT INTO Bill_Pay
    VALUES ('BID015', 'PID015');
INSERT INTO Bill_Pay
    VALUES ('BID016', 'PID016');
INSERT INTO Bill_Pay
    VALUES ('BID017', 'PID017');
INSERT INTO Bill_Pay
    VALUES ('BID018', 'PID018');
INSERT INTO Bill_Pay
    VALUES ('BID019', 'PID019');
INSERT INTO Bill_Pay
    VALUES ('BID020', 'PID020');
```

```
CREATE TABLE Em_Pay (  
    EmID VARCHAR2(7) PRIMARY KEY,  
    PayID VARCHAR2(6),  
    CONSTRAINT EmID_Em_pay_fk FOREIGN KEY (EmID) REFERENCES Employee(EmID),  
    CONSTRAINT PayID_Em_Pay_fk FOREIGN KEY (PayID) REFERENCES Payment(PayID)  
);
```

```
INSERT INTO Em_Pay VALUES ('EID001', 'PID001');  
INSERT INTO Em_Pay VALUES ('EID002', 'PID002');  
INSERT INTO Em_Pay VALUES ('EID003', 'PID003');  
INSERT INTO Em_Pay VALUES ('EID004', 'PID004');  
INSERT INTO Em_Pay VALUES ('EID005', 'PID005');  
INSERT INTO Em_Pay VALUES ('EID006', 'PID006');  
INSERT INTO Em_Pay VALUES ('EID007', 'PID007');  
INSERT INTO Em_Pay VALUES ('EID008', 'PID008');  
INSERT INTO Em_Pay VALUES ('EID009', 'PID009');  
INSERT INTO Em_Pay VALUES ('EID010', 'PID010');  
INSERT INTO Em_Pay VALUES ('EID011', 'PID011');  
INSERT INTO Em_Pay VALUES ('EID012', 'PID012');  
INSERT INTO Em_Pay VALUES ('EID013', 'PID013');  
INSERT INTO Em_Pay VALUES ('EID014', 'PID014');  
INSERT INTO Em_Pay VALUES ('EID015', 'PID015');  
INSERT INTO Em_Pay VALUES ('EID016', 'PID016');  
INSERT INTO Em_Pay VALUES ('EID017', 'PID017');  
INSERT INTO Em_Pay VALUES ('EID018', 'PID018');  
INSERT INTO Em_Pay VALUES ('EID019', 'PID019');  
INSERT INTO Em_Pay VALUES ('EID020', 'PID020');
```



```
CREATE TABLE Main_Pay (  
    MainID VARCHAR2(7) PRIMARY KEY,  
    PayID VARCHAR2(6),  
    CONSTRAINT MainID_Main_Pay_fk FOREIGN KEY (MainID) REFERENCES  
Maintenance(MainID),  
    CONSTRAINT PayID_Main_Pay_fk FOREIGN KEY (PayID) REFERENCES  
Payment(PayID)  
);
```

```
INSERT INTO Main_Pay VALUES ('MID001', 'PID001');  
INSERT INTO Main_Pay VALUES ('MID002', 'PID002');  
INSERT INTO Main_Pay VALUES ('MID003', 'PID003');  
INSERT INTO Main_Pay VALUES ('MID004', 'PID004');  
INSERT INTO Main_Pay VALUES ('MID005', 'PID005');  
INSERT INTO Main_Pay VALUES ('MID006', 'PID006');  
INSERT INTO Main_Pay VALUES ('MID007', 'PID007');  
INSERT INTO Main_Pay VALUES ('MID008', 'PID008');  
INSERT INTO Main_Pay VALUES ('MID009', 'PID009');  
INSERT INTO Main_Pay VALUES ('MID010', 'PID010');  
INSERT INTO Main_Pay VALUES ('MID011', 'PID011');  
INSERT INTO Main_Pay VALUES ('MID012', 'PID012');  
INSERT INTO Main_Pay VALUES ('MID013', 'PID013');  
INSERT INTO Main_Pay VALUES ('MID014', 'PID014');  
INSERT INTO Main_Pay VALUES ('MID015', 'PID015');  
INSERT INTO Main_Pay VALUES ('MID016', 'PID016');  
INSERT INTO Main_Pay VALUES ('MID017', 'PID017');  
INSERT INTO Main_Pay VALUES ('MID018', 'PID018');  
INSERT INTO Main_Pay VALUES ('MID019', 'PID019');  
INSERT INTO Main_Pay VALUES ('MID020', 'PID020');
```

```
CREATE TABLE Supply_Pay (  
    SupplierID VARCHAR2(5) PRIMARY KEY,  
    PayID VARCHAR2(6),  
    CONSTRAINT SupplierID_Supply_Pay_fk FOREIGN KEY (SupplierID) REFERENCES  
Supplier(SupplierID),  
    CONSTRAINT PayID_Supply_Pay_fk FOREIGN KEY (PayID) REFERENCES  
Payment(PayID)  
);
```

```
INSERT INTO Supply_Pay VALUES ('SP001', 'PID001');  
INSERT INTO Supply_Pay VALUES ('SP002', 'PID002');  
INSERT INTO Supply_Pay VALUES ('SP003', 'PID003');  
INSERT INTO Supply_Pay VALUES ('SP004', 'PID004');  
INSERT INTO Supply_Pay VALUES ('SP005', 'PID005');  
INSERT INTO Supply_Pay VALUES ('SP006', 'PID006');  
INSERT INTO Supply_Pay VALUES ('SP007', 'PID007');  
INSERT INTO Supply_Pay VALUES ('SP008', 'PID008');  
INSERT INTO Supply_Pay VALUES ('SP009', 'PID009');  
INSERT INTO Supply_Pay VALUES ('SP010', 'PID010');  
INSERT INTO Supply_Pay VALUES ('SP011', 'PID011');  
INSERT INTO Supply_Pay VALUES ('SP012', 'PID012');  
INSERT INTO Supply_Pay VALUES ('SP013', 'PID013');  
INSERT INTO Supply_Pay VALUES ('SP014', 'PID014');  
INSERT INTO Supply_Pay VALUES ('SP015', 'PID015');  
INSERT INTO Supply_Pay VALUES ('SP016', 'PID016');  
INSERT INTO Supply_Pay VALUES ('SP017', 'PID017');  
INSERT INTO Supply_Pay VALUES ('SP018', 'PID018');  
INSERT INTO Supply_Pay VALUES ('SP019', 'PID019');  
INSERT INTO Supply_Pay VALUES ('SP020', 'PID020');
```

```
CREATE TABLE Laundry_Pay (  
    LaundryID VARCHAR2(4) PRIMARY KEY,  
    PayID VARCHAR2(6),  
    CONSTRAINT LaundryID_Laundry_Pay_fk FOREIGN KEY (LaundryID) REFERENCES  
Laundry(LaundryID),  
    CONSTRAINT PayID_Laundry_Pay_fk FOREIGN KEY (PayID) REFERENCES  
Payment(PayID)  
);
```

```
INSERT INTO Laundry_Pay VALUES ('L001', 'PID001');  
INSERT INTO Laundry_Pay VALUES ('L002', 'PID002');  
INSERT INTO Laundry_Pay VALUES ('L003', 'PID003');  
INSERT INTO Laundry_Pay VALUES ('L004', 'PID004');  
INSERT INTO Laundry_Pay VALUES ('L005', 'PID005');  
INSERT INTO Laundry_Pay VALUES ('L006', 'PID006');  
INSERT INTO Laundry_Pay VALUES ('L007', 'PID007');  
INSERT INTO Laundry_Pay VALUES ('L008', 'PID008');  
INSERT INTO Laundry_Pay VALUES ('L009', 'PID009');  
INSERT INTO Laundry_Pay VALUES ('L010', 'PID010');  
INSERT INTO Laundry_Pay VALUES ('L011', 'PID011');  
INSERT INTO Laundry_Pay VALUES ('L012', 'PID012');  
INSERT INTO Laundry_Pay VALUES ('L013', 'PID013');  
INSERT INTO Laundry_Pay VALUES ('L014', 'PID014');  
INSERT INTO Laundry_Pay VALUES ('L015', 'PID015');  
INSERT INTO Laundry_Pay VALUES ('L016', 'PID016');  
INSERT INTO Laundry_Pay VALUES ('L017', 'PID017');  
INSERT INTO Laundry_Pay VALUES ('L018', 'PID018');  
INSERT INTO Laundry_Pay VALUES ('L019', 'PID019');  
INSERT INTO Laundry_Pay VALUES ('L020', 'PID020');
```

```
CREATE TABLE Cust_Pay (  
    CustID VARCHAR2(4) PRIMARY KEY,  
    PayID VARCHAR2(6) ,  
    CONSTRAINT CustID_Cust_Pay_fk FOREIGN KEY (CustID) REFERENCES  
Customer(CustID),  
    CONSTRAINT PayID_Cust_Pay_fk FOREIGN KEY (PayID) REFERENCES Payment(PayID)  
);
```

```
INSERT INTO Cust_Pay VALUES ('C001', 'PID001');  
INSERT INTO Cust_Pay VALUES ('C002', 'PID002');  
INSERT INTO Cust_Pay VALUES ('C003', 'PID003');  
INSERT INTO Cust_Pay VALUES ('C004', 'PID004');  
INSERT INTO Cust_Pay VALUES ('C005', 'PID005');  
INSERT INTO Cust_Pay VALUES ('C006', 'PID006');  
INSERT INTO Cust_Pay VALUES ('C007', 'PID007');  
INSERT INTO Cust_Pay VALUES ('C008', 'PID008');  
INSERT INTO Cust_Pay VALUES ('C009', 'PID009');  
INSERT INTO Cust_Pay VALUES ('C010', 'PID010');  
INSERT INTO Cust_Pay VALUES ('C011', 'PID011');  
INSERT INTO Cust_Pay VALUES ('C012', 'PID012');  
INSERT INTO Cust_Pay VALUES ('C013', 'PID013');  
INSERT INTO Cust_Pay VALUES ('C014', 'PID014');  
INSERT INTO Cust_Pay VALUES ('C015', 'PID015');  
INSERT INTO Cust_Pay VALUES ('C016', 'PID016');  
INSERT INTO Cust_Pay VALUES ('C017', 'PID017');  
INSERT INTO Cust_Pay VALUES ('C018', 'PID018');  
INSERT INTO Cust_Pay VALUES ('C019', 'PID019');  
INSERT INTO Cust_Pay VALUES ('C020', 'PID020');
```

```
CREATE TABLE Stock_Pay (  
    StockID VARCHAR2(7) PRIMARY KEY,  
    PayID VARCHAR2(6) ,  
    CONSTRAINT StockID_Stock_Pay_fk FOREIGN KEY (StockID) REFERENCES  
Stock(StockID),  
    CONSTRAINT PayID_Stock_Pay_fk FOREIGN KEY (PayID) REFERENCES  
Payment(PayID)  
);
```

```
INSERT INTO Stock_Pay VALUES ('SID001', 'PID001');  
INSERT INTO Stock_Pay VALUES ('SID002', 'PID002');  
INSERT INTO Stock_Pay VALUES ('SID003', 'PID003');  
INSERT INTO Stock_Pay VALUES ('SID004', 'PID004');  
INSERT INTO Stock_Pay VALUES ('SID005', 'PID005');  
INSERT INTO Stock_Pay VALUES ('SID006', 'PID006');  
INSERT INTO Stock_Pay VALUES ('SID007', 'PID007');  
INSERT INTO Stock_Pay VALUES ('SID008', 'PID008');  
INSERT INTO Stock_Pay VALUES ('SID009', 'PID009');  
INSERT INTO Stock_Pay VALUES ('SID010', 'PID010');  
INSERT INTO Stock_Pay VALUES ('SID011', 'PID011');  
INSERT INTO Stock_Pay VALUES ('SID012', 'PID012');  
INSERT INTO Stock_Pay VALUES ('SID013', 'PID013');  
INSERT INTO Stock_Pay VALUES ('SID014', 'PID014');  
INSERT INTO Stock_Pay VALUES ('SID015', 'PID015');  
INSERT INTO Stock_Pay VALUES ('SID016', 'PID016');  
INSERT INTO Stock_Pay VALUES ('SID017', 'PID017');  
INSERT INTO Stock_Pay VALUES ('SID018', 'PID018');  
INSERT INTO Stock_Pay VALUES ('SID019', 'PID019');  
INSERT INTO Stock_Pay VALUES ('SID020', 'PID020');
```

```

CREATE TABLE RoomP_Pay (
    RoomPID VARCHAR2(5) PRIMARY KEY,
    PayID VARCHAR2(6) ,
    CONSTRAINT RoomPID_RoomP_Pay_fk FOREIGN KEY (RoomPID) REFERENCES
Room_Payment(RoomPID),
    CONSTRAINT PayID_RoomP_Pay_fk FOREIGN KEY (PayID) REFERENCES
Payment(PayID)
);

```

```

INSERT INTO RoomP_Pay VALUES ('RD001', 'PID001');
INSERT INTO RoomP_Pay VALUES ('RD002', 'PID002');
INSERT INTO RoomP_Pay VALUES ('RD003', 'PID003');
INSERT INTO RoomP_Pay VALUES ('RD004', 'PID004');
INSERT INTO RoomP_Pay VALUES ('RD005', 'PID005');
INSERT INTO RoomP_Pay VALUES ('RD006', 'PID006');
INSERT INTO RoomP_Pay VALUES ('RD007', 'PID007');
INSERT INTO RoomP_Pay VALUES ('RD008', 'PID008');
INSERT INTO RoomP_Pay VALUES ('RD009', 'PID009');
INSERT INTO RoomP_Pay VALUES ('RD010', 'PID010');
INSERT INTO RoomP_Pay VALUES ('RD011', 'PID011');
INSERT INTO RoomP_Pay VALUES ('RD012', 'PID012');
INSERT INTO RoomP_Pay VALUES ('RD013', 'PID013');
INSERT INTO RoomP_Pay VALUES ('RD014', 'PID014');
INSERT INTO RoomP_Pay VALUES ('RD015', 'PID015');
INSERT INTO RoomP_Pay VALUES ('RD016', 'PID016');
INSERT INTO RoomP_Pay VALUES ('RD017', 'PID017');
INSERT INTO RoomP_Pay VALUES ('RD018', 'PID018');
INSERT INTO RoomP_Pay VALUES ('RD019', 'PID019');
INSERT INTO RoomP_Pay VALUES ('RD020', 'PID020');

```

```
CREATE TABLE Cust_Add (  
    CustID VARCHAR2(10),  
    AddID VARCHAR2(10),  
    CONSTRAINT AddID_Cust_Add_fk FOREIGN KEY (AddID) REFERENCES  
Address(AddID),  
    CONSTRAINT CustID_Cust_Add_fk FOREIGN KEY (CustID) REFERENCES  
Customer(CustID)  
);
```

```
INSERT INTO Cust_Add  
VALUES ('C001', 'AID001');  
INSERT INTO Cust_Add  
VALUES ('C002', 'AID002');  
INSERT INTO Cust_Add  
VALUES ('C003', 'AID003');  
INSERT INTO Cust_Add  
VALUES ('C004', 'AID004');  
INSERT INTO Cust_Add  
VALUES ('C005', 'AID005');  
INSERT INTO Cust_Add  
VALUES ('C006', 'AID006');  
INSERT INTO Cust_Add  
VALUES ('C007', 'AID007');  
INSERT INTO Cust_Add  
VALUES ('C008', 'AID008');  
INSERT INTO Cust_Add  
VALUES ('C009', 'AID009');  
INSERT INTO Cust_Add  
VALUES ('C010', 'AID010');
```

JOIN TABLES

-- File 1

-- The query is to find the name of supplier for the restaurant's ingredients

```
SELECT s.SupplierName, r.RestIngredients
FROM Supplier s, Restaurant r
WHERE s.SupplierID = r.SupplierID
;
```

-- File 2

-- This query is to find the invoice number of payment made by restaurant to pay for supplies where the discount of the supplier is more than 1% and invoice tax is more than 1%

```
SELECT I.InvNum
FROM Invoice I
INNER JOIN Payment p ON p.PayID = I.PayID
INNER JOIN Restaurant rt ON rt.RestID = p.RestID
INNER JOIN Supplier sup ON sup.SupplierID = rt.SupplierID
WHERE sup.SupplierDiscount > 1 AND I.InvTax > 1
GROUP BY I.InvNum
;
```

-- File 3

-- This query is to find the IC number and the name of customers who sent items to laundry, laundry charges that are more than RM 14 and the customer's room information such as room pax and number of bed where the customer's room pax is more than 1, and the customer's booking status is 'confirmed'. It is also to find the names and departments of the employee handles the customers and the country and city the employees live in

```
SELECT c.CustIC, c.CustFirstName , l.LaundryItem, l.LaundryCharge, r.RoomPax,
r.RoomNumOfBed , b.BookStatus, b.BookLoyaltyProgram,
e.EmName,e.EmDepartment,a.AddCountry, a.AddCity
FROM Customer c
INNER JOIN Laundry l ON l.CustID = c.CustID
INNER JOIN Room r ON r.RoomID = l.RoomID
INNER JOIN Room_Booking RB ON RB.RoomID = r.RoomID
INNER JOIN Booking b ON b.BookingID = RB.BookingID
INNER JOIN Employee e ON e.EmID = b.EmID
INNER JOIN Em_Add EA ON EA.EmID = e.EmID
INNER JOIN Address a ON a.AddID = e.AddID
WHERE r.RoomPax > 1 AND l.LaundryCharge > 14.00 AND b.BookStatus = 'Confirmed'
;
```

-- File 4

-- This query is to find the name of employees and the city they live in where city is 'Ipoh', and to find the customer's first name, total days they stayed where total days are more than 1, including the name of the bank they use to pay, the price for the room where the price is more than 100, the subtotal in invoice where the subtotal is more than 500 and the booking time the customer made.

```
SELECT e.EmName, a.AddCity, c.CustFirstName, r.RoomTotalDays, p.PayBankName,
Rpmt.RoomPPrice, I.InvSubtotal, b.BookTime
FROM Employee e
INNER JOIN Em_Add EA ON EA.EmID = e.EmID
INNER JOIN Address a ON a.AddID = EA.AddID
INNER JOIN Cust_Add CA ON CA.AddID = a.AddID
INNER JOIN Customer c ON c.CustID = CA.CustID
INNER JOIN Room_Cust RC ON RC.CustID = c.CustID
INNER JOIN Room r ON r.RoomID = RC.RoomID
INNER JOIN Room_Pay RP ON RP.RoomID = r.RoomID
INNER JOIN Payment p ON p.PayID = RP.PayID
INNER JOIN RoomP_Pay RPP ON RPP.PayID = p.PayID
INNER JOIN Room_Payment Rpmt ON Rpmt.RoomPID = RPP.RoomPID
INNER JOIN Invoice I ON I.InvID = Rpmt.InvID
INNER JOIN Booking b ON b.BookingID = I.BookingID
WHERE r.RoomTotalDays > 1 AND Rpmt.RoomPPrice > 100 AND I.InvSubtotal > 500 AND
a.AddCity = 'Ipoh'
ORDER BY e.EmName DESC;
```

-- DROP VIEW

DROP VIEW PCA_Display;

-- CREATE VIEW

Create View PCA_Display

AS SELECT p.PayID, c.CustID, a.AddID

From Payment p

JOIN Customer c ON c.CustID = p.CustID

JOIN Address a ON a.AddID = c.AddID

WHERE PayAmount > 50;

-- DISPLAY VIEW

SELECT * FROM PCA_Display;

SSM CERTIFICATE



SURUHANJAYA SYARIKAT MALAYSIA
COMPANIES COMMISSION OF MALAYSIA



CHAN MEI CHIEH WS
701678

BORANG 9
AKTA SYARIKAT 1965

[Seksyen 16(4)]

No. Syarikat - MyCoID

1078918 M

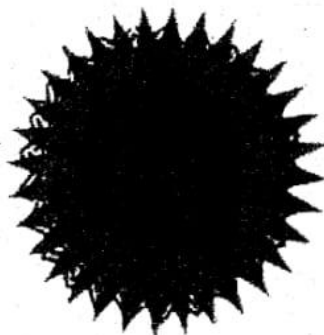
PERAKUAN PEMERBADANAN SYARIKAT SENDIRIAN

Dengan ini diperakui bahawa

HOTEL EXCELSIOR (IPOH) SDN. BHD.

telah diperbadankan di bawah Akta Syarikat 1965, pada dan mulai dari 27 haribulan Januari 2014, dan bahawa syarikat ini adalah sebuah syarikat berhad menurut syer dan bahawa syarikat ini adalah sebuah syarikat sendirian.

Dibuat di bawah tandatangan dan meterai saya di Kuala Lumpur pada 27 haribulan Januari 2014.



DATO' MOHD NAIM DARUWISH
PENDAFTAR SYARIKAT
MALAYSIA