TEB1103

Data and Information Management

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FINAL REPORT

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Group 1

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Relational Schema

1. Person (**Person_IC**, **Person_Work_Email** , Person_Name, Person_Work_Status)

2. PIC (**PIC_ID, PIC_Reference_No** , PIC_Position, PIC_Joined_Date, PIC_Role, PIC_Personal_Email, PIC_Department, PIC_Office_Number, PIC_Race, PIC_Nationality Sales_Person_ID(FK), Company_Reference_No (FK), Person_IC(FK))

3. Employee (**Employee_ID , Employee_TIN** , Employee_Gender, Employee_Address, Employee_Role, Employee_Hire_Date, Employee_Salary, Employee_Age, Employee_DOB, Employee_Contact_No, Employee_Employment_Type, Department_ID (FK), Person_IC(FK))

4. Technician (**Technician_ID , Technician_Ref_Code**, Technician_Territory, Technician_Training_History, Technician_Skill_Level, Technician_Experience, Technician_BMI, Technician_Education, Technician_Vehicle_Plate, Technician_Shift, Technician_Uniform_Size, Employee_ID(FK))

5. Sales_Person (**Sales_Person_ID , Sales_Person_Ref_Code**, SP_Year_In_Company, SP_Language_Proficiency, SP_NDA_Signed, SP_Quarterly_Target, SP_Total_Sales_YTD, SP_Commission_Rate, SP_Last_Training_Date, SP_MicrosoftO_Skill, Employee_ID(FK))

6. Company (**Company_Reference_No , Company_SSM, Company_Tax_No** , Company_Name, Company_Email, Company_Office_Address, Company_Industry, Company_Established_Year, Company_Motto, Company_Owner, Company_Employee_No)

7. Leave_Form (**Leave_Form_ID , Leave_Form_Ref_Code**, LF_Leave_Type, LF_Start_Date, LF_End_Date, LF_Duration, LF_Reason, LF_Submission_Date, LF_Approval_Date, LF_Approver_Name, LF_Remarks, Employee_ID (FK), Department_ID (FK))

8. Contract (**Contract_ID, Contract_Ref_Code**, Contract_Start_Date, Contract_End_Date, Contract_Agreement_Type, Contract_Service_Level, Contract_Work_Scope, Contract_Total_Value, Contract_Status, Contract_Payment_Term, Sales_Person_ID (FK), Company_Reference_No (FK), PIC_ID(FK))

9. Stock (**Stock_ID, Stock_Shelf**, Stock_Warehouse, Stock_Received_Date, Stock_Condition, Supplier_ID (FK))

10. Photocopier (**Photocopier_ID, Photocopier_Model_Number,** Photocopier_Model_Name, Photocopier_Manufacturer, Photocopier_Warranty_Period, Photocopier_Received_Status, Photocopier_Print_Speed, Photocopier_Paper_Size_Handling, Photocopier_Functionality, Photocopier_Ink_Type, Stock_ID(FK))

11. Ink (**Ink_ID, Ink_Model_Number**, Ink_Type, Ink_Colour, Ink_Compatibility, Ink_Supplier, Ink_Manufacturing_Date, Ink_Price, Ink_Expiry_Date, Ink_Order_Status, Stock_ID(FK))

12. Delivery (**Delivery_ID, Delivery_Tracking_No**, Delivery_Scheduled_Date, Delivery_Actual_Date, Delivery_Courier, Delivery_Vehicle_Used, Delivery_Unloading_Time, Delivery_Client_Acceptance_Status, Delivery_Damage_Report, Delivery_Packaging_Condition, Contract_ID (FK), Supplier_ID(FK), Company_Reference_No(FK), PIC_ID(FK), Sales_Person_ID(FK), PR_ID(FK))

13. PIC_Visit (**PICV_ID, PICV_Timestamp,** PICV_Visit_Date, PICV_Duration_Minutes, PICV_Location, PICV_Attendees, PICV_Outcome_Survey, PICV_Follow_Up_Required, PICV_Photos_Taken, PICV_Travel_Cost, PIC_ID (FK), Sales_Person_ID (FK))

14. Department (**Department_ID, Department_Name**, Department_Vision, Department_Manager, Department_Email, Department_Office_Number, Department_No_Of_Employees, Department_Floor, Department_Creation_Date, Department_Mission)

15. Direct_Purchase (**DP_ID, DP_Ref_Code**, DP_Quotation_Ref, DP_Created_Date, DP_Approved_Date, DP_Time, DP_Approved_Status, DP_Justification, DP_Urgency_Level, DP_Remarks, Contract_ID(FK))

16. Tender (**Tender_ID, Tender_Ref_Code,** Tender_Open_Date, Tender_Created_By, Tender_Deadline(FK), Tender_Award_Date, Tender_Name, Tender_Status, Tender_No_Competition, Tender_Type, Tender_Fee, Contract_ID(FK))

17. Invoice (**Invoice_ID, Invoice_Ref_Code,** Invoice_Date, Invoice_Created_Date, Invoice_Amount, Invoice_Tax_Rate, Invoice_Discount, Invoice_Total_Amount(FK), Invoice_Payment_Status, Invoice_Notes, Contract_ID(FK),Supplier_ID(FK) ,PR_ID(FK))

18. Payment_Record (**PR_ID, PR_Ref_Code**, PR_Date, PR_Amount_Paid, PR_Method, PR_Status, PR_Received, PR_Created, PR_Currency, PR_Remarks,Supplier_ID(FK), Delivery_ID(FK), Invoice_ID(FK))

19. Equipment (**Equipment_ID**, **Equipment_Ref_Code**, , Equipment_Name, Equipment_Brand, Equipment_Model, Equipment_Purchase_Date, Equipment_Warranty_Expiry, Equipment_Material, Equipment_Location, Equipment_Status, Delivery_ID (FK), Supplier_ID (FK))

20. Service (**Service_ID, Service_Sequence_No**, Contract_ID(FK), Service_Start_Date, Service_Completed_Date, Service_Issue_Description, Service_Type, Service_Status, Service_Cost, Service_Resolution, Service_Rating)

21. Emergency Contact (**EC_ID**, **EC_Ref**, Technician_ID(FK), EC_Contact_Priority, EC_Phone_Number, EC_Email, EC_Address, EC_Medical_Notes, EC_Notification_Preferences, EC_Last_Verified_Date, EC_Status)

22. Training Certificate (**TC_ID**, **TC_Serial_No**, Training_ID(FK), TC_Name, TC_Issuer, TC_Issue_Date, TC_Expiry_Date, TC_Level, TC_URL, TC_Renewal_Period, TC_Physical, TC_Digital, TC_Accreditation)

23. Training (**Training_ID**, **Training_Title**, Department_Name, Training_Participation_No, Training_Provider, Training_Certified, Training_Duration, Training_Start_Date, Training_End_Date, Training_Remarks, Training_Cost, Training_Location)

24. Supplier (**Supplier_ID, Supplier_Ref_Code**, Supplier_Name, Supplier_Contact, Supplier_Email, Supplier_Address, Supplier_Type, Supplier_Status, Supplier_Added_Date, Supplier_Rating)

25. Feedback (**Feedback_ID, Feedback_Title**, Feedback_Submitted_By, Feedback_Submission_Date, Feedback__Rating, Feedback_Comments, Feedback__Type, Feedback_Follow_Up_Respond, Feedback_Satisfaction_Level, Feedback__Reviewed, Feedback_Status, Stock_ID(FK), Training_ID(FK))

Explosion Table

1. Training_Cert_Employee (TC_ID, Employee_ID)

2. Training_Employee (Training_ID, Employee_ID)

3. Training_Department (Training_ID, Department_ID)

4. Technician_Service (Technician_ID, Service_ID)

5. Delivery_Stock (Delivery_ID, Stock_ID)

6. Emergency_Contact_Employee (EC_ID, Employee_ID)

7. Service_Equipment (Service_ID, Equipment_ID)

8. Technician_Equipment (Technician_ID, Equipment_ID)

9. Employee_Supplier (Employee_ID, Supplier_ID)

10. Contract_Stock (Contact_ID, Stock_ID)

11. Feedback_Person(Feedback_ID, Person_ID)

12. Photocopier_Technician (Photocopier_ID, Technician_ID)

13. Equipment_Payment_Record (Equipment_ID, PR_ID)

14. Invoice_Stock (Invoice_ID, Stock_ID)

15. Invoice_PIC (Invoice_ID, PIC_ID)

16. Stock_PaymentRecord (Stock_ID, PR_ID)

Data Specifications

1. Person

Attribute	Data Type	Data Constraint
Person_IC	VARCHAR(14)	PRIMARY KEY, NOT NULL
Person_Name	VARCHAR(100)	NOT NULL
Person_Work_Email	VARCHAR(100)	PRIMARY KEY, NOT NULL
Person_Work_Status	ENUM('Active', 'Inactive', 'On Leave')	DEFAULT 'Active'

2. PIC

Attribute	Data Type	Data Constraint
PIC_ID	VARCHAR(15)	PRIMARY KEY, NOT NULL
PIC_Reference_No	VARCHAR(20)	PRIMARY KEY, NOT NULL
PIC_Position	VARCHAR(50)	NOT NULL
PIC_Joined_Date	DATE	DATE
PIC_Role	VARCHAR(100)	NOT NULL
PIC_Personal_Email	VARCHAR(100)	NOT NULL
PIC_Department	VARCHAR(100)	NOT NULL
PIC_Office_Number	VARCHAR(15)	NOT NULL
PIC_Race	VARCHAR(50)	NOT NULL
PIC_Nationality	VARCHAR(50)	NOT NULL
Sales_Person_ID (FK)	VARCHAR(4)	FOREIGN KEY, NOT NULL
Company_Reference_No (FK)	VARCHAR(20)	FOREIGN KEY, NOT NULL
Person_IC	VARCHAR(14)	PRIMARY KEY, NOT NULL

3. Employee

Attribute	Data Type	Data Constraint
Employee_ID	VARCHAR(15)	PRIMARY KEY,NOT NULL

Employee_TIN	VARCHAR(13)	PRIMARY KEY,NOT NULL
Employee_Gender	VARCHAR(1)	NOT NULL
Employee_Address	VARCHAR(100)	NOT NULL
Employee_Marital_Status	VARCHAR(50)	NOT NULL
Employee_Hire_Date	DATE	NOT NULL
Employee_Monthly_Salary	DECIMAL(12,2)	NOT NULL, >= 1200.00 (MYR min wage)
Employee_Age	INT	CHECK (>=18 AND <=70)
Employee_DOB	DATE	NOT NULL
Employee_Contact_No	VARCHAR(15)	NOT NULL
Employee_Employment_Type	VARCHAR(10)	NOT NULL ,
Department_ID (FK)	VARCHAR(15)	FOREIGN KEY, NOT NULL
Person_IC	VARCHAR(14)	PRIMARY KEY, NOT NULL

4. Technician

Attribute	Data Type	Data Constraint
Technician_ID	VARCHAR(10)	PRIMARY KEY, NOT NULL
Technician_Ref_Code	VARCHAR(20)	PRIMARY KEY, NOT NULL
Technician_Territory	VARCHAR(20)	NOT NULL
Technician_Training_History	INT	NOT NULL
Technician_Skill_Level	VARCHAR(1)	NOT NULL
Technician_Experience_Years	INT	NOT NULL
Technician_BMI	DECIMAL(4,1)	NOT NULL
Technician_Education	VARCHAR(100)	NOT NULL
Technician_Vehicle_Plate	VARCHAR(10)	NOT NULL
Technician_Shift	VARCHAR(10)	NOT NULL
Technician_Uniform_Size	VARCHAR(3)	NOT NULL
Employee_ID	VARCHAR(15)	PRIMARY KEY,NOT NULL

5. Sales Person

Attribute	Data Type	Data Constraint
Sales_Person_ID	VARCHAR(4)	NOT NULL, PRIMARY KEY
Sales_Person_Ref_Code	VARCHAR(20)	NOT NULL, PRIMARY KEY
SP_Year_In_Company	INT	NOT NULL, >= 0.0
SP_Language_Proficiency	VARCHAR(500)	NOT NULL
SP_NDA_Signed	VARCHAR(1)	NOT NULL, DEFAULT 'N'
SP_Quarterly_Target	DECIMAL(12,2)	NOT NULL, >= 0.00
SP_Total_Sales_YTD	DECIMAL(12,2)	NOT NULL, >= 0.00
SP_Commission_Rate	DECIMAL(5,2)	NOT NULL, BETWEEN 0.00 AND 20.00
SP_Last_Training_Date	DATE	NOT NULL
SP_MicrosoftO_Skill	VARCHAR(15)	NOT NULL
Employee_ID	VARCHAR(15)	PRIMARY KEY,NOT NULL

6. Company

Attribute	Data Type	Constraints
Company_Reference_No	VARCHAR(20)	NOT NULL, PRIMARY KEY
Company_SSM	VARCHAR(20)	NOT NULL, PRIMARY KEY
Company_Tax_No	VARCHAR(20)	NOT NULL, PRIMARY KEY
Company_Name	VARCHAR(100)	NOT NULL
Company_Email	VARCHAR(100)	NOT NULL,
Company_Office_Address	VARCHAR(100)	NOT NULL
Company_Industry	VARCHAR(50)	NOT NULL
Company_Established_Year	NUMBER(4)	NOT NULL
Company_Motto	VARCHAR(100)	NOT NULL
Company_Owner	VARCHAR(100)	NOT NULL
Company_Employee_No	INT	NOT NULL, >= 0

7. Leave Form

Attribute	Data Type	Constraints
Leave_Form_ID	VARCHAR(15)	NOT NULL, PRIMARY KEY
Leave_Form_Ref_Code	VARCHAR(20)	NOT NULL, PRIMARY KEY
LF_Leave_Type	VARCHAR(15)	NOT NULL
LF_Start_Date	DATE	NOT NULL
LF_End_Date	DATE	NOT NULL
LF_Duration	INT	NOT NULL
LF_Reason	VARCHAR(100)	NOT NULL
LF_Submission_Date	TIMESTAMP	NOT NULL
LF_Approval_Date	TIMESTAMP	NOT NULL
LF_Approver_Name	VARCHAR(100)	NOT NULL
LF_Remarks	VARCHAR(100)	NOT NULL
Department_ID (FK)	VARCHAR(15)	FOREIGN KEY, NOT NULL
Employee_ID (FK)	VARCHAR(15)	FOREIGN KEY,NOT NULL

8. Contract

Attribute	Data Type	Constraints
Contract_ID	VARCHAR(15)	NOT NULL, PRIMARY KEY
Contract_Ref_Code	VARCHAR(20)	NOT NULL, PRIMARY KEY
Contract_Start_Date	DATE	NOT NULL
Contract_End_Date	DATE	NOT NULL,
Contract_Agreement_Type	VARCHAR(50)	NOT NULL
Contract_Service_Level	VARCHAR(20)	NOT NULL
Contract_Work_Scope	VARCHAR(200)	NOT NULL
Contract_Total_Value	DECIMAL(12,2)	NOT NULL, > 0.00
Contract_Status	VARCHAR(20)	NOT NULL
Contract_Payment_Term	VARCHAR(20)	NOT NULL
Sales_Person_ID (FK)	VARCHAR(4)	NOT NULL, FOREIGN KEY
Company_Reference_No (FK)	VARCHAR(20)	NOT NULL, FOREIGN KEY
PIC_ID (FK)	VARCHAR(15)	FOREIGN KEY, NOT NULL

9. Stock

Attribute	Data Type	Constraint

Stock_ID	VARCHAR(10)	PRIMARY KEY, NOT NULL
Stock_Shelf	VARCHAR(50)	PRIMARY KEY, NOT NULL
Stock_Condition	VARCHAR(50)	NOT NULL
Stock_Warehouse	VARCHAR(100)	NOT NULL
Stock_Received_Date	DATE	NOT NULL
Supplier_ID (FK)	VARCHAR(10)	FOREIGN KEY, NOT NULL

10.Photocopier

Attribute	Data Type	Constraint
Photocopier_ID	INT	PRIMARY KEY, NOT NULL
Photocopier_Model_Number	VARCHAR(50)	PRIMARY KEY, NOT NULL
Photocopier_Model_Name	VARCHAR(100)	NOT NULL
Photocopier_Manufacturer	VARCHAR(100)	NOT NULL
Photocopier_Warranty_Period	VARCHAR(50)	NOT NULL
Photocopier_Received_Status	VARCHAR(50)	NOT NULL
Photocopier_Print_Speed	VARCHAR(50)	NOT NULL
Photocopier_Paper_Size_Handling	VARCHAR(100)	NOT NULL
Photocopier_Functionality	VARCHAR(100)	NOT NULL
Photocopier_Ink_Type	VARCHAR(50)	NOT NULL
Stock_ID	VARCHAR(10)	PRIMARY KEY, NOT NULL

11.Ink

Attributes	Data Type	Constraint
Ink_ID	INT	PRIMARY KEY, NOT NULL
Ink_Model_Number	VARCHAR(50)	PRIMARY KEY, NOT NULL
Ink_Type	VARCHAR(50)	NOT NULL
Ink_Colour	VARCHAR(50)	NOT NULL
Ink_Compatibility	VARCHAR(100)	NOT NULL
Ink_Supplier	VARCHAR(100)	NOT NULL
Ink_Manufacturing_Date	DATE	NOT NULL
Ink_Price	DECIMAL(10,2)	NOT NULL
Ink_Expiry_Date	DATE	NOT NULL
Ink_Order_Status	VARCHAR(50)	NOT NULL
Stock_ID	VARCHAR(10)	PRIMARY KEY, NOT NULL

12. Delivery

Attribute	Data Type	Constraint
Delivery_ID	VARCHAR(10)	PRIMARY KEY, NOT NULL
Delivery_Tracking_No	VARCHAR(50)	PRIMARY KEY, NOT NULL
Delivery_Scheduled_Date	DATE	NOT NULL
Delivery_Actual_Date	DATE	NOT NULL
Delivery_Courier	VARCHAR(100)	NOT NULL
Delivery_Vehicle_Used	VARCHAR(100)	NOT NULL
Delivery_Unloading_Time	TIME	NOT NULL
Delivery_Client_Acceptance_Status	VARCHAR(50)	NOT NULL (example: 'Accepted', 'Rejected')
Delivery_Damage_Report	VARCHAR(100)	NULL allowed (if damaged)
Delivery_Packaging_Condition	VARCHAR(50)	NOT NULL (example: 'Good', 'Damaged')
Contract_ID (FK)	VARCHAR(15)	FOREIGN KEY, NOT NULL
Supplier_ID (FK)	CHAR	FOREIGN KEY, NOT NULL
Company_Reference_No (FK)	VARCHAR(20)	FOREIGN KEY, NOT NULL
PIC_ID (FK)	VARCHAR(15)	FOREIGN KEY, NOT NULL
Sales_Person_ID (FK)	VARCHAR(4)	FOREIGN KEY, NOT NULL
PR_ID (FK)	INT	FOREIGN KEY, NOT NULL

13. PIC_Visit

Attribute	Data Type	Constraint
PICV_ID	VARCHAR(10)	PRIMARY KEY, NOT NULL
PICV_Timestamp	DATETIME / TIMESTAMP	PRIMARY KEY, NOT NULL
PICV_Visit_Date	DATE	NOT NULL
PICV_Duration_Minutes	INT	NOT NULL
PICV_Location	VARCHAR(100)	NOT NULL
PICV_Attendees	VARCHAR(50)	NULLABLE
PICV_Outcome_Summary	VARCHAR(100)	NULLABLE
PICV_Follow_Up_Required	VARCHAR(10)	BOOLEAN
PICV_Photos_Taken	VARCHAR(10)	BOOLEAN
PICV_Travel_Cost	DECIMAL(10,2)	BOOLEAN
PIC_ID (FK)	VARCHAR(15)	FOREIGN KEY, NOT NULL
Sales_Person_ID (FK)	VARCHAR(4)	NOT NULL, FOREIGN KEY

14. Department

Attribute	Data Type	Constraint
Department_ID	VARCHAR(10)	PRIMARY KEY, NOT NULL
Department_Ref	VARCHAR(10)	PRIMARY KEY, NOT NULL
Department_Name	VARCHAR(100)	NOT NULL
Department_Vision	VARCHAR(100)	NULL allowed
Department_Manager	VARCHAR(100)	NOT NULL
Department_Email	VARCHAR(100)	NOT NULL
Department_Office_Number	VARCHAR(20)	NOT NULL
Department_No_Of_Employees	INT	NOT NULL
Department_Floor	VARCHAR(10)	NOT NULL
Department_Creation_Date	DATE	NOT NULL
Department_Mission	VARCHAR(100)	NULLABLE

15. Direct Purchase

Attribute	Data Type	Constraint
DP_ID	INT	PRIMARY KEY, NOT NULL
DP_Ref_Code	VARCHAR(20)	PRIMARY KEY, NOT NULL
DP_Quotation_Ref	VARCHAR(50)	NULLABLE
DP_Created_Date	DATE	NOT NULL
DP_Approved_Date	DATE	NULLABLE
DP_Time	TIME	NOT NULL
DP_Approved_Status	VARCHAR(20)	CHECK (DP_Approved_Status IN ('Approved', 'Rejected', 'Pending')), NOT NULL
DP_Urgency_Level	VARCHAR(50)	CHECK (DP_Urgency_Level IN ('Low', 'Medium', 'High')), NOT NULL
DP_Remarks	VARCHAR(100)	NULLABLE
DP_Justification (FK)	VARCHAR(500)	NOT NULL
Contract_ID(FK)	INT	FOREIGN KEY, NOT NULL

16. Tender

ATTRIBUTE	DATA TYPE	CONSTRAINT
Tender_ID	INT	PRIMARY KEY, NOT NULL
Tender_Ref_Code	VARCHAR(20)	PRIMARY KEY, NOT NULL
Tender_Open_Date	DATE	NOT NULL
Tender_Created_By	VARCHAR(50)	NOT NULL
Tender_Award_Date	DATE	NULLABLE
Tender_Name	VARCHAR(100)	NOT NULL
Tender_Status	VARCHAR(20)	NOT NULL
Tender_No_Competition	INT	NOT NULL
Tender_Type	VARCHAR(30)	NOT NULL
Tender_Fee	DECIMAL(10,2)	NOT NULL
Tender_Deadline	DATE	NOT NULL
Contract_ID(FK)	INT	FOREIGN KEY, NOT NULL

17. Invoice

ATTRIBUTE	DATA TYPE	CONSTRAINT
Invoice_ID	INT	PRIMARY KEY, NOT NULL
Invoice_Ref_Code	VARCHAR(20)	PRIMARY KEY, NOT NULL
Invoice_Date	DATE	NOT NULL
Invoice_Created_Date	DATE	NOT NULL
Invoice_Amount	DECIMAL(10,2)	NOT NULL
Invoice_Tax_Rate	DECIMAL(5,2)	NOT NULL
Invoice_Discount	DECIMAL(10,2)	NULLLABLE
Invoice_Total_Amount	DECIMAL(10,2)	NOT NULL
Invoice_Payment_Status	VARCHAR(20)	NOT NULL
Invoice_Notes	VARCHAR(500)	NULLABLE
Contract_ID (FK)	INT	FOREIGN KEY, NOT NULL
Sales_Person_ID (FK)	VARCHAR(4)	NOT NULL, FOREIGN KEY
Supplier_ID(FK)	VARCHAR(10)	NOT NULL, FOREIGN KEY
PR_ID (FK)	INT	FOREIGN KEY, NOT NULL

18. Payment_Record

ATTRIBUTE	DATA_TYPE	CONSTRAINT
PR_ID	INT	PRIMARY KEY, NOT NULL
PR_Ref_Code	VARCHAR(20)	PRIMARY KEY, NOT NULL
PR_Date	DATE	NOT NULL
PR_Amount_Paid	DECIMAL(10,2)	NOT NULL
PR_Method	VARCHAR(30)	NOT NULL
PR_Status	VARCHAR(20)	NOT NULL
PR_Received	VARCHAR(10)	NOT NULL
PR_Created	DATE	NOT NULL
PR_Currency	VARCHAR(10)	NOT NULL
Invoice_ID (FK)	INT	FOREIGN KEY, NOT NULL
Sales_Person_ID (FK)	VARCHAR(4)	FOREIGN KEY, NOT NULL
Delivery_ID (FK)	VARCHAR(10)	FOREIGN KEY, NOT NULL
Supplier_ID(FK)	VARCHAR(10)	FOREIGN KEY, NOT NULL

19. Equipment

Attribute	Data Type	Constraint
Equipment_ID	INT	PRIMARY KEY, NOT NULL
Equipment_Ref_Code	VARCHAR(50)	PRIMARY KEY, NOT NULL
Equipment_Name	VARCHAR(100)	NOT NULL
Equipment_Brand	VARCHAR(100)	NOT NULL
Equipment_Model	VARCHAR(100)	NOT NULL
Equipment_Purchase_Date	DATE	NOT NULL
Equipment_Warranty_Expiry	DATE	NOT NULL
Equipment_Material	VARCHAR(100)	NOT NULL
Equipment_Location	VARCHAR(100)	NOT NULL
Equipment_Status	VARCHAR(50)	NOT NULL
Delivery_ID (FK)	VARCHAR(10)	FOREIGN KEY, NOT NULL
Supplier_ID (FK)	VARCHAR(10)	FOREIGN KEY, NOT NULL

20. Service

Attribute	Data Type	Constraint
Service_ID	INT	PRIMARY KEY, NOT NULL
Service_Sequence_No	INT	PRIMARY KEY, NOT NULL
Service_Start_Date	DATE	NOT NULL
Service_Completed_Date	DATE	NOT NULL
Service_Issue_Description	VARCHAR(100)	NOT NULL
Service_Type	VARCHAR(100)	NOT NULL
Service_Status	VARCHAR(50)	NOT NULL
Service_Cost	DECIMAL(10,2)	NOT NULL
Service_Resolution	VARCHAR(100)	NOT NULL
Service_Rating	INT	NOT NULL
Contract_ID(FK)	INT	FOREIGN KEY, NOT NULL

21. Emergency Contact

Attribute	Data Type	Constraint
EC_ID	INT	PRIMARY KEY, NOT NULL
EC_Ref	VARCHAR(50)	PRIMARY KEY, NOT NULL
EC_Contact_Priority	INT	NOT NULL
EC_Phone_Number	VARCHAR(20)	NOT NULL
EC_Email	VARCHAR(100)	NOT NULL
EC_Address	VARCHAR(255)	NOT NULL
EC_Medical_Notes	VARCHAR(255)	NOT NULL
EC_Notification_Preferences	VARCHAR(100)	NOT NULL
EC_Last_Verified_Date	DATE	NOT NULL
EC_Status	VARCHAR(50)	NOT NULL
Technician_ID (FK)	VARCHAR(10)	FOREIGN KEY, NOT NULL

22. Training Certificate

Attribute	Data Type	Constraint
TC_ID	INT	PRIMARY KEY, NOT NULL

TC_Serial_No	VARCHAR(50)	PRIMARY KEY, NOT NULL
TC_Name	VARCHAR(100)	NOT NULL
TC_Issuer	VARCHAR(100)	NOT NULL
TC_Issue_Date	DATE	NOT NULL
TC_Expiry_Date	DATE	NOT NULL
TC_Level	VARCHAR(50)	NOT NULL
TC_URL	VARCHAR(255)	NOT NULL
TC_Renewal_Period	VARCHAR(50)	NOT NULL
TC_Physical	VARCHAR(50)	NOT NULL
TC_Digital	VARCHAR(50)	NOT NULL
TC_Accreditation	VARCHAR(100)	NOT NULL
Training_ID (FK)	INT	FOREIGN KEY, NOT NULL

23. Training

Attribute	Data Type	Constraint
Training_ID	INT	PRIMARY KEY, NOT NULL
Training_Title	VARCHAR(100)	PRIMARY KEY, NOT NULL
Training_Participation_No	INT	NOT NULL
Training_Provider	VARCHAR(100)	NOT NULL
Training_Certified	VARCHAR(50)	NOT NULL
Training_Duration	VARCHAR(50)	NOT NULL
Training_Start_Date	DATE	NOT NULL
Training_End_Date	DATE	NOT NULL
Training_Remarks	VARCHAR(255)	NOT NULL
Training_Cost	DECIMAL(10,2)	NOT NULL
Training_Location	VARCHAR(100)	NOT NULL

24. Supplier

Attribute	Data Type	Constraint
Supplier_ID	CHAR	PRIMARY KEY, NOT NULL, Unique
Supplier_Ref_Code	CHAR	PRIMARY KEY, NOT NULL, Unique
Supplier_Name	VARCHAR(100)	NOT NULL
Supplier_Contact	VARCHAR(20)	NOT NULL,
Supplier_Email	VARCHAR(100)	NOT NULL,
Supplier_Adress	VARCHAR(100)	NOT NULL
Supplier_Type	VARCHAR(50)	NOT NULL
Supplier_Status	VARCHAR(20)	NOT NULL
Supplier_Added_Date	DATE	NOT NULL
Supplier_Rating	DECIMAL(2,1)	NOT NULL

25. Feedback

Attribute	Data Type	Constraint
Feedback_ID	VARCHAR(50)	PRIMARY KEY, NOT NULL, Unique
Feedback_Title	VARCHAR(150)	PRIMARY KEY, NOT NULL,
Feedback_Submitted_By	VARCHAR(100)	NOT NULL
Feedback_Submission_Date	DATE	NOT NULL, DEFAULT Current_Date
Feedback_Rating	DECIMAL(2,1)	NOT NULL
Feedback_Comments	VARCHAR (300)	NULLABLE
Feedback_Type	VARCHAR(50)	NOT NULL
Feedback_Status	VARCHAR(20)	NOT NULL
Feedback_Satisfaction_Level	VARCHAR(20)	NOT NULL
Feedback_Follow_Up_Respond	VARCHAR (300)	NULL ALLOWED
Feedback_Reviewed	BOOLEAN	NOT NULL
Training_ID(FK)	VARCHAR(15)	FOREIGN KEY, NOT NULL
Stock_ID(FK)	VARCHAR(10)	FOREIGN KEY, NOT NULL

Explosion Table

Service _ Equipment

ATTRIBUTES	DATA TYPE	CONSTRAINTS
Service_ID	INT	PRIMARY KEY, NOT NULL
Equipment_ID	INT	PRIMARY KEY, NOT NULL

Training Certificate_Employee

ATTRIBUTES	DATA TYPE	CONSTRAINTS
TC_ID	VARCHAR(20)	PRIMARY KEY, NOT NULL
Employee_ID (PK)	VARCHAR(15)	PRIMARY KEY,NOT NULL

Training_Employee

ATTRIBUTES	DATA TYPE	CONSTRAINTS
Training_ID	VARCHAR(20)	PRIMARY KEY, NOT NULL
Employee_ID (PK)	VARCHAR(15)	PRIMARY KEY,NOT NULL

Training_Department

ATTRIBUTES	DATA TYPE	CONSTRAINTS
Training_ID	VARCHAR(20)	PRIMARY KEY, NOT NULL
Department_ID	VARCHAR(10)	PRIMARY KEY, NOT NULL

Technician_Service

ATTRIBUTES	DATA TYPE	CONSTRAINTS
Technician_ID	VARCHAR(15)	PRIMARY KEY
Service_ID	INT	PRIMARY KEY

Delivery_Stock

ATTRIBUTES	DATA TYPE	CONSTRAINTS
Delivery_ID	VARCHAR(10)	PRIMARY KEY
Stock_ID	VARCHAR(10)	PRIMARY KEY

EmergencyContact_Employee

ATTRIBUTES	DATA TYPE	CONSTRAINTS
EC_ID	INT	PRIMARY KEY
Employee_ID (PK)	VARCHAR(15)	PRIMARY KEY

Technician_Equipment

ATTRIBUTES	DATA TYPE	CONSTRAINTS
Technician_ID	VARCHAR(15)	PRIMARY KEY
Equipment_ID	INT	PRIMARY KEY

Contract_Stock

ATTRIBUTES	DATA TYPE	CONSTRAINTS
Contract_ID	VARCHAR(15)	PRIMARY KEY
Stock_ID	VARCHAR(10)	PRIMARY KEY

Employee_Supplier

ATTRIBUTES	DATA TYPE	CONSTRAINTS
Employee_ID	VARCHAR(15)	PRIMARY KEY
Supplier_ID	VARCHAR(10)	PRIMARY KEY

Feedback_Person

ATTRIBUTES	DATA TYPE	CONSTRAINTS
Feedback_ID	VARCHAR(50)	PRIMARY KEY
Person_IC	VARCHAR(50)	PRIMARY KEY

Photocopier_Technician

ATTRIBUTES	DATA TYPE	CONSTRAINTS
Photocopier_ID	INT	PRIMARY KEY, NOT NULL
Technician_ID	VARCHAR(15)	PRIMARY KEY

Equipment_Payment_Record

ATTRIBUTES	DATA TYPE	CONSTRAINTS
Equipment_ID	INT	PRIMARY KEY
PR_ID	INT	PRIMARY KEY, NOT NULL

Invoice_Stock

ATTRIBUTE	DATA TYPE	CONSTRAINT
Invoice_ID	INT	PRIMARY KEY, NOT NULL

Stock_ID	VARCHAR(10)	PRIMARY KEY

Invoice_PIC

ATTRIBUTE	DATA TYPE	CONSTRAINT
Invoice_ID	INT	PRIMARY KEY, NOT NULL
PIC_ID	VARCHAR(15)	FOREIGN KEY, NOT NULL

Stock_PaymentRecord

Stock_ID	VARCHAR(10)	PRIMARY KEY, NOT NULL
PR_ID	INT	PRIMARY KEY, NOT NULL

Data Layout

PIC

PIC_ID	PIC_Reference_No	PIC_Position	PIC_Joined_Date	PIC_Role	PIC_Personal_Email	PIC_Department	PIC_Office_Number	PIC_Race	PIC_Nationality	Sales_Person_ID	Company_Reference_No	Person_IC
PIC001	REF2023-001	Operations Manager	2020-05-15	Project Lead	ahmad_firdaus@email.my	Operations	+60123456789	Malay	Malaysian	SP01	CRN001	930101211111
PIC002	REF2023-002	IT Supervisor	2019-11-22	System Admin	tan_wei_ling@email.my	IT	+60198765432	Malay	Malaysian	SP02	CRN002	910202222222
PIC003	REF2023-003	Senior Engineer	2021-03-10	Technical Lead	rajesh_kumar@email.my	Engineering	+60111222333	Malay	Malaysian	SP03	CRN003	880303233333
PIC004	REF2023-004	Finance Director	2018-07-05	Financial Control	lim_siew_peng@email.my	Finance	+60133444555	Malay	Malaysian	SP04	CRN004	950404244444
PIC005	REF2023-005	HR Manager	2022-01-30	Recruitment	nor_hidayah@email.my	Human Resources	+60155666777	Malay	Malaysian	SP05	CRN005	960505255555
PIC006	REF2023-006	Marketing Head	2020-09-18	Brand Strategy	chan_kok_leong@email.my	Marketing	+60177888999	Malay	Malaysian	SP06	CRN006	870606266666
PIC007	REF2023-007	Logistics Manager	2021-12-01	Supply Chain	muthu_samy@email.my	Logistics	+60199000111	Malay	Malaysian	SP07	CRN007	840707277777
PIC008	REF2023-008	QA Specialist	2022-06-25	Product Testing	wong_mei_ling@email.my	Quality	+60122333444	Malay	Malaysian	SP08	CRN008	990808288888
PIC009	REF2023-009	Sales Executive	2023-02-14	Client Relations	siti_rahimah@email.my	Sales	+60144555666	Malay	Malaysian	SP09	CRN009	850909299999
PIC010	REF2023-010	Admin Coordinator	2021-08-09	Office Management	khor_boon_hock@email.my	Administration	+60166777888	Malay	Malaysian	SP10	CRN010	921010300000

Sales_Person

Sales_Person_ID	Sales_Person_Ref_Code	SP_Year_In_Company	SP_Language_Proficiency	SP_NDA_Signed	SP_Quarterly_Target (RM)	SP_Total_Sales_YTD (RM)	SP_Commission_Rate	SP_Last_Training_Date	SP_MicrosoftO_Skill	Employee_ID
SP01	REF-SP-MY-2023-001	3	English,Malay,Mandarin	Y	150,000.00	420,500.00	5.25	2023-06-15	Advanced	E11
SP02	REF-SP-MY-2023-002	1	English,Malay	Y	75,000.00	185,300.00	3.50	2023-11-20	Basic	E12
SP03	REF-SP-MY-2023-003	5	English,Tamil	Y	200,000.00	725,800.00	7.80	2023-03-10	Expert	E13
SP04	REF-SP-MY-2023-004	2	English,Cantonese,Malay	Y	125,000.00	310,200.00	4.75	2023-09-05	Intermediate	E14
SP05	REF-SP-MY-2023-005	1	Malay	Y	50,000.00	0.00	2.00	2023-09-05	Basic	E15
SP06	REF-SP-MY-2023-006	4	English,Malay,Hokkien	Y	180,000.00	580,400.00	6.50	2023-07-22	Advanced	E16
SP07	REF-SP-MY-2023-007	7	English,Mandarin	Y	250,000.00	920,750.00	9.25	2023-01-18	Expert	E17
SP08	REF-SP-MY-2023-008	1	English	Y	80,000.00	195,600.00	3.75	2023-10-30	Intermediate	E18
SP09	REF-SP-MY-2023-009	6	Malay,Mandarin	Y	220,000.00	810,300.00	8.50	2023-04-12	Advanced	E19
SP10	REF-SP-MY-2023-010	2	English,Malay,Tamil	Y	100,000.00	275,900.00	4.25	2023-08-08	Advanced	E20

Employee

Employee _ID	Employee _TIN	Employee_Ge nder	Employee_Ad dress	Employee_Marital_ Status	Employee_Hire _Date	Employee_S alary	Employee_ Age	Employee_ DOB	Employee_Employme nt_Type	Departmen t_ID	Person_IC
E01	TIN-90010100 01	M	12 Jalan Merdeka, KL	Married	2021-06-01	4300.00	33	1990-01-01	Full-time	DEP001	9001010111 11
E02	TIN-91020200 02	F	15 Jalan Bukit, Selangor	Married	2023-01-20	3600.00	31	1992-02-02	Full-time	DEP002	9002020222 22
E03	TIN-88030300 03	M	9 Jalan Tun, KL	Married	2018-04-10	5800.00	36	1988-03-03	Full-time	DEP003	8703030333 33
E04	TIN-95040400 04	F	77 Jalan Gombak, KL	Single	2022-02-15	4000.00	29	1995-04-04	Full-time	DEP004	7604040444 44
E05	TIN-96050500 05	M	23 Jalan Tun Razak, KL	Married	2023-06-01	3200.00	28	1996-05-05	Part-time	DEP005	8505050555 55
E06	TIN-87060600 06	M	30 Jalan Ampang, KL	Married	2020-07-10	5300.00	37	1987-06-06	Full-time	DEP006	8206060666 66
E07	TIN-84070700 07	M	16 Jalan Damansara, Selangor	Married	2016-01-05	6200.00	40	1984-07-07	Full-time	DEP007	7807070777 77
E08	TIN-99080800 08	M	19 Jalan Bunga Raya, Melaka	Single	2023-03-01	3500.00	25	1999-08-08	Part-time	DEP008	9008080888 88
E09	TIN-85090900 09	F	25 Jalan Tebrau, Johor	Married	2017-06-15	6000.00	39	1985-09-09	Full-time	DEP009	9109090999 99
E10	TIN-92101000 10	M	89 Jalan Reko, Kajang	Married	2022-08-15	3900.00	32	1992-10-10	Full-time	DEP010	8001011000 00
E11	TIN-93010100 11	M	1 Taman Selesa, KL	Married	2019-01-10	4200.00	31	1993-01-01	Full-time	DEP001	9001011111 11
E12	TIN-91020200 12	F	2 Lorong Damai, Sabah	Married	2021-03-05	3800.00	33	1991-02-02	Full-time	DEP001	9102021222 22

E13	TIN-8803030013	M	3 Jalan Indah, Selangor	Married	2015-04-20	4900.00	36	1988-03-03	Full-time	DEP002	880303133333
E14	TIN-9504040014	F	4 Jalan Tenang, KL	Married	2022-01-12	3500.00	29	1995-04-04	Full-time	DEP003	950404144444
E15	TIN-9605050015	M	5 Jalan Bahagia, Sarawak	Single	2013-07-01	5000.00	28	1996-05-05	Full-time	DEP004	960505155555
E16	TIN-8706060016	M	6 Jalan Mawar, KL	Married	2020-08-01	4100.00	37	1987-06-06	Full-time	DEP005	870606166666
E17	TIN-8407070017	M	7 Jalan Setia, Johor	Married	2016-03-22	5200.00	40	1984-07-07	Full-time	DEP006	840707177777
E18	TIN-9908080018	F	8 Jalan Wawasan, Sabah	Single	2023-04-10	3300.00	25	1999-08-08	Part-time	DEP007	990808188888
E19	TIN-8509090019	M	9 Jalan Murni, Selangor	Married	2017-08-01	5500.00	39	1985-09-09	Full-time	DEP008	850909199999
E20	TIN-9210100020	M	10 Jalan Aman, KL	Married	2020-09-01	4000.00	32	1992-10-10	Full-time	DEP009	921010200000

Technician

Technician_ID	Technician_Ref_Code	Technician_Territory	Technician_Training_History	Technician_Skill_Level	Technician_Experience_Years	Technician_BMI	Technician_Education	Technician_Vehicle_Plate	Technician_Shift	Technician_Uniform_Size	Employee_ID
TECH001	REF-TECH-MY-2023-01	West Malaysia	12	4	5	24.3	Diploma in Electrical Eng	WXY 1234	Morning	L	E01
TECH002	REF-TECH-MY-2023-02	East Malaysia	8	3	3	26.7	Certificate in HVAC	SAB 5678	Afternoon	M	E02
TECH003	REF-TECH-MY-2023-03	Malaysia	15	5	8	22.1	Degree in Mechanical Eng	BKK 9012	Flexi	XL	E03
TECH004	REF-TECH-MY-2023-04	West Malaysia	6	2	2	28.9	Vocational Training	JHR 3456	Night	S	E04
TECH005	REF-TECH-MY-2023-05	East Malaysia	20	5	10	23.5	Advanced Diploma in Electronics	KUL 7890	Morning	M	E05
TECH006	REF-TECH-MY-2023-06	West Malaysia	10	3	4	25.2	Certificate in Plumbing	PNG 1234	Afternoon	L	E06
TECH007	REF-TECH-MY-2023-07	Malaysia	18	4	7	27.8	Diploma in Automotive Tech	MLK 5678	Flexi	XL	E07
TECH008	REF-TECH-MY-2023-08	East Malaysia	5	2	1	29.3	Technical School Certificate	TRG 9012	Morning	S	E08
TECH009	REF-TECH-MY-2023-09	West Malaysia	14	4	6	24.6	Degree in Mechatronics	PJY 3456	Night	M	E09
TECH010	REF-TECH-MY-2023-10	Malaysia	9	3	3	26.1	Diploma in Instrumentation	SRW 7890	Afternoon	L	E10

Person

Person_IC	Person_Name	Person_Work_Email	Person_Work_Status
900101011111	Ahmad Firdaus	ahmad_firdaus@email.my	Active
900202022222	Tan Wei Ling	tan_wei_ling@email.my	Active
870303033333	Rajesh Kumar	rajesh_kumar@email.my	Active
760404044444	Lim Siew Peng	lim_siew_peng@email.my	Active
850505055555	Nor Hidayah	nor_hidayah@email.my	Active
820606066666	Chan Kok Leong	chan_kok_leong@email.my	Active
780707077777	Muthu Samy	muthu_samy@email.my	Active
900808088888	Wong Mei Ling	wong_mei_ling@email.my	Active
910909099999	Siti Rahimah	siti_rahimah@email.my	Active
800101100000	Khor Boon Hock	khor_boon_hock@email.my	Active
900101111111	Firdaus Ahmad	sp01@alliancesales.com	Active
910202122222	Wei Ling Tan	sp02@alliancesales.com	Active
880303133333	Kumar Rajesh	sp03@alliancesales.com	Active
950404144444	Siew Peng Lim	sp04@alliancesales.com	Active
960505155555	Hidayah Nor	sp05@alliancesales.com	Active
870606166666	Kok Leong Chan	sp06@alliancesales.com	Active
840707177777	Samy Muthu	sp07@alliancesales.com	Active

990808188888	Mei Ling Wong	sp08@alliancesales.com	Active
850909199999	Rahimah Siti	sp09@alliancesales.com	Active
921010200000	Boon Hock Khor	sp10@alliancesales.com	Active
930101211111	Azwan Zakaria	tech001@allianceservice.com	Active
910202222222	Alia Rahman	tech002@allianceservice.com	Active
880303233333	Hafiz Osman	tech003@allianceservice.com	Active
950404244444	Nur Aina	tech004@allianceservice.com	Active
960505255555	Faizul Karim	tech005@allianceservice.com	Active
870606266666	Halim Zain	tech006@allianceservice.com	Active
840707277777	Zaki Ibrahim	tech007@allianceservice.com	Active
990808288888	Amira Salim	tech008@allianceservice.com	Active
850909299999	Amirul Afiq	tech009@allianceservice.com	Active
921010300000	Nabilah Zahari	tech010@allianceservice.com	Active

Company

Company_Reference_No	Company_SSM	Company_Tax_No	Company_Name	Company_Email	Company_Office_Address	Company_Industry	Company_Established_Year	Company_Motto	Company_Owner	Company_Employee_No
CRN001	SSM20230100001	TAX2023010001	Axis Engineering Solutions	info@axiseng.my	12 Jalan Merdeka, Kuala Lumpur	Technology	2010	Precision Through Innovation	Ahmad Firdaus	120
CRN002	SSM20230100002	TAX2023010002	NexaTech Systems Sdn Bhd	hello@nexatech.com	22 Jalan Cyber, Petaling Jaya	Technology	2012	Your IT Future, Delivered	Tan Wei Ling	85
CRN003	SSM20230100003	TAX2023010003	Mechline Manufacturing Ltd	contact@mechline.com.my	45 Jalan Industri, Shah Alam	Technology	2008	Engineering Trust, Building Quality	Rajesh Kumar	150
CRN004	SSM20230100004	TAX2023010004	Finix Capital Holdings	support@finixcapital.my	33 Jalan Tun Razak, Kuala Lumpur	Technology	2005	Smart Finance, Stronger Future	Lim Siew Peng	60
CRN005	SSM20230100005	TAX2023010005	PeopleCentric HR Solutions	hr@peoplecentric.my	88 Jalan Perak, Subang Jaya	Technology	2016	Empowering Workplaces	Nor Hidayah	40
CRN006	SSM20230100006	TAX2023010006	Stratigo Branding Agency	team@stratigo.com.my	11 Jalan Ampang, Kuala Lumpur	Technology	2013	Brands That Speak	Chan Kok Leong	90
CRN007	SSM20230100007	TAX2023010007	GlobalRoute Logistics	info@globalroute.my	19 Jalan Kelana, Klang	Technology	2009	Moving Forward Together	Muthu Samy	100
CRN008	SSM20230100008	TAX2023010008	Ascend Quality Consulting	services@ascendqa.my	14 Jalan Teknologi, Cyberjaya	Technology	2018	Commitment to Quality	Wong Mei Ling	50
CRN009	SSM20230100009	TAX2023010009	Zenith Client Services	connect@zenithcs.my	7 Jalan Tropika, Bangi	Technology	2017	Driving Success	Siti Rahimah	35

								Through Service		
CRN010	SSM202301 0010	TAX20230100 10	Optivue Admin Solutions	info@optivue.my	5 Jalan Damai, Seremban	Technology	2015	Your Office. Simplified.	Khor Boon Hock	25

Leave_Form

Leave_Form_ID	Leave_Form_Ref_Code	LF_Leave_Type	LF_Start_Date	LF_End_Date	LF_Duration	LF_Reason	LF_Submission_Date	LF_Approval_Date	LF_Approver_Name	LF_Remarks	Department_ID	Employee_ID
LF001	REF-LF-2023-001	Annual	2023-12-01	2023-12-05	5	Family vacation	2023-11-15	2023-11-16	Farah Zainal	Approved without issue	DEP001	E01
LF002	REF-LF-2023-002	Sick	2023-10-12	2023-10-14	3	Fever and flu	2023-10-11	2023-10-12	Hafizul Jamal	Medical certificate attached	DEP002	E02
LF003	REF-LF-2023-003	Unpaid	2023-09-18	2023-09-22	5	Personal matters	2023-09-01	2023-09-03	Nurul Shafiqa	No salary deduction noted	DEP003	E03
LF004	REF-LF-2023-004	Emergency	2023-11-02	2023-11-03	2	Family emergency	2023-11-01	2023-11-02	Adam Khairuddin	Leave granted immediately	DEP004	E04
LF005	REF-LF-2023-005	Maternity	2023-07-01	2023-09-30	92	Maternity leave	2023-06-15	2023-06-20	Diana Abdul Razak	Standard maternity approval	DEP005	E05
LF006	REF-LF-2023-006	Annual	2023-08-10	2023-08-14	5	Travel	2023-07-20	2023-07-21	Roslan Ibrahim	Backup assigned	DEP006	E06
LF007	REF-LF-2023-007	Sick	2023-06-05	2023-06-06	2	Migraine	2023-06-04	2023-06-05	Anisah Mohamad	Certificate provided	DEP007	E07
LF008	REF-LF-2023-008	Emergency	2023-10-20	2023-10-21	2	House flooding	2023-10-19	2023-10-19	Faizal Zahari	Emergency leave approved	DEP008	E08
LF009	REF-LF-2023-009	Annual	2023-12-20	2023-12-29	10	Year-end family trip	2023-11-25	2023-11-26	Zainab Ramli	Long leave request granted	DEP009	E09

| LF010 | REF-LF-2023-010 | Sick | 2023-05-11 | 2023-05-13 | 3 | Dengue recovery | 2023-05-10 | 2023-05-10 | Khalid Noor | Hospitalization leave | DEP010 | E10 |

Contract

Contract_ID	Contract_Ref_Code	Contract_Start_Date	Contract_End_Date	Contract_Agreement_Type	Contract_Service_Level	Contract_Work_Scope	Contract_Total_Value	Contract_Status	Contract_Payment_Term	Sales_Person_ID	Company_Reference_No	PIC_ID
C001	REF-CON-2023-001	2024-01-01	2025-01-01	Tender	Monthly	Full-service copier leasing for regional offices	158000.00	Active	Monthly	SP01	CRN001	PIC001
C002	REF-CON-2023-002	2023-07-15	2024-07-14	Tender	Quarterly	Toner supply and service support	45600.00	Active	Net 15	SP02	CRN002	PIC002
C003	REF-CON-2023-003	2024-03-01	2025-03-01	Tender	Annual	Equipment installation and training	94500.00	Active	Monthly	SP03	CRN003	PIC003
C004	REF-CON-2023-004	2023-11-05	2024-11-04	Tender	Monthly	24/7 copier maintenance for educational institutions	113000.00	Active	Net 15	SP04	CRN004	PIC004
C005	REF-CON-2023-005	2022-06-10	2023-06-10	Tender	Quarterly	Government agency leasing support	74000.00	Active	Monthly	SP05	CRN005	PIC005
C006	REF-CON-2023-006	2023-02-15	2024-02-14	Tender	Annual	Copier relocation and technical optimization	128500.00	Active	Monthly	SP06	CRN006	PIC006
C007	REF-CON-2023-007	2024-05-01	2025-05-01	Tender	Monthly	Installation of 15 multifunction printers	189700.00	Active	Net 15	SP07	CRN007	PIC007

C008	REF-CON-2023-008	2023-10-20	2024-10-19	Tender	Quarterly	Full lease and service contract for Eastern branch	155000.00	Active	Monthly	SP08	CRN008	PIC008
C009	REF-CON-2023-009	2023-03-10	2024-03-10	Tender	Monthly	Smart printing tech upgrade	120000.00	Active	Monthly	SP09	CRN009	PIC009
C010	REF-CON-2023-010	2024-06-18	2025-06-18	Tender	Monthly	IT asset printing and maintenance coverage	198700.00	Active	Net 15	SP10	CRN010	PIC010
C011	REF-CON-2023-011	2023-03-06	2024-03-06	Direct Purchase	Monthly	Copier unit purchase and install	67500.00	Active	Monthly	SP01	CRN001	PIC001
C012	REF-CON-2023-012	2022-09-19	2023-09-19	Direct Purchase	Quarterly	Toner and paper bundle purchase	22900.00	Active	Net 15	SP02	CRN002	PIC002
C013	REF-CON-2023-013	2024-04-05	2025-04-05	Direct Purchase	Annual	Upgrade of office printing network	85600.00	Active	Monthly	SP03	CRN003	PIC003
C014	REF-CON-2023-014	2024-10-14	2025-10-14	Direct Purchase	Monthly	Replacement parts and ink delivery	30900.00	Active	Monthly	SP04	CRN004	PIC004
C015	REF-CON-2023-015	2023-08-06	2024-08-06	Direct Purchase	Quarterly	Express delivery and tech support	49750.00	Active	Net 15	SP05	CRN005	PIC005
C016	REF-CON-2023-016	2023-07-17	2024-07-17	Direct Purchase	Monthly	Print management system deployment	134500.00	Active	Monthly	SP06	CRN006	PIC006
C017	REF-CON-2023-017	2021-09-05	2022-09-05	Direct Purchase	Annual	End-of-life copier replacement	90200.00	Active	Net 15	SP07	CRN007	PIC007
C018	REF-CON-2023-018	2022-01-21	2023-01-21	Direct Purchase	Monthly	On-site installation of scanning equipment	73450.00	Active	Monthly	SP08	CRN008	PIC008

| C019 | REF-CON-2023-019 | 2021-02-03 | 2022-02-03 | Direct Purchase | Quarterly | Consumable purchase for HQ printing center | 22800.00 | Active | Net 15 | SP09 | CRN009 | PIC009 |
| C020 | REF-CON-2023-020 | 2023-08-04 | 2024-08-04 | Direct Purchase | Annual | Large format printer acquisition | 113600.00 | Active | Monthly | SP10 | CRN010 | PIC010 |

Direct_Purchase

DP_ID	DP_Ref_Code	DP_Quotation_Ref	DP_Created_Date	DP_Approved_Date	DP_Time	DP_Approved_Status	DP_Justification	DP_Urgency_Level	DP_Remarks	Contract_ID
38623129	DP-TW855	Q-43037	2024-03-06	2025-04-03	07:16:18	Pending	When box actually message deal reality.	Critical	System prevent deep seem much animal.	C001
71694096	DP-FB232	Q-53941	2022-09-19	2025-01-07	01:06:34	Rejected	Instead role table get so.	Critical	Successful parent will or hold.	C002
16525324	DP-HJ216	Q-36157	2024-04-05	2025-06-19	17:54:47	Completed	Point along north stage.	High	Against poor Democrat new whose couple.	C003
41230148	DP-HF137	Q-80277	2024-10-14	2025-01-02	15:17:59	Pending	Consumer series report in state happy.	Critical	Certainly task visit ball figure act.	C004
40375698	DP-WX457	Q-9393	2023-08-06	2025-06-17	23:54:54	Completed	Country imagine hope suffer decade cost response coach.	High	Three recently among likely painting leader.	C005
66021792	DP-XI509	Q-71672	2023-07-17	2025-02-16	19:40:33	Approved	Measure foot simply.	Critical	Ground add economic will.	C006
20145531	DP-AK522	Q-95637	2021-09-05	2025-02-06	23:00:14	Completed	Quality set affect travel buy yourself change.	Critical	Large property president week chance theory.	C007
91227664	DP-XL471	Q-31435	2022-01-21	2025-03-24	19:36:17	Approved	Summer say spring season young page become.	High	Memory produce right learn.	C008
55095214	DP-BC143	Q-30198	2021-02-03	2025-06-12	20:04:59	Rejected	Hotel among society voice too.	High	Fall green firm.	C009
25280459	DP-IU258	Q-19784	2023-08-04	2025-04-16	04:10:12	Completed	Everybody year half inside.	Critical	Something catch real.	C010

Tender

Tender_ID	Tender_Ref_Code	Tender_Open_Date	Tender_Created_By	Tender_Deadline	Tender_Award_Date	Tender_Name	Tender_Status	Tender_No_Competition	Tender_Type	Tender_Fee	Contact_ID
37635003	TD-RC471	2020-02-02	Teresa Mueller	2025-04-19	2025-01-22	Huerta-Mcgee	Approved	No	Open	3653.72	C011
46638688	TD-QR791	2021-11-29	Courtney Mccarthy	2025-06-06	2025-05-10	Ramsey PLC	Completed	Yes	Selective	2116.17	C012
23376868	TD-ML917	2024-04-24	Tammy Oliver	2025-02-20	2025-03-28	Henderson Ltd	Approved	No	Negotiated	6379.66	C013
10100024	TD-HT112	2022-08-16	Emily Fuller	2025-05-02	2025-03-01	Ford LLC	Completed	Yes	Negotiated	7225.62	C014
50763701	TD-JH603	2021-04-29	Caitlin Lopez	2025-03-24	2025-05-08	Meadows Ltd	Completed	No	Selective	3148.58	C015
10492639	TD-WU754	2024-06-03	Heidi Saunders	2025-06-06	2025-02-03	Robinson-Nixon	Completed	No	Open	1336.18	C016
20001777	TD-VI817	2020-12-16	Scott Smith	2025-06-01	2025-03-27	Powers-Myers	Rejected	No	Open	9883.19	C017
24743371	TD-UV385	2023-11-03	Tiffany Stevenson	2025-06-19	2025-06-09	Goodman Ltd	Rejected	No	Negotiated	3290.31	C018
95748442	TD-UU336	2022-01-12	Andrew Aguirre	2025-04-09	2025-02-23	Collins PLC	Approved	No	Negotiated	1060.37	C019
25785481	TD-VG940	2020-06-30	Sean Norton	2025-01-01	2025-02-13	Wilson, Ward and Bailey	Approved	Yes	Selective	5990.83	C020

Invoice

Invoice _ID	Invoice_Ref_ Code	Invoice_ Date	Invoice_Create d_Date	Invoice_Am ount	Invoice_Tax _Rate	Invoice_Dis count	Invoice_Total_A mount	Invoice_Payment _Status	Invoice_No tes	Contract _ID	Supplier _ID	PR_ID
689817 84	IV-WK624	2025-02- 20	2025-04-21	7090.76	0.06	155.77	7360.44	Pending	Thank you for your business! Payment due within 14 days.	C001	24636730	76878 741
419581 95	IV-CG880	2025-03- 13	2025-05-07	5044.77	0.05	379.99	4917.02	Completed	Please make payment to CIMB 123- 456-789. No refunds after 7 days.	C002	57687653	63048 870
770787 58	IV-RP511	2025-05- 11	2025-06-21	7798.51	0.1	109.22	8469.14	Rejected	Payment includes 6% SST. Delivery received by Mr. Haziq on 25 June 2025.	C003	62651197	16175 132
676576 92	IV-PZ375	2025-01- 06	2025-02-25	7641.6	0.09	372.77	7956.57	Approved	Payment to be made in two instalments, as agreed.	C004	72174329	70604 189
789178 30	IV-VD649	2025-06- 13	2025-03-20	4438.25	0.08	222.05	4571.26	Approved	Invoice covers maintenanc	C005	87073414	81478 419

									e for June 2025. Call us for support.			
5661 61 34	IV-BT537	2025-02-25	2025-03-26	8558.86	0.07	25.52	9132.46	Pending	5% discount applied for early settlement before 5 July 2025.	C006	75790964	18254 278
6784 52 39	IV-SM539	2025-01-26	2025-04-29	3114.42	0.1	199.43	3226.43	Rejected	Goods delivered to Kuantan warehouse. Signed by En. Farez.	C007	91693353	70504 306
8455 80 36	IV-XA818	2025-05-31	2025-04-09	5309.83	0.07	163.78	5517.74	Completed	Cheques payable to "XYZ Resources".	C008	23413118	64963 010
6178 60 28	IV-BY759	2025-03-03	2025-02-18	2621.85	0.07	383.4	2421.98	Rejected	Project Ref: UTP-MEDIA-0725. Please quote this in all correspond ence.	C009	79089661	14460 008
8832 63 95	IV-QL475	2025-04-09	2025-04-19	7171.63	0.05	230.02	7300.19	Completed	Late payments are subject to 1.5% monthly interest. Thank you for choosing us.	C010	21880807	66885 170

Payment Record

PR_ID	PR_Ref_Code	PR_Date	PR_Amount_Paid	PR_Method	PR_Status	PR_Received	PR_Created	PR_Currency	Invoice_ID	Sales_Person_ID	Delivery_ID	Supplier_ID
76878741	PR-VD606	2025-05-04	2037.63	Cheque	Rejected	2025-06-17	2025-02-13	EUR	61786028	SP01	D001	24636730
63048870	PR-DD357	2025-03-11	7869.1	Cheque	Rejected	2025-04-26	2025-05-14	MYR	77078758	SP02	D002	57687653
16175132	PR-GC741	2025-02-14	6726.07	Bank Transfer	Approved	2025-04-21	2025-06-12	EUR	67845239	SP03	D003	62651197
70604189	PR-AY955	2025-02-06	355.62	Cheque	Approved	2025-02-12	2025-02-02	EUR	84558036	SP04	D004	72174329
81478419	PR-OK551	2025-04-04	7545.76	Bank Transfer	Approved	2025-04-18	2025-03-18	USD	84558036	SP05	D005	87073414
18254278	PR-LF892	2025-05-30	3620.74	Cash	Approved	2025-04-05	2025-02-07	MYR	56616134	SP06	D006	75790964
70504306	PR-LL320	2025-05-09	5847.67	Cheque	Pending	2025-05-18	2025-02-13	USD	77078758	SP07	D007	91693353
64963010	PR-OR871	2025-03-11	2214.93	Bank Transfer	Completed	2025-04-17	2025-01-08	MYR	67845239	SP08	D008	23413118
14460008	PR-ZD525	2025-01-06	4456.08	Credit Card	Pending	2025-04-15	2025-05-10	USD	77078758	SP09	D009	61786028
66885170	PR-SG595	2025-05-03	7058.03	Cash	Rejected	2025-03-05	2025-05-23	EUR	84558036	SP010	D010	88326395

Equipment

Equipment_ID	Equipment_Ref_Code	Delivery_ID	Supplier_ID	Equipment_Name	Equipment_Brand	Equipment_Model	Equipment_Purchase_Date	Equipment_Warranty_Expiry	Equipment_Material	Equipment_Location	Equipment_Status
1201	EQ001	D001	2001	Drill Machine	HP	Model-332	2023-09-07	2026-08-05	Steel	Office A	Active
1202	EQ002	D002	2002	Drill Machine	Hitachi	Model-382	2022-10-31	2025-09-16	Steel	Office B	Active

1203	EQ003	D003	2003	Laser Printer	Samsung	Model-658	2023-08-26	2026-06-29	Steel	Warehouse B	Inactive
1204	EQ004	D004	2004	Drill Machine	Panasonic	Model-858	2024-01-10	2028-03-25	Aluminum	Office A	Active
1205	EQ005	D005	2005	Drill Machine	Panasonic	Model-228	2023-05-03	2027-01-19	Plastic	Office B	Inactive
1206	EQ006	D006	2006	Drill Machine	HP	Model-708	2022-09-24	2027-03-22	Plastic	Office B	Active
1207	EQ007	D007	2007	Welding Kit	Hitachi	Model-553	2024-06-07	2025-07-02	Steel	Warehouse B	Inactive
1208	EQ008	D008	2008	Cooling Fan	Hitachi	Model-481	2023-05-12	2028-03-06	Plastic	Office B	Active
1209	EQ009	D009	2009	Laser Printer	Samsung	Model-921	2023-02-14	2025-06-27	Aluminum	Office A	Inactive
1210	EQ010	D010	2010	Cooling Fan	Bosch	Model-985	2022-08-06	2027-06-02	Plastic	Warehouse B	Active

Service

Service_ID	Service_Sequence_No	Contract_ID	Service_Start_Date	Service_Completed_Date	Service_Issue_Description	Service_Type	Service_Status	Service_Cost	Service_Resolution	Service_Rating
2201	001	25627502	2023-08-01	2023-08-02	Paper jam in tray	Repair	Completed	150.00	Cleared jammed paper	1
2202	002	65617080	2023-07-10	2023-07-11	Low print quality	Maintenance	Completed	120.00	Cleaned toner unit	4
2203	003	79302439	2023-06-15	2023-06-16	No power	Repair	Completed	200.00	Replaced power cable	3
2204	004	66176416	2023-05-20	2023-05-22	Regular check-up	Maintenance	Completed	100.00	Performed diagnostics	5
2205	005	12048493	2023-04-01	2023-04-01	Paper feed error	Repair	Completed	180.00	Replaced feed roller	2
2206	006	93996242	2023-03-10	2023-03-12	Strange noise during print	Maintenance	Completed	140.00	Lubricated moving parts	1
2207	007	95437868	2023-02-05	2023-02-06	Error code E202	Repair	Completed	160.00	Reset internal settings	3
2208	008	14990647	2023-01-18	2023-01-20	Network printing issue	Installation	Completed	190.00	Reconfigured network	4
2209	009	28269339	2022-12-10	2022-12-12	Toner not detected	Repair	Completed	130.00	Cleaned toner contacts	3

| 2210 | 010 | 482662 23 | 2022-11-25 | 2022-11-26 | Preventive maintenance | Mainten ance | Complete d | 110.00 | Checked all components | 2 |

Stock

Stock_ID	Stock_Shelf	Stock_Condition	Stock_Warehouse	Stock_Received_Date	Supplier_ID
S001	A01	New	Main Warehouse	2025-06-01	24636730
S002	A02	New	Warehouse 2	2025-05-28	57687653
S003	B01	New	Main Warehouse	2025-06-05	62651197
S004	B02	Used	Warehouse 3	2025-06-02	72174329
S005	C01	New	Warehouse 2	2025-06-07	87073414
S006	C02	New	Main Warehouse	2025-06-10	75790964
S007	D01	New	Warehouse 3	2025-06-03	91693353
S008	D02	New	Warehouse 2	2025-06-09	23413118
S009	E01	Used	Main Warehouse	2025-06-12	79089661
S010	E02	New	Warehouse 1	2025-06-04	21880807
S011	F01	New	Main Warehouse	2025-06-06	6820479
S012	F02	New	Warehouse 3	2025-06-08	6826410
S013	G01	New	Warehouse 2	2025-06-11	2747395
S014	G02	Used	Main Warehouse	2025-06-05	1827482
S015	H01	New	Warehouse 3	2025-06-02	4822953
S016	H02	New	Warehouse 2	2025-06-09	2147532
S017	I01	New	Main Warehouse	2025-06-13	4729295
S018	I02	New	Warehouse 1	2025-06-07	1284932
S019	J01	Used	Main Warehouse	2025-06-10	3249732
S020	J02	New	Warehouse 3	2025-06-08	2374859

Photocopier

Photocopier_ID	Photocopier_Model_Number	Photocopier_Model_Name	Photocopier_Manufacturer	Photocopier_Warranty_Period	Photocopier_Received_Status	Photocopier_Print_Speed	Photocopier_Paper_Size_Handling	Photocopier_Functionality	Photocopier_Ink_Type	Stock_ID
1001	M1001	Ricoh Aficio MP 201	Ricoh	3 Years	Received	20 ppm	A4, A3	Print, Copy, Scan	Laser	S001
1002	M1002	Ricoh IM C3000	Ricoh	2 Years	Pending	30 ppm	A4, A3, Legal	Print, Copy, Scan, Fax	Laser	S002
1003	M1003	Ricoh MP C4504ex	Ricoh	3 Years	Received	45 ppm	A4, A3, Legal	Print, Copy, Scan	Laser	S003
1004	M1004	Ricoh MP 3055	Ricoh	2 Years	Received	30 ppm	A4, A3	Print, Copy	Laser	S004
1005	M1005	Ricoh SP 3710DN	Ricoh	1 Year	Received	32 ppm	A4, A5	Print only	Laser	S005
1006	M1006	Ricoh IM 6000	Ricoh	3 Years	Pending	60 ppm	A4, A3	Print, Copy, Scan	Laser	S006
1007	M1007	Ricoh MP C3003	Ricoh	2 Years	Received	30 ppm	A4, A3, Legal	Print, Copy, Scan, Fax	Laser	S007
1008	M1008	Ricoh SP C840DN	Ricoh	2 Years	Received	45 ppm	A4, A5	Print only	Laser	S008
1009	M1009	Ricoh IM C2000	Ricoh	3 Years	Received	20 ppm	A4, A3	Print, Copy, Scan	Laser	S009
1010	M1010	Ricoh IM C400SRF	Ricoh	3 Years	Pending	40 ppm	A4, A3, Legal	Print, Copy, Scan, Staple	Laser	S010

Ink

Ink_ID	Ink_Model_Number	Ink_Type	Ink_Colour	Ink_Compatibility	Ink_Supplier	Ink_Manufacturing_Date	Ink_Price (RM)	Ink_Expiry_Date	Ink_Order_Status	Stock_ID
2001	INK-MP201-BK	Laser	Black	Ricoh Aficio MP 201	Ricoh Malaysia	2025-01-10	350.00	2027-01-10	Ordered	S011
2002	INK-C3000-C	Laser	Cyan	Ricoh IM C3000	Ricoh Malaysia	2024-12-05	420.00	2026-12-05	Received	S012
2003	INK-C3000-M	Laser	Magenta	Ricoh IM C3000	Ricoh Malaysia	2024-11-15	420.00	2026-11-15	Pending	S013
2004	INK-C3000-Y	Laser	Yellow	Ricoh IM C3000	Ricoh Malaysia	2024-11-20	420.00	2026-11-20	Received	S014
2005	INK-3055-BK	Laser	Black	Ricoh MP 3055	Ricoh Malaysia	2025-02-01	370.00	2027-02-01	Ordered	S015
2006	INK-SP3710-BK	Laser	Black	Ricoh SP 3710DN	Ricoh Malaysia	2025-03-12	280.00	2027-03-12	Received	S016
2007	INK-6000-BK	Laser	Black	Ricoh IM 6000	Ricoh Malaysia	2025-04-05	480.00	2027-04-05	Pending	S017
2008	INK-C3003-C	Laser	Cyan	Ricoh MP C3003	Ricoh Malaysia	2025-01-25	410.00	2027-01-25	Ordered	S018
2009	INK-C840DN-BK	Laser	Black	Ricoh SP C840DN	Ricoh Malaysia	2025-05-10	390.00	2027-05-10	Received	S019
2010	INK-C400SRF-C	Laser	Cyan	Ricoh IM C400SRF	Ricoh Malaysia	2025-02-18	440.00	2027-02-18	Ordered	S020

Delivery

Delivery_ID	Delivery_Tracking_No	Delivery_Scheduled_Date	Delivery_Actual_Date	Delivery_Courier	Delivery_Vehicle_Used	Delivery_Unloading_Time	Delivery_Client_Acceptance_Status	Delivery_Damage_Report	Delivery_Packaging_Condition	Contract_ID	Supplier_ID	Company_Reference_No	PIC_ID	Sales_Person_ID	PR_ID
D001	TRK-0001	2025-06-01	2025-06-02	DHL	Van	10:30	Accepted	None	Intact	C001	24636730	CRN001	PIC001	SP01	76878741
D002	TRK-0002	2025-06-03	2025-06-03	J&T Express	Van	11:00	Accepted	None	Minor damage	C002	57687653	CRN002	PIC002	SP02	63048870
D003	TRK-0003	2025-06-05	2025-06-06	GDex	Truck	13:00	Accepted	Slight dent on box	Intact	C003	62651197	CRN003	PIC003	SP03	16175132
D004	TRK-0004	2025-06-07	2025-06-07	DHL	Van	09:30	Accepted	None	Intact	C004	72174329	CRN004	PIC004	SP04	70604189
D005	TRK-0005	2025-06-08	2025-06-09	PosLaju	Truck	15:00	Rejected	Damaged equipment	Severely damaged	C005	87073414	CRN005	PIC005	SP05	81478419
D006	TRK-0006	2025-06-10	2025-06-11	J&T Express	Van	10:00	Accepted	None	Intact	C006	75790964	CRN006	PIC006	SP06	18254278
D007	TRK-0007	2025-06-12	2025-06-12	GDex	Truck	14:00	Accepted	None	Intact	C007	91693353	CRN007	PIC007	SP07	70504306
D008	TRK-0008	2025-06-13	2025-06-14	DHL	Van	16:00	Accepted	None	Intact	C008	23413118	CRN008	PIC008	SP08	64963010
D009	TRK-0009	2025-06-15	2025-06-16	PosLaju	Truck	12:00	Accepted	Torn outer wrapping	Intact	C009	79089661	CRN009	PIC009	SP09	14460008
D010	TRK-0010	2025-06-17	2025-06-17	J&T Express	Van	09:00	Accepted	None	Intact	C010	21880807	CRN010	PIC010	SP10	66885170

PIC Visit

PICV_ID	PICV_Timestamp	PICV_Visit_Date	PICV_Duration_Minutes	PICV_Location	PICV_Attendees	PICV_Outcome_Summary	PICV_Follow_Up_Required	PICV_Photos_Taken	PICV_Travel_Cost (RM)	PIC_ID	Sales_Person_ID
PV001	2025-06-01 09:00:00	2025-06-01	60	Kuala Lumpur Branch	John Tan, Alice Wong	Client satisfied, next order in July	Yes	Yes	120.00	PIC001	SP01
PV002	2025-06-02 10:30:00	2025-06-02	45	Penang Office	Ahmad Zulkifli	Inquiry about new product range	No	No	95.00	PIC002	SP02
PV003	2025-06-03 14:00:00	2025-06-03	90	Johor Bahru HQ	Michael Lim, Noraini	Discussed service improvements	Yes	Yes	180.00	PIC003	SP03
PV004	2025-06-04 11:15:00	2025-06-04	60	Ipoh Regional Office	Chong Wei, Tan Mei Lin	Positive feedback, requested brochure	No	Yes	110.00	PIC004	SP04
PV005	2025-06-05 13:30:00	2025-06-05	75	Seremban Office	Razali Osman	Discussed training session needs	Yes	No	135.00	PIC005	SP05
PV006	2025-06-06 09:00:00	2025-06-06	50	Shah Alam HQ	Nur Aisyah, Hanif	Complaint resolved, happy customer	No	Yes	90.00	PIC006	SP06
PV007	2025-06-07 15:00:00	2025-06-07	80	Melaka Branch	Siti Zubaidah, Firdaus	Ordered new batch of photocopiers	Yes	Yes	150.00	PIC007	SP07
PV008	2025-06-08 14:45:00	2025-06-08	60	Kota Bharu Office	Haslina Mokhtar	General catch-up visit	No	No	160.00	PIC008	SP08
PV009	2025-06-09 10:15:00	2025-06-09	70	Alor Setar Regional	Teo Swee Ping, Tan Ai Ling	Warranty extension request	Yes	Yes	200.00	PIC009	SP09

| PV010 | 2025-06-10 16:00:00 | 2025-06-10 | 90 | Kuala Terengganu Branch | Roslan Mahmood, Julia Hamzah | Training session feedback collected | No | Yes | 170.00 | PIC010 | SP10 |

Department

Department_ID	Department_Ref	Department_Name	Department_Vision	Department_Manager	Department_Email	Department_Office_Number	Department_No_Of_Employees	Department_Floor	Department_Creation_Date	Department_Mission
DEP001	DEPR001	Sales & Marketing	To be the market leader in office solutions	Mr. Adam Tan	sales_marketing@company.com	03-12345678	25	5	2020-03-15	Drive revenue growth through innovation
DEP002	DEPR002	Human Resources	Empower and develop our people	Ms. Sarah Wong	hr@company.com	03-87654321	12	2	2019-05-10	Foster a positive and inclusive culture
DEP003	DEPR003	Finance	Ensure financial sustainability and integrity	Mr. Joseph Lim	finance@company.com	03-13579246	18	4	2018-01-20	Maintain strong financial management
DEP004	DEPR004	IT Support	Deliver reliable and innovative IT solutions	Mr. Raymond Lee	it_support@company.com	03-24681357	15	3	2021-08-05	Enhance business through technology
DEP005	DEPR005	Logistics & Operations	Optimize logistics for timely deliveries	Ms. Noraini Khalid	logistics@company.com	03-11223344	20	6	2020-11-25	Ensure seamless operations and distribution
DEP006	DEPR006	Customer Service	Provide exceptional customer service	Ms. Jasmine Teo	customerservice@company.com	03-44332211	22	1	2019-06-18	Deliver outstanding

										customer experience
DEP007	DEPR007	Procurement	Source quality products at best value	Mr. Faizal Rahman	procurement@company.com	03-99887766	10	4	2017-09-12	Maintain strong supplier relationships
DEP008	DEPR008	R&D	Innovate for the future	Dr. Michelle Tan	rnd@company.com	03-22334455	8	7	2021-02-28	Drive product innovation and improvement
DEP009	DEPR009	Legal	Protect company interests and ensure compliance	Mr. Kelvin Soo	legal@company.com	03-55667788	6	3	2016-12-01	Ensure legal compliance
DEP010	DEPR010	Training & Development	Build employee skills and competencies	Ms. Farah Zainal	training@company.com	03-66554433	14	2	2020-07-14	Develop employee potential

Emergency Contact

EC_ID	EC_Ref	Technician_ID	EC_Contact_Priority	EC_Phone_Number	EC_Email	EC_Address	EC_Medical_Notes	EC_Notification_Preferences	EC_Last_Verified_Date	EC_Status

1	EC001	TECH001	1	012-3456789	emc1@example.com	123 Tech Road, City A	Asthma	SMS	2024-06-01	Active
2	EC002	TECH002	2	013-4567890	emc2@example.com	45 Block B, Cyberjaya	Diabetes	Email	2024-05-25	Active
3	EC003	TECH003	1	014-5678901	emc3@example.com	78 Jalan Aman, Ipoh	None	Call	2024-06-10	Active
4	EC004	TECH004	3	015-6789012	emc4@example.com	22 Bukit Indah, Johor	Hypertension	SMS	2024-06-15	Active
5	EC005	TECH005	1	016-7890123	emc5@example.com	3C Flat Meru, Klang	Asthma	Email	2024-06-18	Active
6	EC006	TECH006	2	017-8901234	emc6@example.com	12 Lorong Damai, Penang	None	SMS	2024-06-14	Active
7	EC007	TECH007	1	018-9012345	emc7@example.com	99 Taman Sari, Melaka	Diabetes	Call	2024-06-11	Active
8	EC008	TECH008	3	019-0123456	emc8@example.com	7 Jalan Tepi, Alor Setar	Asthma	Email	2024-06-13	Active
9	EC009	TECH009	2	010-1234567	emc9@example.com	6A Jalan Ilmu, Shah Alam	None	SMS	2024-06-09	Active
10	EC010	TECH010	1	011-2345678	emc10@example.com	50 Seksyen 5, Petaling Jaya	Hypertension	Call	2024-06-05	Active

Training Certificate

TC_ID	TC_Serial_No	Training_ID	TC_Name	TC_Issuer	TC_Issue_Date	TC_Expiry_Date	TC_Level	TC_URL	TC_Renewal_Period	TC_Physical	TC_Digital	TC_Accreditation
1	TC001	7001	Fire Safety	HRDF	2023-01-15	2025-01-15	Basic	http://example.com/tc001	2 Years	TRUE	TRUE	HR Accredited
2	TC002	7002	Machine Handling	OSHA	2022-07-01	2024-07-01	Advanced	http://example.com/tc002	2 Years	TRUE	FALSE	ISO Certified
3	TC003	7003	Electrical Safety	NIOSH	2023-03-10	2025-03-10	Intermediate	http://example.com/tc003	2 Years	FALSE	TRUE	HR Accredited
4	TC004	7004	Equipment Repair	OSHA	2022-09-05	2024-09-05	Basic	http://example.com/tc004	2 Years	TRUE	TRUE	ISO Certified
5	TC005	7005	First Aid	HRDF	2023-05-20	2025-05-20	Basic	http://example.com/tc005	2 Years	FALSE	TRUE	HR Accredited
6	TC006	7006	HSE Awareness	NIOSH	2022-12-01	2024-12-01	Intermediate	http://example.com/tc006	2 Years	TRUE	FALSE	ISO Certified
7	TC007	7007	Fire Drill Basics	HRDF	2023-02-17	2025-02-17	Basic	http://example.com/tc007	2 Years	TRUE	TRUE	None
8	TC008	7008	Chemical Handling	OSHA	2022-06-11	2024-06-11	Advanced	http://example.com/tc008	2 Years	TRUE	FALSE	ISO Certified
9	TC009	7009	Ladder Safety	NIOSH	2023-04-05	2025-04-05	Basic	http://example.com/tc009	2 Years	FALSE	TRUE	HR Accredited
10	TC010	7010	Lockout Tagout	OSHA	2023-06-20	2025-06-20	Intermediate	http://example.com/tc010	2 Years	TRUE	TRUE	ISO Certified

Training

Training _ID	Training_Title	Training_Participation_No	Training_Provider	Training_Certified	Training_Duration	Training_Start_Date	Training_End_Date	Training_Remarks	Training_Cost	Training_Location
1001	Occupational Safety & Health	25	NIOSH	Yes	3 Days	2024-03-01	2024-03-03	Mandatory for site engineers	1500.00	Kuala Lumpur
1002	Advanced Excel for Data Analysis	15	ExcelPro Academy	No	2 Days	2024-04-15	2024-04-16	Useful for reporting tasks	850.00	Online (Zoom)
1003	Project Management Fundamentals	20	PM Institute	Yes	5 Days	2024-05-10	2024-05-14	Includes hands-on workshops	2200.00	Penang
1004	Basic First Aid & CPR	30	Red Cross Malaysia	Yes	1 Day	2024-02-22	2024-02-22	Required for safety team	300.00	Johor Bahru
1005	Effective Communication Skills	18	SoftSkills4U	No	2 Days	2024-06-05	2024-06-06	Interactive roleplay activities included	600.00	Ipoh
1006	Cybersecurity Awareness	40	CyberSec Institute	No	1 Day	2024-03-18	2024-03-18	Focus on phishing and email safety	500.00	Online (MS Teams)
1007	Leadership Development Program	12	FutureLeaders Academy	Yes	7 Days	2024-07-01	2024-07-07	For managerial staff	3500.00	Kota Kinabalu
1008	AutoCAD 2D & 3D	10	CADMaster Training	Yes	10 Days	2024-01-10	2024-01-19	Includes certification exam	4200.00	Kuala Terengganu
1009	Workplace Ethics & Integrity	22	HR SkillCenter	No	1 Day	2024-08-12	2024-08-12	Part of induction program	200.00	Seremban
1010	Environmental Sustainability Policy	16	GreenMalaysia	Yes	3 Days	2024-09-20	2024-09-22	Covers ISO 14001 basics	1300.00	Shah Alam

Feedback

Feedbac k_ID	Feedback _Title	Feedback_Subm itted_By	Feedback_Submis sion_Date	Feedback_ Rating	Feedback_Co mments	Feedback _Type	Feedback_Follow_U p_Respond	Feedback_Follow_U p_Respond	Feedback_Re viewed	Feedback_ Status	Trainin g_ID	Stock _ID
2594043 3	Feedback on Toner	Lisa Pena	2025-06-22	3.2	Waiting time for support was too long.	Inquiry	Resolved with a remote troubleshooting session.	Resolved with a remote troubleshooting session.	FALSE	Reviewed	7001	S001
8754113 4	Feedback on Photocopi er	Roberto Barrett DDS	2025-04-06	4.5	Toner replacement was handled smoothly.	Inquiry	Scheduled follow-up visit next week.	Scheduled follow-up visit next week.	FALSE	Closed	7002	S002
5286148 1	Feedback on Service	Sabrina Clark	2025-05-27	1.4	The copier frequently jams during large jobs.	Inquiry	Client advised to perform routine checks.	Client advised to perform routine checks.	TRUE	Reviewed	7003	S003
8390685 6	Feedback on Maintenan ce	Tracy Kennedy	2025-05-22	1.5	Machine performance is below expectations.	Other	Resolved with a remote troubleshooting session.	Resolved with a remote troubleshooting session.	TRUE	Reviewed	7004	S004
3825224 3	Feedback on Service	Jenny Jarvis	2025-04-17	4.8	There is a persistent error code showing.	Suggestion	Resolved with a remote troubleshooting session.	Resolved with a remote troubleshooting session.	TRUE	Closed	7005	S005
2544825 9	Feedback on Maintenan ce	Samantha Davis	2025-02-28	2	Service was prompt and efficient.	Inquiry	Scheduled follow-up visit next week.	Scheduled follow-up visit next week.	TRUE	Closed	7006	S006
1701096 0	Feedback on Service	Elizabeth Wilson	2025-03-31	2.1	Overall a good experience with the maintenance team.	Complaint	Scheduled follow-up visit next week.	Scheduled follow-up visit next week.	FALSE	Closed	7007	S007
4941968 8	Feedback on Toner	Michelle Martinez	2025-03-03	4.5	Waiting time for support was too long.	Inquiry	Client contacted for more details.	Client contacted for more details.	FALSE	Pending	7008	S008
1312835 8	Feedback on Service	Kathleen Curry	2025-03-26	3.3	There is a persistent error code showing.	Inquiry	Resolved with a remote troubleshooting session.	Resolved with a remote troubleshooting session.	TRUE	Pending	7009	S009
3270029 3	Feedback on Maintenan ce	Peggy Hall PhD	2025-03-04	2.1	The copier frequently jams during large jobs.	Other	Scheduled follow-up visit next week.	Scheduled follow-up visit next week.	FALSE	Reviewed	7010	S010

Supplier

Supplier_ID	Supplier_Ref_Code	Supplier_Name	Supplier_Contact	Supplier_Email	Supplier_Address	Supplier_Type	Supplier_Status	Supplier_Added_Date	Supplier_Rating
24636730	SUFT166	Barber-Wu	(507)459-4847x5943	carol49@swanson.com	08721 Melissa Roads Suite 700, Lake Jenniferborough, MT 33802	Local	Active	2023-05-28	3.4
57687653	SUCY581	Baxter-Olson	001-358-998-5609x147	hullerika@norton-martinez.com	11385 Harry Fields, South John, AR 37677	International	Active	2020-03-11	4.3
62651197	SUOJ275	Browning Inc	912.870.7063x083	brownolivia@potter-anderson.com	81111 Austin Manors, West Brendafurt, WI 85111	International	Active	2024-07-17	4.8
72174329	SUYH117	King-Davis	+1-603-428-2313x7670	russodominic@middleton.net	5511 Cannon Land, Port Edwardmouth, CT 94620	Local	Active	2021-02-24	3.9
87073414	SUDU683	Melton-Brown	(023)926-0447	megan49@jones.org	7342 Shelton Fork, West Robertland, MS 64240	Local	Active	2024-10-15	1.9
75790964	SUZL267	Douglas, Brown and Bond	420-352-7297x4626	charlenegraves@allen-horne.com	06234 Williamson Highway Apt. 771, Stevenview, MO 79141	International	Active	2021-10-25	4.9
91693353	SUJW864	Mclean PLC	+1-064-913-3884x29227	jlittle@griffin-ho.info	1960 Clark Turnpike, South Sabrinaview, NE 04936	Local	Active	2022-08-01	2.4
23413118	SURA436	Weaver, Rush and Mcknight	001-877-785-0669	mooresuzanne@petersen.net	880 Dominguez Hills, North Susanville, ID 97357	International	Active	2022-04-29	4.8
79089661	SUJC168	Brown, Jimenez and Guzman	+1-995-475-0563	charles94@rivera-ross.com	70648 Brandi Manors Suite 662, West Patrickmouth, SC 81873	Local	Active	2021-06-23	2.4
21880807	SUSD765	Rivera, Mcdonald and Herrera	+1-916-106-9979x73176	martinezsusan@weber.com	7804 Smith Viaduct Apt. 890, New Russellshire, NC 68701	International	Active	2023-01-18	4.1

Explosion Table

TrainingCert_Employee

TC_ID	Employee_ID
TECH001	E01
TECH002	E02
TECH003	E03
TECH004	E04
TECH005	E05
TECH006	E06
TECH007	E07
TECH008	E08
TECH009	E09
TECH010	E10

Training_Employee

Training_ID	Employee_ID
7001	E01
7002	E02
7003	E03
7004	E04
7005	E05
7006	E06
7007	E07
7008	E08
7009	E09
7010	E10

Training_Department

Training_ID	Department_ID
7001	DEP001
7002	DEP002
7003	DEP003
7004	DEP004
7005	DEP005
7006	DEP006
7007	DEP007
7008	DEP008
7009	DEP009
7010	DEP010

Technician_Service

Technician_ID	**Service_ID**
TECH001	1
TECH002	2
TECH003	3
TECH004	4
TECH005	5
TECH006	6
TECH007	7
TECH008	8
TECH009	9
TECH010	10

Delivery _Stock

Delivery_ID	Stock_ID
D001	S001
D002	S002
D003	S003
D004	S004
D005	S005
D006	S006
D007	S007
D008	S008
D009	S009
D010	S010

EmergencyContact_Employee

EC_ID	Employee_ID
1	E01
2	E02
3	E03
4	E04
5	E05
6	E06
7	E07
8	E08
9	E09
10	E10

Service_Equipment

Service_ID	Equipment_ID
2201	1201
2202	1202
2203	1203
2204	1204
2205	1205
2206	1206
2207	1207
2208	1208
2209	1209
2210	1210

Technician_Equipment

Technician_ID	Equipment_ID
TECH001	1201
TECH002	1202
TECH003	1203
TECH004	1204
TECH005	1205
TECH006	1206
TECH007	1207
TECH008	1208
TECH009	1209
TECH010	1210

Contract_Stock

Contract_ID	Stock_ID
C001	S001
C002	S002
C003	S003
C004	S004
C005	S005
C006	S006
C007	S007
C008	S008
C009	S009
C010	S010

Employee_Supplier

Employee_ID	Supplier_ID
E01	24636730
E02	57687653
E03	62651197
E04	72174329
E05	87073414
E06	75790964
E07	91693353
E08	23413118
E09	79089661
E10	21880807

Photocopier_Technician

Technician_ID	Photocopier_ID
TECH001	1001
TECH002	1002
TECH003	1003
TECH004	1004
TECH005	1005
TECH006	1006
TECH007	1007
TECH008	1008
TECH009	1009
TECH010	1010

Equipment_Payment_Record

Equipment_ID	PR_ID
1201	76878741
1202	63048870
1203	16175132
1204	70604189
1205	81478419
1206	18254278
1207	70504306
1208	64963010
1209	14460008
1210	66885170

Feedback_Person

Feedback_ID	Person_IC
25940433	900101011111
87541134	900202022222
52861481	870303033333
83906856	760404044444
38252243	850505055555
25448259	820606066666
17010960	780707077777
49419688	900808088888
13128358	910909099999
32700293	800101100000

Invoice_Stock

Invoice_ID	Stock_ID
68981784	S001
41958195	S002
77078758	S003
67657692	S004
78917830	S005
56616134	S006
67845239	S007
84558036	S008
61786028	S009
88326395	S010

Invoice_PIC

Invoice_ID	PIC_ID
68981784	PIC001
41958195	PIC002
77078758	PIC003
67657692	PIC004
78917830	PIC005
56616134	PIC006
67845239	PIC007
84558036	PIC008
61786028	PIC009
88326395	PIC010

Stock_PaymentRecord

Stock_ID	PR_ID
S001	76878741
S002	63048870
S003	16175132
S004	70604189
S005	81478419
S006	18254278

S007	70504306
S008	64963010
S009	14460008
S010	66885170

Part 2

Create Table

SUPPLIER

CREATE TABLE Supplier(Supplier_ID VARCHAR(20), Supplier_Ref_Code VARCHAR(20), Supplier_Name VARCHAR(100), Supplier_Contact VARCHAR(50), Supplier_Email VARCHAR(100), Supplier_Address VARCHAR(100), Supplier_Type VARCHAR(50), Supplier_Status VARCHAR(20), Supplier_Added_Date DATE, Supplier_Rating DECIMAL(2,1), PRIMARY KEY (Supplier_ID, Supplier_Ref_Code), UNIQUE(Supplier_ID));

DEPARTMENT

```
CREATE TABLE Department ( Department_ID VARCHAR(10) NOT NULL, Department_Ref VARCHAR(10) NOT NULL, Department_Name
VARCHAR(100) NOT NULL, Department_Vision VARCHAR(100), Department_Manager VARCHAR(100) NOT NULL, Department_Email
VARCHAR(100) NOT NULL, Department_Office_Number VARCHAR(20) NOT NULL, Department_No_Of_Employees INT NOT NULL,
Department_Floor VARCHAR(10) NOT NULL, Department_Creation_Date DATE NOT NULL, Department_Mission VARCHAR(100),
PRIMARY KEY (Department_ID, Department_Ref), UNIQUE(Department_ID) );
```

TRAINING

```
CREATE TABLE Training ( Training_ID VARCHAR(20), Training_Title VARCHAR(100), Training_Participation_No INT,
Training_Provider VARCHAR(100), Training_Certified VARCHAR(50), Training_Duration VARCHAR(50), Training_Start_Date
DATE, Training_End_Date DATE, Training_Remarks VARCHAR(255), Training_Cost DECIMAL(10,2), Training_Location
VARCHAR(100), PRIMARY KEY(Training_ID, Training_Title), UNIQUE(Training_ID) );
```

COMPANY

```
CREATE TABLE Company ( Company_Reference_No VARCHAR(20) NOT NULL, Company_SSM VARCHAR(20) NOT NULL, Company_Tax_No
VARCHAR(20) NOT NULL, Company_Name VARCHAR(100) NOT NULL, Company_Email VARCHAR(100) NOT NULL,
Company_Office_Address VARCHAR(100) NOT NULL, Company_Industry VARCHAR(50) NOT NULL, Company_Established_Year INT
NOT NULL, Company_Motto VARCHAR(100) NOT NULL, Company_Owner VARCHAR(100) NOT NULL, Company_Employee_No INT NOT
NULL, PRIMARY KEY (Company_Reference_No, Company_SSM, Company_Tax_No), UNIQUE(Company_Reference_No) );

  CREATE TABLE  Person_IC VARCHAR2(14) NOT NULL,

    Person_Name VARCHAR2(100) NOT NULL,

    Person_Work_Email VARCHAR2(100) NOT NULL,

    Person_Work_Status VARCHAR2(10) DEFAULT 'Active',

    Company_Reference_No VARCHAR2(10),

    PRIMARY KEY (Person_IC, Person_Work_Email),

    FOREIGN KEY (Company_Reference_No) REFERENCES Company(Company_Reference_No),
```

```
UNIQUE(Person_IC)

);
```

<u>EMPLOYEE</u>

```
CREATE TABLE Employee ( Employee_ID VARCHAR(15) NOT NULL, Employee_TIN VARCHAR(20) NOT NULL, Employee_Gender
VARCHAR(1) NOT NULL CHECK (Employee_Gender IN ('F', 'M')), Employee_Address VARCHAR(100) NOT NULL,
Employee_Marital_Status VARCHAR(50) NOT NULL, Employee_Hire_Date DATE NOT NULL, Employee_Monthly_Salary
DECIMAL(12,2) NOT NULL CHECK (Employee_Monthly_Salary >= 1200.00), Employee_Age INT NOT NULL, Employee_DOB DATE NOT
NULL, Employee_Employment_Type VARCHAR(10) NOT NULL CHECK (Employee_Employment_Type IN ('Full-time', 'Part-time')),
Department_ID VARCHAR(15) NOT NULL, Person_IC VARCHAR(14) NOT NULL, PRIMARY KEY (Employee_ID, Employee_TIN), FOREIGN
KEY (Department_ID) REFERENCES Department(Department_ID), FOREIGN KEY (Person_IC) REFERENCES Person(Person_IC),
UNIQUE(Employee_ID) );
```

<u>LEAVE_FORM</u>

```
CREATE TABLE Leave_Form ( Leave_Form_ID VARCHAR(15) NOT NULL, Leave_Form_Ref_Code VARCHAR(20) NOT NULL,
LF_Leave_Type VARCHAR(20) NOT NULL, LF_Start_Date DATE NOT NULL, LF_End_Date DATE NOT NULL, LF_Duration INT NOT
NULL, LF_Reason VARCHAR(100) NOT NULL, LF_Submission_Date TIMESTAMP NOT NULL, LF_Approval_Date TIMESTAMP NOT NULL,
LF_Approver_Name VARCHAR(100) NOT NULL, LF_Remarks VARCHAR(100) NOT NULL, Department_ID VARCHAR(15) NOT NULL,

Employee_ID VARCHAR(15) NOT NULL, PRIMARY KEY (Leave_Form_ID, Leave_Form_Ref_Code), FOREIGN KEY (Department_ID)
REFERENCES Department(Department_ID), FOREIGN KEY (Employee_ID) REFERENCES Employee(Employee_ID) );
```

<u>SALES_PERSON</u>

```
CREATE TABLE Sales_Person ( Sales_Person_ID VARCHAR(4) NOT NULL, Sales_Person_Ref_Code VARCHAR(20) NOT NULL,
SP_Year_In_Company INT NOT NULL, SP_Language_Proficiency VARCHAR(500), SP_NDA_Signed VARCHAR(1) DEFAULT 'N' NOT
NULL, SP_Quarterly_Target DECIMAL(12,2) NOT NULL, SP_Total_Sales_YTD DECIMAL(12,2) NOT NULL, SP_Commission_Rate
DECIMAL(5,2) NOT NULL, SP_Last_Training_Date DATE, SP_MicrosoftO_Skill VARCHAR(15) NOT NULL, Employee_ID VARCHAR(15)
NOT NULL, PRIMARY KEY (Sales_Person_ID, Sales_Person_Ref_Code), FOREIGN KEY (Employee_ID) REFERENCES
Employee(Employee_ID), UNIQUE(Sales_Person_ID) );
```

PIC

```
CREATE TABLE PIC ( PIC_ID VARCHAR(15) NOT NULL, PIC_Reference_No VARCHAR(20) NOT NULL, PIC_Position VARCHAR(50) NOT
NULL, PIC_Joined_Date DATE, PIC_Role VARCHAR(100) NOT NULL, PIC_Personal_Email VARCHAR(100) NOT NULL, PIC_Department
VARCHAR(100) NOT NULL, PIC_Office_Number VARCHAR(15) NOT NULL, PIC_Race VARCHAR(50) NOT NULL, PIC_Nationality
VARCHAR(50) NOT NULL, Sales_Person_ID VARCHAR(4) NOT NULL, Company_Reference_No VARCHAR(20) NOT NULL, Person_IC
VARCHAR(14) NOT NULL, PRIMARY KEY (PIC_ID, PIC_Reference_No), FOREIGN KEY (Sales_Person_ID) REFERENCES
Sales_Person(Sales_Person_ID), FOREIGN KEY (Company_Reference_No) REFERENCES Company(Company_Reference_No), FOREIGN
KEY (Person_IC) REFERENCES Person(Person_IC), UNIQUE(PIC_ID) );
```

PIC VISIT

```
CREATE TABLE PIC_Visit ( PICV_ID VARCHAR(10), PICV_Timestamp TIMESTAMP, PICV_Visit_Date DATE, PICV_Duration_Minutes
INT, PICV_Location VARCHAR(100), PICV_Attendees VARCHAR(50), PICV_Outcome_Summary VARCHAR(100),
PICV_Follow_Up_Required VARCHAR(10), PICV_Photos_Taken VARCHAR(10), PICV_Travel_Cost DECIMAL(10,2), PIC_ID
VARCHAR(15), Sales_Person_ID VARCHAR(4), PRIMARY KEY (PICV_ID, PICV_Timestamp), FOREIGN KEY (PIC_ID) REFERENCES PIC
(PIC_ID), FOREIGN KEY (Sales_Person_ID) REFERENCES Sales_Person (Sales_Person_ID) );
```

CONTRACT

```
CREATE TABLE Contract ( Contract_ID VARCHAR(15) NOT NULL, Contract_Ref_Code VARCHAR(20) NOT NULL,
Contract_Start_Date DATE NOT NULL, Contract_End_Date DATE NOT NULL, Contract_Agreement_Type VARCHAR(50) NOT NULL,
Contract_Service_Level VARCHAR(20) NOT NULL, Contract_Work_Scope VARCHAR(200) NOT NULL, Contract_Total_Value
DECIMAL(12,2) NOT NULL, Contract_Status VARCHAR(20) NOT NULL, Contract_Payment_Term VARCHAR(20) NOT NULL,
Sales_Person_ID VARCHAR(4) NOT NULL, Company_Reference_No VARCHAR(20) NOT NULL, PIC_ID VARCHAR(15), PRIMARY KEY
(Contract_ID, Contract_Ref_Code), FOREIGN KEY (Sales_Person_ID) REFERENCES Sales_Person(Sales_Person_ID), FOREIGN
KEY (Company_Reference_No) REFERENCES Company(Company_Reference_No), FOREIGN KEY(PIC_ID)REFERENCES PIC(PIC_ID),
UNIQUE(Contract_ID) );
```

DIRECT PURCHASE

```
CREATE TABLE Direct_Purchase ( DP_ID INT, DP_Ref_Code VARCHAR(20), DP_Quotation_Ref VARCHAR(50), DP_Created_Date
DATE, DP_Approved_Date DATE, DP_Time TIMESTAMP, DP_Approved_Status VARCHAR(20), DP_Urgency_Level VARCHAR(50),
```

DP_Remarks VARCHAR(100), DP_Justification VARCHAR(500), Contract_ID VARCHAR(15) NOT NULL, PRIMARY KEY (DP_ID, DP_Ref_Code), FOREIGN KEY (Contract_ID) REFERENCES Contract(Contract_ID));

TENDER

CREATE TABLE Tender (Tender_ID INT, Tender_Ref_Code VARCHAR(20), Tender_Open_Date DATE, Tender_Created_By VARCHAR(50), Tender_Deadline DATE, Tender_Award_Date DATE, Tender_Name VARCHAR(100), Tender_Status VARCHAR(20), Tender_No_Competition INT, Tender_Type VARCHAR(30), Tender_Fee DECIMAL(10,2), Contract_ID VARCHAR(15) NOT NULL, PRIMARY KEY(Tender_ID, Tender_Ref_Code), FOREIGN KEY (Contract_ID) REFERENCES Contract(Contract_ID));

STOCK

CREATE TABLE Stock (Stock_ID VARCHAR(10), Stock_Shelf VARCHAR(50), Stock_Condition VARCHAR(50), Stock_Warehouse VARCHAR(100), Stock_Received_Date DATE, Supplier_ID VARCHAR(10), PRIMARY KEY (Stock_ID, Stock_Shelf), FOREIGN KEY (Supplier_ID) REFERENCES Supplier (Supplier_ID), UNIQUE(Stock_ID));

PHOTOCOPIER

CREATE TABLE Photocopier (Photocopier_ID INT, Photocopier_Model_Number VARCHAR(50), Photocopier_Model_Name VARCHAR(100), Photocopier_Manufacturer VARCHAR(100), Photocopier_Warranty_Period VARCHAR(50), Photocopier_Received_Status VARCHAR(50), Photocopier_Print_Speed VARCHAR(50), Photocopier_Paper_Size_Handling VARCHAR(100), Photocopier_Functionality VARCHAR(100), Photocopier_Ink_Type VARCHAR(50), Stock_ID VARCHAR(10), PRIMARY KEY(Photocopier_ID,Photocopier_Model_Number), FOREIGN KEY (Stock_ID) REFERENCES Stock(Stock_ID), UNIQUE(Photocopier_ID));

INK

CREATE TABLE Ink (Ink_ID INT, Ink_Model_Number VARCHAR(50), Ink_Type VARCHAR(50), Ink_Colour VARCHAR(50), Ink_Compatibility VARCHAR(50), Ink_Supplier VARCHAR(100), Ink_Manufacturer_Date DATE, Ink_Price DECIMAL(10,2), Ink_Expiry_Date DATE, Ink_Order_Status VARCHAR(50), Stock_ID VARCHAR(10), PRIMARY KEY(Ink_ID,Ink_Model_Number), FOREIGN KEY (Stock_ID) REFERENCES Stock(Stock_ID));

FEEDBACK

```
CREATE TABLE Feedback( Feedback_ID VARCHAR(50), Feedback_Title VARCHAR(150), Feedback_Submitted_By VARCHAR(100),
Feedback_Submission_Date DATE, Feedback_Rating DECIMAL(2,1), Feedback_Comments VARCHAR(300), Feedback_Type
VARCHAR(50), Feedback_Status VARCHAR(20), Feedback_Satisfaction_Level VARCHAR(20), Feedback_Follow_Up_Respond
VARCHAR(300), Feedback_Reviewed VARCHAR(10), Training_ID VARCHAR(15), Stock_ID VARCHAR(10), PRIMARY KEY
(Feedback_ID, Feedback_Title), FOREIGN KEY (Training_ID)REFERENCES Training(Training_ID), FOREIGN KEY
(Stock_ID)REFERENCES Stock(Stock_ID), UNIQUE(Feedback_ID) );
```

SERVICE

```
CREATE TABLE Service ( Service_ID INT, Service_Sequence_No INT, Service_Start_Date DATE, Contract_ID VARCHAR2(15),
Service_Completed_Date DATE, Service_Issue_Description VARCHAR(100), Service_Type VARCHAR(100), Service_Status
VARCHAR(50), Service_Cost DECIMAL(10,2), Service_Resolution VARCHAR(100), Service_Rating INT, FOREIGN
KEY(Contract_ID) REFERENCES Contract(Contract_ID), PRIMARY KEY(Service_ID, Service_Sequence_No),
UNIQUE(Service_ID) );
```

TRAINING CERTIFICATE

```
CREATE TABLE Training_Certificate ( TC_ID VARCHAR(20), TC_Serial_No VARCHAR(50), Training_ID VARCHAR(20), TC_Name
VARCHAR(100), TC_Issuer VARCHAR(100), TC_Issue_Date DATE, TC_Expiry_Date DATE, TC_Level VARCHAR(50), TC_URL
VARCHAR(255), TC_Renewal_Period VARCHAR(50), TC_Physical VARCHAR(50), TC_Digital VARCHAR(50), TC_Accreditation
VARCHAR(100), FOREIGN KEY(Training_ID) REFERENCES Training(Training_ID), PRIMARY KEY(TC_ID, TC_Serial_No),
UNIQUE(TC_ID) );
```

TECHNICIAN

```
CREATE TABLE Technician ( Technician_ID VARCHAR(15) NOT NULL, Technician_Ref_Code VARCHAR(20) NOT NULL,
Technician_Territory VARCHAR(20) NOT NULL, Technician_Training_History INT NOT NULL, Technician_Skill_Level
VARCHAR(1) NOT NULL, Technician_Experience_Years INT NOT NULL, Technician_BMI DECIMAL(4,1) NOT NULL,
Technician_Education VARCHAR(100) NOT NULL, Technician_Vehicle_Plate VARCHAR(10) NOT NULL, Technician_Shift
VARCHAR(10) NOT NULL, Technician_Uniform_Size VARCHAR(3) NOT NULL, EC_ID VARCHAR(30), -- initially nullable
Employee_ID VARCHAR(15) NOT NULL, PRIMARY KEY (Technician_ID, Technician_Ref_Code), FOREIGN KEY (Employee_ID)
REFERENCES Employee(Employee_ID), UNIQUE(Technician_ID) );
```

EMERGENCY CONTACT

```
CREATE TABLE Emergency_Contact ( EC_ID INT, EC_Ref VARCHAR(50), Technician_ID VARCHAR(10), -- initially nullable
EC_Contact_Priority INT, EC_Phone_Number VARCHAR(20), EC_Email VARCHAR(100), EC_Address VARCHAR(255),
EC_Medical_Notes VARCHAR(255), EC_Notification_Preferences VARCHAR(100), EC_Last_Verified_Date DATE, EC_Status
VARCHAR(50), PRIMARY KEY(EC_ID, EC_Ref), UNIQUE(EC_ID) );
```

INVOICE

```
CREATE TABLE Invoice ( Invoice_ID INT, Invoice_Ref_Code VARCHAR(20), Invoice_Date DATE, Invoice_Created_Date DATE,
Invoice_Amount DECIMAL(10,2), Invoice_Tax_Rate DECIMAL(5,2), Invoice_Discount DECIMAL(10,2), Invoice_Total_Amount
DECIMAL(10,2), Invoice_Payment_Status VARCHAR(20), Invoice_Notes VARCHAR(500), Contract_ID VARCHAR(15),
Sales_Person_ID VARCHAR(4), PRIMARY KEY (Invoice_ID, Invoice_Ref_Code), FOREIGN KEY (Contract_ID) REFERENCES
Contract(Contract_ID), FOREIGN KEY (Sales_Person_ID) REFERENCES Sales_Person(Sales_Person_ID), UNIQUE(Invoice_ID) );
```

DELIVERY

```
CREATE TABLE Delivery ( Delivery_ID VARCHAR(10), Delivery_Tracking_No VARCHAR(50), Delivery_Scheduled_Date DATE,
Delivery_Actual_Date DATE, Delivery_Courier VARCHAR(100), Delivery_Vehicle_Used VARCHAR(100),
Delivery_Unloading_Time TIMESTAMP, Delivery_Client_Acceptance_Status VARCHAR(50), Delivery_Damage_Report
VARCHAR(100), Delivery_Packaging_Condition VARCHAR(50), Contract_ID VARCHAR(15), Supplier_ID VARCHAR(20),
Company_Reference_No VARCHAR(20), PIC_ID VARCHAR(15), Sales_Person_ID VARCHAR(4), PR_ID INT, PRIMARY KEY
(Delivery_ID, Delivery_Tracking_No), FOREIGN KEY (Contract_ID) REFERENCES Contract (Contract_ID), FOREIGN KEY
(Supplier_ID) REFERENCES Supplier (Supplier_ID), FOREIGN KEY (Company_Reference_No) REFERENCES Company
(Company_Reference_No), FOREIGN KEY (PIC_ID) REFERENCES PIC (PIC_ID), FOREIGN KEY (Sales_Person_ID) REFERENCES
Sales_Person (Sales_Person_ID), UNIQUE(Delivery_ID) );
```

PAYMENT RECORD

```
CREATE TABLE Payment_Record ( PR_ID INT, PR_Ref_Code VARCHAR(20), PR_Date DATE, PR_Amount_Paid DECIMAL(10,2),
PR_Method VARCHAR(30), PR_Status VARCHAR(20), PR_Received VARCHAR(10), PR_Created DATE, PR_Currency VARCHAR(10),
Invoice_ID INT, Sales_Person_ID VARCHAR(4), Delivery_ID VARCHAR(10), Supplier_ID VARCHAR(10), PRIMARY KEY (PR_ID,
PR_Ref_Code), FOREIGN KEY (Invoice_ID) REFERENCES Invoice(Invoice_ID), FOREIGN KEY (Sales_Person_ID) REFERENCES
Sales_Person(Sales_Person_ID), FOREIGN KEY (Delivery_ID) REFERENCES Delivery(Delivery_ID), FOREIGN KEY (Supplier_ID)
REFERENCES Supplier(Supplier_ID), UNIQUE(PR_ID) );
```

EQUIPMENT

```sql
CREATE TABLE Equipment( Equipment_ID VARCHAR(20), Equipment_Ref_Code VARCHAR(50), Equipment_Name VARCHAR(100),
Equipment_Brand VARCHAR(100), Equipment_Model VARCHAR(100), Equipment_Purchase_Date DATE, Equipment_Warranty_Expiry
DATE, Equipment_Material VARCHAR(100), Equipment_Location VARCHAR(100), Equipment_Status VARCHAR(100), Delivery_ID
VARCHAR(10), Supplier_ID VARCHAR(10), FOREIGN KEY(Delivery_ID)REFERENCES Delivery(Delivery_ID), FOREIGN
KEY(Supplier_ID)REFERENCES Supplier(Supplier_ID), PRIMARY KEY(Equipment_ID,Equipment_Ref_Code),
UNIQUE(Equipment_ID) );
```

SERVICE EQUIPMENT

```sql
CREATE TABLE Service_Equipment ( Service_ID INT NOT NULL, Equipment_ID VARCHAR(20) NOT NULL, PRIMARY KEY
(Service_ID, Equipment_ID), FOREIGN KEY (Service_ID) REFERENCES Service(Service_ID), FOREIGN KEY (Equipment_ID)
REFERENCES Equipment(Equipment_ID) );
```

TRAINING CERTIFICATE EMPLOYEE

```sql
CREATE TABLE TrainingCertificate_Employee ( TC_ID VARCHAR(20) NOT NULL, Employee_ID VARCHAR(15) NOT NULL, PRIMARY
KEY (TC_ID, Employee_ID), FOREIGN KEY (TC_ID) REFERENCES Training_Certificate(TC_ID), FOREIGN KEY (Employee_ID)
REFERENCES Employee(Employee_ID) );
```

TRAINING EMPLOYEE

```sql
CREATE TABLE Training_Employee ( Training_ID VARCHAR(20) NOT NULL, Employee_ID VARCHAR(15) NOT NULL, PRIMARY KEY
(Training_ID, Employee_ID), FOREIGN KEY (Training_ID) REFERENCES Training(Training_ID), FOREIGN KEY (Employee_ID)
REFERENCES Employee(Employee_ID) );
```

TRAINING DEPARTMENT

```sql
CREATE TABLE Training_Department ( Training_ID VARCHAR(20) NOT NULL, Department_ID VARCHAR(10) NOT NULL, PRIMARY KEY
(Training_ID, Department_ID), FOREIGN KEY (Training_ID) REFERENCES Training(Training_ID), FOREIGN KEY
(Department_ID) REFERENCES Department(Department_ID) );
```

TECHNICIAN SERVICE

```
CREATE TABLE Technician_Service ( Technician_ID VARCHAR(15) NOT NULL, Service_ID INT NOT NULL, PRIMARY KEY
(Technician_ID, Service_ID), FOREIGN KEY (Technician_ID) REFERENCES Technician(Technician_ID), FOREIGN KEY
(Service_ID) REFERENCES Service(Service_ID) );
```

DELIVERY STOCK

```
CREATE TABLE Delivery_Stock ( Delivery_ID VARCHAR(10) NOT NULL, Stock_ID VARCHAR(10) NOT NULL, PRIMARY KEY
(Delivery_ID, Stock_ID), FOREIGN KEY (Delivery_ID) REFERENCES Delivery(Delivery_ID), FOREIGN KEY (Stock_ID)
REFERENCES Stock(Stock_ID) );
```

EMERGENCY CONTACT EMPLOYEE

```
CREATE TABLE EmergencyContact_Employee ( EC_ID INT NOT NULL, Employee_ID VARCHAR(15) NOT NULL, PRIMARY KEY (EC_ID,
Employee_ID), FOREIGN KEY (EC_ID) REFERENCES Emergency_Contact(EC_ID), FOREIGN KEY (Employee_ID) REFERENCES
Employee(Employee_ID) );
```

CONTRACT STOCK

```
CREATE TABLE Contract_Stock ( Contract_ID VARCHAR(15) NOT NULL, Stock_ID VARCHAR(10) NOT NULL, PRIMARY KEY
(Contract_ID, Stock_ID), FOREIGN KEY (Contract_ID) REFERENCES Contract(Contract_ID), FOREIGN KEY (Stock_ID)
REFERENCES Stock(Stock_ID) );
```

EMPLOYEE SUPPLIER

```
CREATE TABLE Employee_Supplier ( Employee_ID VARCHAR(15) NOT NULL, Supplier_ID VARCHAR(10) NOT NULL, PRIMARY KEY
(Employee_ID, Supplier_ID), FOREIGN KEY (Employee_ID) REFERENCES Employee(Employee_ID), FOREIGN KEY (Supplier_ID)
REFERENCES Supplier(Supplier_ID) );
```

FEEDBACK PERSON

```
CREATE TABLE Feedback_Person ( Feedback_ID VARCHAR(50) NOT NULL, Person_IC VARCHAR(50) NOT NULL, PRIMARY KEY
(Feedback_ID, Person_IC), FOREIGN KEY (Feedback_ID) REFERENCES Feedback(Feedback_ID), FOREIGN KEY (Person_IC)
REFERENCES Person(Person_IC) );
```

PHOTOCOPIER TECHNICIAN

```
CREATE TABLE Photocopier_Technician ( Photocopier_ID INT NOT NULL, Technician_ID VARCHAR(15) NOT NULL, PRIMARY KEY
(Photocopier_ID, Technician_ID), FOREIGN KEY (Photocopier_ID) REFERENCES Photocopier(Photocopier_ID), FOREIGN KEY
(Technician_ID) REFERENCES Technician(Technician_ID) );
```

EQUIPMENT PAYMENT RECORD

```
CREATE TABLE Equipment_Payment_Record ( Equipment_ID VARCHAR(20)NOT NULL, PR_ID INT NOT NULL, PRIMARY KEY
(Equipment_ID, PR_ID), FOREIGN KEY (Equipment_ID) REFERENCES Equipment(Equipment_ID), FOREIGN KEY (PR_ID) REFERENCES
Payment_Record(PR_ID) );
```

INVOICE STOCK

```
CREATE TABLE Invoice_Stock ( Invoice_ID INT NOT NULL, Stock_ID VARCHAR(10) NOT NULL, PRIMARY KEY (Invoice_ID,
Stock_ID), FOREIGN KEY (Invoice_ID) REFERENCES Invoice(Invoice_ID), FOREIGN KEY (Stock_ID) REFERENCES
Stock(Stock_ID) );
```

INVOICE PIC

```
CREATE TABLE Invoice_PIC ( Invoice_ID INT NOT NULL, PIC_ID VARCHAR(15) NOT NULL, PRIMARY KEY (Invoice_ID, PIC_ID),
FOREIGN KEY (Invoice_ID) REFERENCES Invoice(Invoice_ID), FOREIGN KEY (PIC_ID) REFERENCES PIC(PIC_ID) );
```

STOCK PAYMENT RECORD

```
CREATE TABLE Stock_PaymentRecord ( Stock_ID VARCHAR(10) NOT NULL, PR_ID INT NOT NULL, PRIMARY KEY (Stock_ID, PR_ID),
FOREIGN KEY (Stock_ID) REFERENCES Stock(Stock_ID), FOREIGN KEY (PR_ID) REFERENCES Payment_Record(PR_ID) );
```

TECHNICIAN EQUIPMENT

```
CREATE TABLE Technician_Equipment ( Technician_ID VARCHAR(15) NOT NULL, Equipment_ID VARCHAR(20) NOT NULL, PRIMARY
KEY (Technician_ID, Equipment_ID), FOREIGN KEY (Technician_ID) REFERENCES Technician(Technician_ID), FOREIGN KEY
(Equipment_ID) REFERENCES Equipment(Equipment_ID) );
```

Insert Table

PERSON

```sql
-- Person 1 to 10 (Employees)

INSERT INTO Person VALUES ('9001011111', 'Ahmad Firdaus', 'ahmad_firdaus@email.my', 'Active', 'CRN001');

INSERT INTO Person VALUES ('900202022222', 'Tan Wei Ling', 'tan_wei_ling@email.my', 'Active', 'CRN002');

INSERT INTO Person VALUES ('870303033333', 'Rajesh Kumar', 'rajesh_kumar@email.my', 'Active', 'CRN003');

INSERT INTO Person VALUES ('760404044444', 'Lim Siew Peng', 'lim_siew_peng@email.my', 'Active', 'CRN004');

INSERT INTO Person VALUES ('850505055555', 'Nor Hidayah', 'nor_hidayah@email.my', 'Active', 'CRN005');

INSERT INTO Person VALUES ('820606066666', 'Chan Kok Leong', 'chan_kok_leong@email.my', 'Active', 'CRN006');

INSERT INTO Person VALUES ('780707077777', 'Muthu Samy', 'muthu_samy@email.my', 'Active', 'CRN007');

INSERT INTO Person VALUES ('900808088888', 'Wong Mei Ling', 'wong_mei_ling@email.my', 'Active', 'CRN008');

INSERT INTO Person VALUES ('910909099999', 'Siti Rahimah', 'siti_rahimah@email.my', 'Active', 'CRN009');

INSERT INTO Person VALUES ('800101100000', 'Khor Boon Hock', 'khor_boon_hock@email.my', 'Active', 'CRN010');


-- Person 11 to 20 (Sales Persons)

INSERT INTO Person VALUES ('900101111111', 'Firdaus Ahmad', 'sp01@alliancesales.com', 'Active', 'CRN001');

INSERT INTO Person VALUES ('910202122222', 'Wei Ling Tan', 'sp02@alliancesales.com', 'Active', 'CRN002');

INSERT INTO Person VALUES ('880303133333', 'Kumar Rajesh', 'sp03@alliancesales.com', 'Active', 'CRN003');

INSERT INTO Person VALUES ('950404144444', 'Siew Peng Lim', 'sp04@alliancesales.com', 'Active', 'CRN004');

INSERT INTO Person VALUES ('960505155555', 'Hidayah Nor', 'sp05@alliancesales.com', 'Active', 'CRN005');

INSERT INTO Person VALUES ('870606166666', 'Kok Leong Chan', 'sp06@alliancesales.com', 'Active', 'CRN006');
```

```sql
INSERT INTO Person VALUES ('840707177777', 'Samy Muthu', 'sp07@alliancesales.com', 'Active', 'CRN007');

INSERT INTO Person VALUES ('990808188888', 'Mei Ling Wong', 'sp08@alliancesales.com', 'Active', 'CRN008');

INSERT INTO Person VALUES ('850909199999', 'Rahimah Siti', 'sp09@alliancesales.com', 'Active', 'CRN009');

INSERT INTO Person VALUES ('921010200000', 'Boon Hock Khor', 'sp10@alliancesales.com', 'Active', 'CRN010');


-- Person 21 to 30 (Technicians)
INSERT INTO Person VALUES ('930101211111', 'Azwan Zakaria', 'tech001@allianceservice.com', 'Active', 'CRN001');

INSERT INTO Person VALUES ('910202222222', 'Alia Rahman', 'tech002@allianceservice.com', 'Active', 'CRN002');

INSERT INTO Person VALUES ('880303233333', 'Hafiz Osman', 'tech003@allianceservice.com', 'Active', 'CRN003');

INSERT INTO Person VALUES ('950404244444', 'Nur Aina', 'tech004@allianceservice.com', 'Active', 'CRN004');

INSERT INTO Person VALUES ('960505255555', 'Faizul Karim', 'tech005@allianceservice.com', 'Active', 'CRN005');

INSERT INTO Person VALUES ('870606266666', 'Halim Zain', 'tech006@allianceservice.com', 'Active', 'CRN006');

INSERT INTO Person VALUES ('840707277777', 'Zaki Ibrahim', 'tech007@allianceservice.com', 'Active', 'CRN007');

INSERT INTO Person VALUES ('990808288888', 'Amira Salim', 'tech008@allianceservice.com', 'Active', 'CRN008');

INSERT INTO Person VALUES ('850909299999', 'Amirul Afiq', 'tech009@allianceservice.com', 'Active', 'CRN009');

INSERT INTO Person VALUES ('921010300000', 'Nabilah Zahari', 'tech010@allianceservice.com', 'Active', 'CRN010');
```

SUPPLIER

INSERT INTO Supplier VALUES ('24636730', 'SUFT166', 'Barber-Wu', '(507)459-4847x5943', 'carol49@swanson.com', '08721 Melissa Roads Suite 700, Lake Jenniferborough, MT 33802', 'Local', 'Active', TO_DATE('2023-05-28', 'YYYY-MM-DD'), 3.4);

INSERT INTO Supplier VALUES ('57687653', 'SUCY581', 'Baxter-Olson', '001-358-998-5609x147', 'hullerika@norton-martinez.com', '11385 Harry Fields, South John, AR 37677', 'International', 'Active', TO_DATE('2020-03-11', 'YYYY-MM-DD'), 4.3);

INSERT INTO Supplier VALUES ('62651197', 'SUOJ275', 'Browning Inc', '912.870.7063x083', 'brownolivia@potter-anderson.com', '81111 Austin Manors, West Brendafurt, WI 85111', 'International', 'Active', TO_DATE('2024-07-17', 'YYYY-MM-DD'), 4.8);

INSERT INTO Supplier VALUES ('72174329', 'SUYH117', 'King-Davis', '+1-603-428-2313x7670', 'russodominic@middleton.net', '5511 Cannon Land, Port Edwardmouth, CT 94620', 'Local', 'Active', TO_DATE('2021-02-24', 'YYYY-MM-DD'), 3.9);

INSERT INTO Supplier VALUES ('87073414', 'SUDU683', 'Melton-Brown', '(023)926-0447', 'megan49@jones.org', '7342 Shelton Fork, West Robertland, MS 64240', 'Local', 'Active', TO_DATE('2024-10-15', 'YYYY-MM-DD'), 1.9);

INSERT INTO Supplier VALUES ('75790964', 'SUZL267', 'Douglas, Brown and Bond', '420-352-7297x4626', 'charlenegraves@allen-horne.com', '06234 Williamson Highway Apt. 771, Stevenview, MO 79141', 'International', 'Active', TO_DATE('2021-10-25', 'YYYY-MM-DD'), 4.9);

INSERT INTO Supplier VALUES ('91693353', 'SUJW864', 'Mclean PLC', '+1-064-913-3884x29227', 'jlittle@griffin-ho.info', '1960 Clark Turnpike, South Sabrinaview, NE 04936', 'Local', 'Active', TO_DATE('2022-08-01', 'YYYY-MM-DD'), 2.4);

INSERT INTO Supplier VALUES ('23413118', 'SURA436', 'Weaver, Rush and Mcknight', '001-877-785-0669', 'mooresuzanne@petersen.net', '880 Dominguez Hills, North Susanville, ID 97357', 'International', 'Active', TO_DATE('2022-04-29', 'YYYY-MM-DD'), 4.8);

```
INSERT INTO Supplier VALUES ('79089661', 'SUJC168', 'Brown, Jimenez and Guzman', '+1-995-475-0563',
'charles94@rivera-ross.com', '70648 Brandi Manors Suite 662, West Patrickmouth, SC 81873', 'Local', 'Active',
TO_DATE('2021-06-23', 'YYYY-MM-DD'), 2.4);

INSERT INTO Supplier VALUES ('21880807', 'SUSD765', 'Rivera, Mcdonald and Herrera', '+1-916-106-9979x73176',
'martinezsusan@weber.com', '7804 Smith Viaduct Apt. 890, New Russellshire, NC 68701', 'International', 'Active',
TO_DATE('2023-01-18', 'YYYY-MM-DD'), 4.1);
```

DEPARTMENT

```
SET DEFINE OFF;

INSERT INTO Department (Department_ID, Department_Ref, Department_Name, Department_Vision, Department_Manager,
Department_Email, Department_Office_Number, Department_No_Of_Employees, Department_Floor, Department_Creation_Date,
Department_Mission) VALUES ('DEP001','DEPR001','Sales & Marketing','To be the market leader in office
solutions','Mr. Adam Tan','sales_marketing@company.com','03-12345678',25,5,DATE '2020-03-15','Drive revenue growth
through innovation');

INSERT INTO Department (Department_ID, Department_Ref, Department_Name, Department_Vision, Department_Manager,
Department_Email, Department_Office_Number, Department_No_Of_Employees, Department_Floor, Department_Creation_Date,
Department_Mission) VALUES ('DEP002','DEPR002','Human Resources','Empower and develop our people','Ms. Sarah
Wong','hr@company.com','03-87654321',12,2,DATE '2019-05-10','Foster a positive and inclusive culture');

INSERT INTO Department (Department_ID, Department_Ref, Department_Name, Department_Vision, Department_Manager,
Department_Email, Department_Office_Number, Department_No_Of_Employees, Department_Floor, Department_Creation_Date,
Department_Mission) VALUES ('DEP003','DEPR003','Finance','Ensure financial sustainability and integrity','Mr. Joseph
Lim','finance@company.com','03-13579246',18,4,DATE '2018-01-20','Maintain strong financial management');

INSERT INTO Department (Department_ID, Department_Ref, Department_Name, Department_Vision, Department_Manager,
Department_Email, Department_Office_Number, Department_No_Of_Employees, Department_Floor, Department_Creation_Date,
Department_Mission) VALUES ('DEP004','DEPR004','IT Support','Deliver reliable and innovative IT solutions','Mr.
Raymond Lee','it_support@company.com','03-24681357',15,3,DATE '2021-08-05','Enhance business through technology');
```

```
INSERT INTO Department (Department_ID, Department_Ref, Department_Name, Department_Vision, Department_Manager,
Department_Email, Department_Office_Number, Department_No_Of_Employees, Department_Floor, Department_Creation_Date,
Department_Mission) VALUES ('DEP005','DEPR005','Logistics & Operations','Optimize logistics for timely
deliveries','Ms. Noraini Khalid','logistics@company.com','03-11223344',20,6,DATE '2020-11-25','Ensure seamless
operations and distribution');

INSERT INTO Department (Department_ID, Department_Ref, Department_Name, Department_Vision, Department_Manager,
Department_Email, Department_Office_Number, Department_No_Of_Employees, Department_Floor, Department_Creation_Date,
Department_Mission) VALUES ('DEP006','DEPR006','Customer Service','Provide exceptional customer service','Ms.
Jasmine Teo','customerservice@company.com','03-44332211',22,1,DATE '2019-06-18','Deliver outstanding customer
experience');

INSERT INTO Department (Department_ID, Department_Ref, Department_Name, Department_Vision, Department_Manager,
Department_Email, Department_Office_Number, Department_No_Of_Employees, Department_Floor, Department_Creation_Date,
Department_Mission) VALUES ('DEP007','DEPR007','Procurement','Source quality products at best value','Mr. Faizal
Rahman','procurement@company.com','03-99887766',10,4,DATE '2017-09-12','Maintain strong supplier relationships');

INSERT INTO Department (Department_ID, Department_Ref, Department_Name, Department_Vision, Department_Manager,
Department_Email, Department_Office_Number, Department_No_Of_Employees, Department_Floor, Department_Creation_Date,
Department_Mission) VALUES ('DEP008','DEPR008','R&D','Innovate for the future','Dr. Michelle
Tan','rnd@company.com','03-22334455',8,7,DATE '2021-02-28','Drive product innovation and improvement');

INSERT INTO Department (Department_ID, Department_Ref, Department_Name, Department_Vision, Department_Manager,
Department_Email, Department_Office_Number, Department_No_Of_Employees, Department_Floor, Department_Creation_Date,
Department_Mission) VALUES ('DEP009','DEPR009','Legal','Protect company interests and ensure compliance','Mr. Kelvin
Soo','legal@company.com','03-55667788',6,3,DATE '2016-12-01','Ensure legal compliance');

INSERT INTO Department (Department_ID, Department_Ref, Department_Name, Department_Vision, Department_Manager,
Department_Email, Department_Office_Number, Department_No_Of_Employees, Department_Floor, Department_Creation_Date,
Department_Mission) VALUES ('DEP010','DEPR010','Training & Development','Build employee skills and
competencies','Ms. Farah Zainal','training@company.com','03-66554433',14,2,DATE '2020-07-14','Develop employee
potential');
```

TRAINING

```
SET DEFINE OFF;

INSERT INTO Training VALUES (1001, 'Occupational Safety & Health', 25, 'NIOSH', 'Yes', '3 Days', DATE '2024-03-01',
DATE '2024-03-03', 'Mandatory for site engineers', 1500.00, 'Kuala Lumpur');

INSERT INTO Training VALUES (1002, 'Advanced Excel for Data Analysis', 15, 'ExcelPro Academy', 'No', '2 Days', DATE
'2024-04-15', DATE '2024-04-16', 'Useful for reporting tasks', 850.00, 'Online (Zoom)');

INSERT INTO Training VALUES (1003, 'Project Management Fundamentals', 20, 'PM Institute', 'Yes', '5 Days', DATE
'2024-05-10', DATE '2024-05-14', 'Includes hands-on workshops', 2200.00, 'Penang');

INSERT INTO Training VALUES (1004, 'Basic First Aid & CPR', 30, 'Red Cross Malaysia', 'Yes', '1 Day', DATE '2024-02-
22', DATE '2024-02-22', 'Required for safety team', 300.00, 'Johor Bahru');

INSERT INTO Training VALUES (1005, 'Effective Communication Skills', 18, 'SoftSkills4U', 'No', '2 Days', DATE '2024-
06-05', DATE '2024-06-06', 'Interactive roleplay activities included', 600.00, 'Ipoh');

INSERT INTO Training VALUES (1006, 'Cybersecurity Awareness', 40, 'CyberSec Institute', 'No', '1 Day', DATE '2024-
03-18', DATE '2024-03-18', 'Focus on phishing and email safety', 500.00, 'Online (MS Teams)');

INSERT INTO Training VALUES (1007, 'Leadership Development Program', 12, 'FutureLeaders Academy', 'Yes', '7 Days',
DATE '2024-07-01', DATE '2024-07-07', 'For managerial staff', 3500.00, 'Kota Kinabalu');

INSERT INTO Training VALUES (1008, 'AutoCAD 2D & 3D', 10, 'CADMaster Training', 'Yes', '10 Days', DATE '2024-01-10',
DATE '2024-01-19', 'Includes certification exam', 4200.00, 'Kuala Terengganu');
```

```
INSERT INTO Training VALUES (1009, 'Workplace Ethics & Integrity', 22, 'HR SkillCenter', 'No', '1 Day', DATE '2024-
08-12', DATE '2024-08-12', 'Part of induction program', 200.00, 'Seremban');

INSERT INTO Training VALUES (1010, 'Environmental Sustainability Policy', 16, 'GreenMalaysia', 'Yes', '3 Days', DATE
'2024-09-20', DATE '2024-09-22', 'Covers ISO 14001 basics', 1300.00, 'Shah Alam');

COMMIT;
```

COMPANY

```
INSERT INTO Company (Company_Reference_No, Company_SSM, Company_Tax_No, Company_Name, Company_Email,
Company_Office_Address, Company_Industry, Company_Established_Year, Company_Motto, Company_Owner,
Company_Employee_No) VALUES ('CRN001', 'SSM2023010001', 'TAX2023010001', 'Axis Engineering Solutions',
'info@axiseng.my', '12 Jalan Merdeka, Kuala Lumpur', 'Technology', 2010, 'Precision Through Innovation', 'Ahmad
Firdaus', 120);

INSERT INTO Company (Company_Reference_No, Company_SSM, Company_Tax_No, Company_Name, Company_Email,
Company_Office_Address, Company_Industry, Company_Established_Year, Company_Motto, Company_Owner,
Company_Employee_No) VALUES ('CRN002', 'SSM2023010002', 'TAX2023010002', 'NexaTech Systems Sdn Bhd',
'hello@nexatech.com', '22 Jalan Cyber, Petaling Jaya', 'Technology', 2012, 'Your IT Future, Delivered', 'Tan Wei
Ling', 85);

INSERT INTO Company (Company_Reference_No, Company_SSM, Company_Tax_No, Company_Name, Company_Email,
Company_Office_Address, Company_Industry, Company_Established_Year, Company_Motto, Company_Owner,
Company_Employee_No) VALUES ('CRN003', 'SSM2023010003', 'TAX2023010003', 'Mechline Manufacturing Ltd',
'contact@mechline.com.my', '45 Jalan Industri, Shah Alam', 'Technology', 2008, 'Engineering Trust, Building
Quality', 'Rajesh Kumar', 150);

INSERT INTO Company (Company_Reference_No, Company_SSM, Company_Tax_No, Company_Name, Company_Email,
Company_Office_Address, Company_Industry, Company_Established_Year, Company_Motto, Company_Owner,
Company_Employee_No) VALUES ('CRN004', 'SSM2023010004', 'TAX2023010004', 'Finix Capital Holdings',
```

'support@finixcapital.my', '33 Jalan Tun Razak, Kuala Lumpur', 'Technology', 2005, 'Smart Finance, Stronger Future', 'Lim Siew Peng', 60);

INSERT INTO Company (Company_Reference_No, Company_SSM, Company_Tax_No, Company_Name, Company_Email, Company_Office_Address, Company_Industry, Company_Established_Year, Company_Motto, Company_Owner, Company_Employee_No) VALUES ('CRN005', 'SSM2023010005', 'TAX2023010005', 'PeopleCentric HR Solutions', 'hr@peoplecentric.my', '88 Jalan Perak, Subang Jaya', 'Technology', 2016, 'Empowering Workplaces', 'Nor Hidayah', 40);

INSERT INTO Company (Company_Reference_No, Company_SSM, Company_Tax_No, Company_Name, Company_Email, Company_Office_Address, Company_Industry, Company_Established_Year, Company_Motto, Company_Owner, Company_Employee_No) VALUES ('CRN006', 'SSM2023010006', 'TAX2023010006', 'Stratigo Branding Agency', 'team@stratigo.com.my', '11 Jalan Ampang, Kuala Lumpur', 'Technology', 2013, 'Brands That Speak', 'Chan Kok Leong', 90);

INSERT INTO Company (Company_Reference_No, Company_SSM, Company_Tax_No, Company_Name, Company_Email, Company_Office_Address, Company_Industry, Company_Established_Year, Company_Motto, Company_Owner, Company_Employee_No) VALUES ('CRN007', 'SSM2023010007', 'TAX2023010007', 'GlobalRoute Logistics', 'info@globalroute.my', '19 Jalan Kelana, Klang', 'Technology', 2009, 'Moving Forward Together', 'Muthu Samy', 100);

INSERT INTO Company (Company_Reference_No, Company_SSM, Company_Tax_No, Company_Name, Company_Email, Company_Office_Address, Company_Industry, Company_Established_Year, Company_Motto, Company_Owner, Company_Employee_No) VALUES ('CRN008', 'SSM2023010008', 'TAX2023010008', 'Ascend Quality Consulting', 'services@ascendqa.my', '14 Jalan Teknologi, Cyberjaya', 'Technology', 2018, 'Commitment to Quality', 'Wong Mei Ling', 50);

INSERT INTO Company (Company_Reference_No, Company_SSM, Company_Tax_No, Company_Name, Company_Email, Company_Office_Address, Company_Industry, Company_Established_Year, Company_Motto, Company_Owner, Company_Employee_No) VALUES ('CRN009', 'SSM2023010009', 'TAX2023010009', 'Zenith Client Services', 'connect@zenithcs.my', '7 Jalan Tropika, Bangi', 'Technology', 2017, 'Driving Success Through Service', 'Siti Rahimah', 35);

INSERT INTO Company (Company_Reference_No, Company_SSM, Company_Tax_No, Company_Name, Company_Email, Company_Office_Address, Company_Industry, Company_Established_Year, Company_Motto, Company_Owner,

```
Company_Employee_No) VALUES ('CRN010', 'SSM2023010010', 'TAX2023010010', 'Optivue Admin Solutions',
'info@optivue.my', '5 Jalan Damai, Seremban', 'Technology', 2015, 'Your Office. Simplified.', 'Khor Boon Hock', 25);
```

EMPLOYEE

```
INSERT INTO Employee VALUES ('E01','TIN-9001010001','M','12 Jalan Merdeka, KL','Married',TO_DATE('2021-06-01','YYYY-
MM-DD'),4300.00,33,TO_DATE('1990-01-01','YYYY-MM-DD'),'Full-time','DEP001','9001010111111');

INSERT INTO Employee VALUES ('E02','TIN-9102020002','F','15 Jalan Bukit, Selangor','Married',TO_DATE('2023-01-
20','YYYY-MM-DD'),3600.00,31,TO_DATE('1992-02-02','YYYY-MM-DD'),'Full-time','DEP002','900202022222');

INSERT INTO Employee VALUES ('E03','TIN-8803030003','M','9 Jalan Tun, KL','Married',TO_DATE('2018-04-10','YYYY-MM-
DD'),5800.00,36,TO_DATE('1988-03-03','YYYY-MM-DD'),'Full-time','DEP003','870303033333');

INSERT INTO Employee VALUES ('E04','TIN-9504040004','F','77 Jalan Gombak, KL','Single',TO_DATE('2022-02-15','YYYY-
MM-DD'),4000.00,29,TO_DATE('1995-04-04','YYYY-MM-DD'),'Full-time','DEP004','760404044444');

INSERT INTO Employee VALUES ('E05','TIN-9605050005','M','23 Jalan Tun Razak, KL','Married',TO_DATE('2023-06-
01','YYYY-MM-DD'),3200.00,28,TO_DATE('1996-05-05','YYYY-MM-DD'),'Part-time','DEP005','850505055555');

INSERT INTO Employee VALUES ('E06','TIN-8706060006','M','30 Jalan Ampang, KL','Married',TO_DATE('2020-07-10','YYYY-
MM-DD'),5300.00,37,TO_DATE('1987-06-06','YYYY-MM-DD'),'Full-time','DEP006','820606066666');

INSERT INTO Employee VALUES ('E07','TIN-8407070007','M','16 Jalan Damansara, Selangor','Married',TO_DATE('2016-01-
05','YYYY-MM-DD'),6200.00,40,TO_DATE('1984-07-07','YYYY-MM-DD'),'Full-time','DEP007','780707077777');

INSERT INTO Employee VALUES ('E08','TIN-9908080008','M','19 Jalan Bunga Raya, Melaka','Single',TO_DATE('2023-03-
01','YYYY-MM-DD'),3500.00,25,TO_DATE('1999-08-08','YYYY-MM-DD'),'Part-time','DEP008','900808088888');
```

```
INSERT INTO Employee VALUES ('E09','TIN-8509090009','F','25 Jalan Tebrau, Johor','Married',TO_DATE('2017-06-
15','YYYY-MM-DD'),6000.00,39,TO_DATE('1985-09-09','YYYY-MM-DD'),'Full-time','DEP009','910909099999');

INSERT INTO Employee VALUES ('E10','TIN-9210100010','M','89 Jalan Reko, Kajang','Married',TO_DATE('2022-08-
15','YYYY-MM-DD'),3900.00,32,TO_DATE('1992-10-10','YYYY-MM-DD'),'Full-time','DEP010','800101100000');

INSERT INTO Employee VALUES ('E11','TIN-9301010011','M','1 Taman Selesa, KL','Married',TO_DATE('2019-01-10','YYYY-
MM-DD'),4200.00,31,TO_DATE('1993-01-01','YYYY-MM-DD'),'Full-time','DEP001','900101111111');

INSERT INTO Employee VALUES ('E12','TIN-9102020012','F','2 Lorong Damai, Sabah','Married',TO_DATE('2021-03-
05','YYYY-MM-DD'),3800.00,33,TO_DATE('1991-02-02','YYYY-MM-DD'),'Full-time','DEP001','910202122222');

INSERT INTO Employee VALUES ('E13','TIN-8803030013','M','3 Jalan Indah, Selangor','Married',TO_DATE('2015-04-
20','YYYY-MM-DD'),4900.00,36,TO_DATE('1988-03-03','YYYY-MM-DD'),'Full-time','DEP002','880303133333');

INSERT INTO Employee VALUES ('E14','TIN-9504040014','F','4 Jalan Tenang, KL','Married',TO_DATE('2022-01-12','YYYY-
MM-DD'),3500.00,29,TO_DATE('1995-04-04','YYYY-MM-DD'),'Full-time','DEP003','950404144444');

INSERT INTO Employee VALUES ('E15','TIN-9605050015','M','5 Jalan Bahagia, Sarawak','Single',TO_DATE('2013-07-
01','YYYY-MM-DD'),5000.00,28,TO_DATE('1996-05-05','YYYY-MM-DD'),'Full-time','DEP004','960505155555');

INSERT INTO Employee VALUES ('E16','TIN-8706060016','M','6 Jalan Mawar, KL','Married',TO_DATE('2020-08-01','YYYY-MM-
DD'),4100.00,37,TO_DATE('1987-06-06','YYYY-MM-DD'),'Full-time','DEP005','870606166666');

INSERT INTO Employee VALUES ('E17','TIN-8407070017','M','7 Jalan Setia, Johor','Married',TO_DATE('2016-03-22','YYYY-
MM-DD'),5200.00,40,TO_DATE('1984-07-07','YYYY-MM-DD'),'Full-time','DEP006','840707177777');

INSERT INTO Employee VALUES ('E18','TIN-9908080018','F','8 Jalan Wawasan, Sabah','Single',TO_DATE('2023-04-
10','YYYY-MM-DD'),3300.00,25,TO_DATE('1999-08-08','YYYY-MM-DD'),'Part-time','DEP007','990808188888');

INSERT INTO Employee VALUES ('E19','TIN-8509090019','M','9 Jalan Murni, Selangor','Married',TO_DATE('2017-08-
01','YYYY-MM-DD'),5500.00,39,TO_DATE('1985-09-09','YYYY-MM-DD'),'Full-time','DEP008','850909199999');

INSERT INTO Employee VALUES ('E20','TIN-9210100020','M','10 Jalan Aman, KL','Married',TO_DATE('2020-09-01','YYYY-MM-
DD'),4000.00,32,TO_DATE('1992-10-10','YYYY-MM-DD'),'Full-time','DEP009','921010200000');
```

LEAVE FORM

INSERT INTO Leave_Form (Leave_Form_ID, Leave_Form_Ref_Code, LF_Leave_Type, LF_Start_Date, LF_End_Date, LF_Duration, LF_Reason, LF_Submission_Date, LF_Approval_Date, LF_Approver_Name, LF_Remarks, Department_ID, Employee_ID) VALUES ('LF001', 'REF-LF-2023-001', 'Annual', DATE '2023-12-01', DATE '2023-12-05', 5, 'Family vacation', DATE '2023-11-15', DATE '2023-11-16', 'Farah Zainal', 'Approved without issue', 'DEP001', 'E01');

INSERT INTO Leave_Form VALUES ('LF002', 'REF-LF-2023-002', 'Sick', DATE '2023-10-12', DATE '2023-10-14', 3, 'Fever and flu', DATE '2023-10-11', DATE '2023-10-12', 'Hafizul Jamal', 'Medical certificate attached', 'DEP002', 'E02');

INSERT INTO Leave_Form VALUES ('LF003', 'REF-LF-2023-003', 'Unpaid', DATE '2023-09-18', DATE '2023-09-22', 5, 'Personal matters', DATE '2023-09-01', DATE '2023-09-03', 'Nurul Shafiqa', 'No salary deduction noted', 'DEP003', 'E03');

INSERT INTO Leave_Form VALUES ('LF004', 'REF-LF-2023-004', 'Emergency', DATE '2023-11-02', DATE '2023-11-03', 2, 'Family emergency', DATE '2023-11-01', DATE '2023-11-02', 'Adam Khairuddin', 'Leave granted immediately', 'DEP004', 'E04');

INSERT INTO Leave_Form VALUES ('LF005', 'REF-LF-2023-005', 'Maternity', DATE '2023-07-01', DATE '2023-09-30', 92, 'Maternity leave', DATE '2023-06-15', DATE '2023-06-20', 'Diana Abdul Razak', 'Standard maternity approval', 'DEP005', 'E05');

INSERT INTO Leave_Form VALUES ('LF006', 'REF-LF-2023-006', 'Annual', DATE '2023-08-10', DATE '2023-08-14', 5, 'Travel', DATE '2023-07-20', DATE '2023-07-21', 'Roslan Ibrahim', 'Backup assigned', 'DEP006', 'E06');

INSERT INTO Leave_Form VALUES ('LF007', 'REF-LF-2023-007', 'Sick', DATE '2023-06-05', DATE '2023-06-06', 2, 'Migraine', DATE '2023-06-04', DATE '2023-06-05', 'Anisah Mohamad', 'Certificate provided', 'DEP007', 'E07');

INSERT INTO Leave_Form VALUES ('LF008', 'REF-LF-2023-008', 'Emergency', DATE '2023-10-20', DATE '2023-10-21', 2, 'House flooding', DATE '2023-10-19', DATE '2023-10-19', 'Faizal Zahari', 'Emergency leave approved', 'DEP008', 'E08');

INSERT INTO Leave_Form VALUES ('LF009', 'REF-LF-2023-009', 'Annual', DATE '2023-12-20', DATE '2023-12-29', 10, 'Year-end family trip', DATE '2023-11-25', DATE '2023-11-26', 'Zainab Ramli', 'Long leave request granted', 'DEP009', 'E09');

INSERT INTO Leave_Form VALUES ('LF010', 'REF-LF-2023-010', 'Sick', DATE '2023-05-11', DATE '2023-05-13', 3, 'Dengue recovery', DATE '2023-05-10', DATE '2023-05-10', 'Khalid Noor', 'Hospitalization leave', 'DEP010', 'E10');

SALES PERSON

INSERT INTO Sales_Person VALUES ('SP01', 'REF-SP-MY-2023-001', 3, 'English,Malay,Mandarin', 'Y', 150000.00, 420500.00, 5.25, TO_DATE('2023-06-15','YYYY-MM-DD'), 'Advanced', 'E11');

INSERT INTO Sales_Person VALUES ('SP02', 'REF-SP-MY-2023-002', 1, 'English,Malay', 'Y', 75000.00, 185300.00, 3.50, TO_DATE('2023-11-20','YYYY-MM-DD'), 'Basic', 'E12');

INSERT INTO Sales_Person VALUES ('SP03', 'REF-SP-MY-2023-003', 5, 'English,Tamil', 'Y', 200000.00, 725800.00, 7.80, TO_DATE('2023-03-10','YYYY-MM-DD'), 'Expert', 'E13');

INSERT INTO Sales_Person VALUES ('SP04', 'REF-SP-MY-2023-004', 2, 'English,Cantonese,Malay', 'Y', 125000.00, 310200.00, 4.75, TO_DATE('2023-09-05','YYYY-MM-DD'), 'Intermediate', 'E14');

INSERT INTO Sales_Person VALUES ('SP05', 'REF-SP-MY-2023-005', 1, 'Malay', 'Y', 50000.00, 0.00, 2.00, TO_DATE('2023-09-05','YYYY-MM-DD'), 'Basic', 'E15');

INSERT INTO Sales_Person VALUES ('SP06', 'REF-SP-MY-2023-006', 4, 'English,Malay,Hokkien', 'Y', 180000.00, 580400.00, 6.50, TO_DATE('2023-07-22','YYYY-MM-DD'), 'Advanced', 'E16');

INSERT INTO Sales_Person VALUES ('SP07', 'REF-SP-MY-2023-007', 7, 'English,Mandarin', 'Y', 250000.00, 920750.00, 9.25, TO_DATE('2023-01-18','YYYY-MM-DD'), 'Expert', 'E17');

INSERT INTO Sales_Person VALUES ('SP08', 'REF-SP-MY-2023-008', 1, 'English', 'Y', 80000.00, 195600.00, 3.75, TO_DATE('2023-10-30','YYYY-MM-DD'), 'Intermediate', 'E18');

```
INSERT INTO Sales_Person VALUES ('SP09', 'REF-SP-MY-2023-009', 6, 'Malay,Mandarin', 'Y', 220000.00, 810300.00, 8.50,
TO_DATE('2023-04-12','YYYY-MM-DD'), 'Advanced', 'E19');

INSERT INTO Sales_Person VALUES ('SP10', 'REF-SP-MY-2023-010', 2, 'English,Malay,Tamil', 'Y', 100000.00, 275900.00,
4.25, TO_DATE('2023-08-08','YYYY-MM-DD'), 'Advanced', 'E20');
```

PIC

```
INSERT INTO PIC VALUES ('PIC001','REF2023-001','Operations Manager',TO_DATE('2020-05-15','YYYY-MM-DD'),'Project
Lead','ahmad_firdaus@email.my','Operations','+60123456789','Malay','Malaysian','SP01','CRN001','930101211111');
INSERT INTO PIC VALUES ('PIC002','REF2023-002','IT Supervisor',TO_DATE('2019-11-22','YYYY-MM-DD'),'System
Admin','tan_wei_ling@email.my','IT','+60198765432','Chinese','Malaysian','SP02','CRN002','910202222222'); INSERT
INTO PIC VALUES ('PIC003','REF2023-003','Senior Engineer',TO_DATE('2021-03-10','YYYY-MM-DD'),'Technical
Lead','rajesh_kumar@email.my','Engineering','+60111222333','Malay','Malaysian','SP03','CRN003','880303233333');
INSERT INTO PIC VALUES ('PIC004','REF2023-004','Finance Director',TO_DATE('2018-07-05','YYYY-MM-DD'),'Financial
Control','lim_siew_peng@email.my','Finance','+60133444555','Malay','Malaysian','SP04','CRN004','950404244444');
INSERT INTO PIC VALUES ('PIC005','REF2023-005','HR Manager',TO_DATE('2022-01-30','YYYY-MM-
DD'),'Recruitment','nor_hidayah@email.my','Human
Resources','+60155666777','Malay','Malaysian','SP05','CRN005','960505255555'); INSERT INTO PIC VALUES
('PIC006','REF2023-006','Marketing Head',TO_DATE('2020-09-18','YYYY-MM-DD'),'Brand
Strategy','chan_kok_leong@email.my','Marketing','+60177888999','Malay','Malaysian','SP06','CRN006','870606266666');
INSERT INTO PIC VALUES ('PIC007','REF2023-007','Logistics Manager',TO_DATE('2021-12-01','YYYY-MM-DD'),'Supply
Chain','muthu_samy@email.my','Logistics','+60199000111','Malay','Malaysian','SP07','CRN007','840707277777'); INSERT
INTO PIC VALUES ('PIC008','REF2023-008','QA Specialist',TO_DATE('2022-06-25','YYYY-MM-DD'),'Product
Testing','wong_mei_ling@email.my','Quality','+60122333444','Malay','Malaysian','SP08','CRN008','990808288888');
INSERT INTO PIC VALUES ('PIC009','REF2023-009','Sales Executive',TO_DATE('2023-02-14','YYYY-MM-DD'),'Client
Relations','siti_rahimah@email.my','Sales','+60144555666','Malay','Malaysian','SP09','CRN009','850909299999');
INSERT INTO PIC VALUES ('PIC010','REF2023-010','Admin Coordinator',TO_DATE('2021-08-09','YYYY-MM-DD'),'Office
Management','khor_boon_hock@email.my','Administration','+60166777888','Malay','Malaysian','SP10','CRN010','921010300
000');
```

PIC_Visit

INSERT INTO PIC_Visit VALUES ('PV001', TO_TIMESTAMP('2025-06-01 09:00:00', 'YYYY-MM-DD HH24:MI:SS'), TO_DATE('2025-06-01', 'YYYY-MM-DD'), '60', 'Kuala Lumpur Branch', 'John Tan, Alice Wong', 'Client satisfied, next order in July', 'Yes', 'Yes', '120.00', 'PIC001', 'SP01');

INSERT INTO PIC_Visit VALUES ('PV002', TO_TIMESTAMP('2025-06-02 10:30:00', 'YYYY-MM-DD HH24:MI:SS'), TO_DATE('2025-06-02', 'YYYY-MM-DD'), '45', 'Penang Office', 'Ahmad Zulkifli', 'Inquiry about new product range', 'No', 'No', '95.00', 'PIC002', 'SP02');

INSERT INTO PIC_Visit VALUES ('PV003', TO_TIMESTAMP('2025-06-03 14:00:00', 'YYYY-MM-DD HH24:MI:SS'), TO_DATE('2025-06-03', 'YYYY-MM-DD'), '90', 'Johor Bahru HQ', 'Michael Lim, Noraini', 'Discussed service improvements', 'Yes', 'Yes', '180.00', 'PIC003', 'SP03');

INSERT INTO PIC_Visit VALUES ('PV004', TO_TIMESTAMP('2025-06-04 11:15:00', 'YYYY-MM-DD HH24:MI:SS'), TO_DATE('2025-06-04', 'YYYY-MM-DD'), '60', 'Ipoh Regional Office', 'Chong Wei, Tan Mei Lin', 'Positive feedback, requested brochure', 'No', 'Yes', '110.00', 'PIC004', 'SP04');

INSERT INTO PIC_Visit VALUES ('PV005', TO_TIMESTAMP('2025-06-05 13:30:00', 'YYYY-MM-DD HH24:MI:SS'), TO_DATE('2025-06-05', 'YYYY-MM-DD'), '75', 'Seremban Office', 'Razali Osman', 'Discussed training session needs', 'Yes', 'No', '135.00', 'PIC005', 'SP05');

INSERT INTO PIC_Visit VALUES ('PV006', TO_TIMESTAMP('2025-06-06 09:00:00', 'YYYY-MM-DD HH24:MI:SS'), TO_DATE('2025-06-06', 'YYYY-MM-DD'), '50', 'Shah Alam HQ', 'Nur Aisyah, Hanif', 'Complaint resolved, happy customer', 'No', 'Yes', '90.00', 'PIC006', 'SP06');

INSERT INTO PIC_Visit VALUES ('PV007', TO_TIMESTAMP('2025-06-07 15:00:00', 'YYYY-MM-DD HH24:MI:SS'), TO_DATE('2025-06-07', 'YYYY-MM-DD'), '80', 'Melaka Branch', 'Siti Zubaidah, Firdaus', 'Ordered new batch of photocopiers', 'Yes', 'Yes', '150.00', 'PIC007', 'SP07');

INSERT INTO PIC_Visit VALUES ('PV008', TO_TIMESTAMP('2025-06-08 14:45:00', 'YYYY-MM-DD HH24:MI:SS'), TO_DATE('2025-06-08', 'YYYY-MM-DD'), '60', 'Kota Bharu Office', 'Haslina Mokhtar', 'General catch-up visit', 'No', 'No', '160.00', 'PIC008', 'SP08');

INSERT INTO PIC_Visit VALUES ('PV009', TO_TIMESTAMP('2025-06-09 10:15:00', 'YYYY-MM-DD HH24:MI:SS'), TO_DATE('2025-06-09', 'YYYY-MM-DD'), '70', 'Alor Setar Regional', 'Teo Swee Ping, Tan Ai Ling', 'Warranty extension request', 'Yes', 'Yes', '200.00', 'PIC009', 'SP09');

INSERT INTO PIC_Visit VALUES ('PV010', TO_TIMESTAMP('2025-06-10 16:00:00', 'YYYY-MM-DD HH24:MI:SS'), TO_DATE('2025-06-10', 'YYYY-MM-DD'), '90', 'Kuala Terengganu Branch', 'Roslan Mahmood, Julia Hamzah', 'Training session feedback collected', 'No', 'Yes', '170.00', 'PIC010', 'SP10');

CONTRACT

INSERT INTO Contract (Contract_ID, Contract_Ref_Code, Contract_Start_Date, Contract_End_Date, Contract_Agreement_Type, Contract_Service_Level, Contract_Work_Scope, Contract_Total_Value, Contract_Status, Contract_Payment_Term, Sales_Person_ID, Company_Reference_No, PIC_ID) VALUES ('C001', 'REF-CON-2023-001', DATE '2024-01-01', DATE '2025-01-01', 'Tender', 'Monthly', 'Full-service copier leasing for regional offices', 158000.00, 'Active', 'Monthly', 'SP01', 'CRN001', 'PIC001');

INSERT INTO Contract VALUES ('C002', 'REF-CON-2023-002', DATE '2023-07-15', DATE '2024-07-14', 'Tender', 'Quarterly', 'Toner supply and service support', 45600.00, 'Active', 'Net 15', 'SP02', 'CRN002', 'PIC002');

INSERT INTO Contract VALUES ('C003', 'REF-CON-2023-003', DATE '2024-03-01', DATE '2025-03-01', 'Tender', 'Annual', 'Equipment installation and training', 94500.00, 'Active', 'Monthly', 'SP03', 'CRN003', 'PIC003');

INSERT INTO Contract VALUES ('C004', 'REF-CON-2023-004', DATE '2023-11-05', DATE '2024-11-04', 'Tender', 'Monthly', '24/7 copier maintenance for educational institutions', 113000.00, 'Active', 'Net 15', 'SP04', 'CRN004', 'PIC004');

```sql
INSERT INTO Contract VALUES ('C005', 'REF-CON-2023-005', DATE '2022-06-10', DATE '2023-06-10', 'Tender',
'Quarterly', 'Government agency leasing support', 74000.00, 'Active', 'Monthly', 'SP05', 'CRN005', 'PIC005');

INSERT INTO Contract VALUES ('C006', 'REF-CON-2023-006', DATE '2023-02-15', DATE '2024-02-14', 'Tender', 'Annual',
'Copier relocation and technical optimization', 128500.00, 'Active', 'Monthly', 'SP06', 'CRN006', 'PIC006');

INSERT INTO Contract VALUES ('C007', 'REF-CON-2023-007', DATE '2024-05-01', DATE '2025-05-01', 'Tender', 'Monthly',
'Installation of 15 multifunction printers', 189700.00, 'Active', 'Net 15', 'SP07', 'CRN007', 'PIC007');

INSERT INTO Contract VALUES ('C008', 'REF-CON-2023-008', DATE '2023-10-20', DATE '2024-10-19', 'Tender',
'Quarterly', 'Full lease and service contract for Eastern branch', 155000.00, 'Active', 'Monthly', 'SP08', 'CRN008',
'PIC008');

INSERT INTO Contract VALUES ('C009', 'REF-CON-2023-009', DATE '2023-03-10', DATE '2024-03-10', 'Tender', 'Monthly',
'Smart printing tech upgrade', 120000.00, 'Active', 'Monthly', 'SP09', 'CRN009', 'PIC009');

INSERT INTO Contract VALUES ('C010', 'REF-CON-2023-010', DATE '2024-06-18', DATE '2025-06-18', 'Tender', 'Monthly',
'IT asset printing and maintenance coverage', 198700.00, 'Active', 'Net 15', 'SP10', 'CRN010', 'PIC010');

INSERT INTO Contract VALUES ('C011', 'REF-CON-2023-011', DATE '2023-03-06', DATE '2024-03-06', 'Direct Purchase',
'Monthly', 'Copier unit purchase and install', 67500.00, 'Active', 'Monthly', 'SP01', 'CRN001', 'PIC001');

INSERT INTO Contract VALUES ('C012', 'REF-CON-2023-012', DATE '2022-09-19', DATE '2023-09-19', 'Direct Purchase',
'Quarterly', 'Toner and paper bundle purchase', 22900.00, 'Active', 'Net 15', 'SP02', 'CRN002', 'PIC002');

INSERT INTO Contract VALUES ('C013', 'REF-CON-2023-013', DATE '2024-04-05', DATE '2025-04-05', 'Direct Purchase',
'Annual', 'Upgrade of office printing network', 85600.00, 'Active', 'Monthly', 'SP03', 'CRN003', 'PIC003');

INSERT INTO Contract VALUES ('C014', 'REF-CON-2023-014', DATE '2024-10-14', DATE '2025-10-14', 'Direct Purchase',
'Monthly', 'Replacement parts and ink delivery', 30900.00, 'Active', 'Monthly', 'SP04', 'CRN004', 'PIC004');

INSERT INTO Contract VALUES ('C015', 'REF-CON-2023-015', DATE '2023-08-06', DATE '2024-08-06', 'Direct Purchase',
'Quarterly', 'Express delivery and tech support', 49750.00, 'Active', 'Net 15', 'SP05', 'CRN005', 'PIC005');
```

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INSERT INTO Contract VALUES ('C016', 'REF-CON-2023-016', DATE '2023-07-17', DATE '2024-07-17', 'Direct Purchase',
'Monthly', 'Print management system deployment', 134500.00, 'Active', 'Monthly', 'SP06', 'CRN006', 'PIC006');

INSERT INTO Contract VALUES ('C017', 'REF-CON-2023-017', DATE '2021-09-05', DATE '2022-09-05', 'Direct Purchase',
'Annual', 'End-of-life copier replacement', 90200.00, 'Active', 'Net 15', 'SP07', 'CRN007', 'PIC007');

INSERT INTO Contract VALUES ('C018', 'REF-CON-2023-018', DATE '2022-01-21', DATE '2023-01-21', 'Direct Purchase',
'Monthly', 'On-site installation of scanning equipment', 73450.00, 'Active', 'Monthly', 'SP08', 'CRN008', 'PIC008');

INSERT INTO Contract VALUES ('C019', 'REF-CON-2023-019', DATE '2021-02-03', DATE '2022-02-03', 'Direct Purchase',
'Quarterly', 'Consumable purchase for HQ printing center', 22800.00, 'Active', 'Net 15', 'SP09', 'CRN009',
'PIC009');

INSERT INTO Contract VALUES ('C020', 'REF-CON-2023-020', DATE '2023-08-04', DATE '2024-08-04', 'Direct Purchase',
'Annual', 'Large format printer acquisition', 113600.00, 'Active', 'Monthly', 'SP10', 'CRN010', 'PIC010');
```

DIRECT PURCHASE

```
INSERT INTO Direct_Purchase VALUES (38623129, 'DP-TW855', 'Q-43037', DATE '2024-03-06', DATE '2025-04-03',
TO_DATE('07:16:18', 'HH24:MI:SS'), 'Pending', 'Critical', 'System prevent deep seem much animal.', 'When box
actually message deal reality.', 'C001');

INSERT INTO Direct_Purchase VALUES (71694096, 'DP-FB232', 'Q-53941', DATE '2022-09-19', DATE '2025-01-07',
TO_DATE('01:06:34', 'HH24:MI:SS'), 'Rejected', 'Critical', 'Successful parent will or hold.', 'Instead role table
get so.', 'C002');

INSERT INTO Direct_Purchase VALUES (16525324, 'DP-HJ216', 'Q-36157', DATE '2024-04-05', DATE '2025-06-19',
TO_DATE('17:54:47', 'HH24:MI:SS'), 'Completed', 'High', 'Against poor Democrat new whose couple.', 'Point along
north stage.', 'C003');
```

```
INSERT INTO Direct_Purchase VALUES (41230148, 'DP-HF137', 'Q-80277', DATE '2024-10-14', DATE '2025-01-02',
TO_DATE('15:17:59', 'HH24:MI:SS'), 'Pending', 'Critical', 'Certainly task visit ball figure act.', 'Consumer series
report in state happy.', 'C004');

INSERT INTO Direct_Purchase VALUES (40375698, 'DP-WX457', 'Q-9393', DATE '2023-08-06', DATE '2025-06-17',
TO_DATE('23:54:54', 'HH24:MI:SS'), 'Completed', 'High', 'Three recently among likely painting leader.', 'Country
imagine hope suffer decade cost response coach.', 'C005');

INSERT INTO Direct_Purchase VALUES (66021792, 'DP-XI509', 'Q-71672', DATE '2023-07-17', DATE '2025-02-16',
TO_DATE('19:40:33', 'HH24:MI:SS'), 'Approved', 'Critical', 'Ground add economic will.', 'Measure foot simply.',
'C006');

INSERT INTO Direct_Purchase VALUES (20145531, 'DP-AK522', 'Q-95637', DATE '2021-09-05', DATE '2025-02-06',
TO_DATE('23:00:14', 'HH24:MI:SS'), 'Completed', 'Critical', 'Large property president week chance theory.', 'Quality
set affect travel buy yourself change.', 'C007');

INSERT INTO Direct_Purchase VALUES (91227664, 'DP-XL471', 'Q-31435', DATE '2022-01-21', DATE '2025-03-24',
TO_DATE('19:36:17', 'HH24:MI:SS'), 'Approved', 'High', 'Memory produce right learn.', 'Summer say spring season
young page become.', 'C008');

INSERT INTO Direct_Purchase VALUES (55095214, 'DP-BC143', 'Q-30198', DATE '2021-02-03', DATE '2025-06-12',
TO_DATE('20:04:59', 'HH24:MI:SS'), 'Rejected', 'High', 'Fall green firm.', 'Hotel among society voice too.',
'C009');

INSERT INTO Direct_Purchase VALUES (25280459, 'DP-IU258', 'Q-19784', DATE '2023-08-04', DATE '2025-04-16',
TO_DATE('04:10:12', 'HH24:MI:SS'), 'Completed', 'Critical', 'Something catch real.', 'Everybody year half inside.',
'C010');
```

TENDER

INSERT INTO Tender VALUES (37635003, 'TD-RC471', DATE '2020-02-02', 'Teresa Mueller', DATE '2025-04-19', DATE '2025-01-22', 'Huerta-Mcgee', 'Approved', 0, 'Open', 3653.72, 'C011');

INSERT INTO Tender VALUES (46638688, 'TD-QR791', DATE '2021-11-29', 'Courtney Mccarthy', DATE '2025-06-06', DATE '2025-05-10', 'Ramsey PLC', 'Completed', 1, 'Selective', 2116.17, 'C012');

INSERT INTO Tender VALUES (23376868, 'TD-ML917', DATE '2024-04-24', 'Tammy Oliver', DATE '2025-02-20', DATE '2025-03-28', 'Henderson Ltd', 'Approved', 0, 'Negotiated', 6379.66, 'C013');

INSERT INTO Tender VALUES (10100024, 'TD-HT112', DATE '2022-08-16', 'Emily Fuller', DATE '2025-05-02', DATE '2025-03-01', 'Ford LLC', 'Completed', 1, 'Negotiated', 7225.62, 'C014');

INSERT INTO Tender VALUES (50763701, 'TD-JH603', DATE '2021-04-29', 'Caitlin Lopez', DATE '2025-03-24', DATE '2025-05-08', 'Meadows Ltd', 'Completed', 0, 'Selective', 3148.58, 'C015');

INSERT INTO Tender VALUES (10492639, 'TD-WU754', DATE '2024-06-03', 'Heidi Saunders', DATE '2025-06-06', DATE '2025-02-03', 'Robinson-Nixon', 'Completed', 0, 'Open', 1336.18, 'C016');

INSERT INTO Tender VALUES (20001777, 'TD-VI817', DATE '2020-12-16', 'Scott Smith', DATE '2025-06-01', DATE '2025-03-27', 'Powers-Myers', 'Rejected', 0, 'Open', 9883.19, 'C017');

INSERT INTO Tender VALUES (24743371, 'TD-UV385', DATE '2023-11-03', 'Tiffany Stevenson', DATE '2025-06-19', DATE '2025-06-09', 'Goodman Ltd', 'Rejected', 0, 'Negotiated', 3290.31, 'C018');

INSERT INTO Tender VALUES (95748442, 'TD-UU336', DATE '2022-01-12', 'Andrew Aguirre', DATE '2025-04-09', DATE '2025-02-23', 'Collins PLC', 'Approved', 0, 'Negotiated', 1060.37, 'C019');

INSERT INTO Tender VALUES (25785481, 'TD-VG940', DATE '2020-06-30', 'Sean Norton', DATE '2025-01-01', DATE '2025-02-13', 'Wilson, Ward and Bailey', 'Approved', 1, 'Selective', 5990.83, 'C020');

STOCK

```
INSERT INTO Stock VALUES ('S001', 'A01', 'New', 'Main Warehouse', TO_DATE('2025-06-01', 'YYYY-MM-DD'), '24636730');
INSERT INTO Stock VALUES ('S002', 'A02', 'New', 'Warehouse 2', TO_DATE('2025-05-28', 'YYYY-MM-DD'), '57687653');
INSERT INTO Stock VALUES ('S003', 'B01', 'New', 'Main Warehouse', TO_DATE('2025-06-05', 'YYYY-MM-DD'), '62651197');
INSERT INTO Stock VALUES ('S004', 'B02', 'Used', 'Warehouse 3', TO_DATE('2025-06-02', 'YYYY-MM-DD'), '72174329');
INSERT INTO Stock VALUES ('S005', 'C01', 'New', 'Warehouse 2', TO_DATE('2025-06-07', 'YYYY-MM-DD'), '87073414');
INSERT INTO Stock VALUES ('S006', 'C02', 'New', 'Main Warehouse', TO_DATE('2025-06-10', 'YYYY-MM-DD'), '75790964');
INSERT INTO Stock VALUES ('S007', 'D01', 'New', 'Warehouse 3', TO_DATE('2025-06-03', 'YYYY-MM-DD'), '91693353');
INSERT INTO Stock VALUES ('S008', 'D02', 'New', 'Warehouse 2', TO_DATE('2025-06-09', 'YYYY-MM-DD'), '23413118');
INSERT INTO Stock VALUES ('S009', 'E01', 'New', 'Main Warehouse', TO_DATE('2025-06-12', 'YYYY-MM-DD'), '79089661');
INSERT INTO Stock VALUES ('S010', 'E02', 'New', 'Warehouse 1', TO_DATE('2025-06-04', 'YYYY-MM-DD'), '21880807');

INSERT INTO Stock VALUES ('S011', 'F01', 'New', 'Main Warehouse', TO_DATE('2025-06-06', 'YYYY-MM-DD'), '24636730');
INSERT INTO Stock VALUES ('S012', 'F02', 'New', 'Warehouse 3', TO_DATE('2025-06-08', 'YYYY-MM-DD'), '57687653');
INSERT INTO Stock VALUES ('S013', 'G01', 'New', 'Warehouse 2', TO_DATE('2025-06-11', 'YYYY-MM-DD'), '62651197');
INSERT INTO Stock VALUES ('S014', 'G02', 'New', 'Main Warehouse', TO_DATE('2025-06-05', 'YYYY-MM-DD'), '72174329');
INSERT INTO Stock VALUES ('S015', 'H01', 'New', 'Warehouse 3', TO_DATE('2025-06-02', 'YYYY-MM-DD'), '87073414');
INSERT INTO Stock VALUES ('S016', 'H02', 'New', 'Warehouse 2', TO_DATE('2025-06-09', 'YYYY-MM-DD'), '75790964');
INSERT INTO Stock VALUES ('S017', 'I01', 'New', 'Main Warehouse', TO_DATE('2025-06-13', 'YYYY-MM-DD'), '91693353');
INSERT INTO Stock VALUES ('S018', 'I02', 'New', 'Warehouse 1', TO_DATE('2025-06-07', 'YYYY-MM-DD'), '23413118');
INSERT INTO Stock VALUES ('S019', 'J01', 'Ne', 'Main Warehouse', TO_DATE('2025-06-10', 'YYYY-MM-DD'), '79089661');
INSERT INTO Stock VALUES ('S020', 'J02', 'New', 'Warehouse 3', TO_DATE('2025-06-08', 'YYYY-MM-DD'), '21880807');
```

PHOTOCOPIER

```
INSERT INTO Photocopier VALUES (1001, 'M1001', 'Ricoh Aficio MP 201', 'Ricoh', '3 Years', 'Received', '20 ppm', 'A4,
A3', 'Print, Copy, Scan', 'Laser', 'S001'); INSERT INTO Photocopier VALUES (1002, 'M1002', 'Ricoh IM C3000',
'Ricoh', '2 Years', 'Pending', '30 ppm', 'A4, A3, Legal', 'Print, Copy, Scan, Fax', 'Laser', 'S002'); INSERT INTO
Photocopier VALUES (1003, 'M1003', 'Ricoh MP C4504ex', 'Ricoh', '3 Years', 'Received', '45 ppm', 'A4, A3, Legal',
'Print, Copy, Scan', 'Laser', 'S003'); INSERT INTO Photocopier VALUES (1004, 'M1004', 'Ricoh MP 3055', 'Ricoh', '2
Years', 'Received', '30 ppm', 'A4, A3', 'Print, Copy', 'Laser', 'S004'); INSERT INTO Photocopier VALUES (1005,
'M1005', 'Ricoh SP 3710DN', 'Ricoh', '1 Year', 'Received', '32 ppm', 'A4, A5', 'Print only', 'Laser', 'S005');
INSERT INTO Photocopier VALUES (1006, 'M1006', 'Ricoh IM 6000', 'Ricoh', '3 Years', 'Pending', '60 ppm', 'A4, A3',
'Print, Copy, Scan', 'Laser', 'S006'); INSERT INTO Photocopier VALUES (1007, 'M1007', 'Ricoh MP C3003', 'Ricoh', '2
Years', 'Received', '30 ppm', 'A4, A3, Legal', 'Print, Copy, Scan, Fax', 'Laser', 'S007'); INSERT INTO Photocopier
VALUES (1008, 'M1008', 'Ricoh SP C840DN', 'Ricoh', '2 Years', 'Received', '45 ppm', 'A4, A5', 'Print only', 'Laser',
'S008'); INSERT INTO Photocopier VALUES (1009, 'M1009', 'Ricoh IM C2000', 'Ricoh', '3 Years', 'Received', '20 ppm',
'A4, A3', 'Print, Copy, Scan', 'Laser', 'S009'); INSERT INTO Photocopier VALUES (1010, 'M1010', 'Ricoh IM C400SRF',
'Ricoh', '3 Years', 'Pending', '40 ppm', 'A4, A3, Legal', 'Print, Copy, Scan, Staple', 'Laser', 'S010');
```

INK

INSERT INTO Ink VALUES (2001, 'INK-MP201-BK', 'Laser', 'Black', 'Ricoh Aficio MP 201', 'Ricoh Malaysia', TO_DATE('2025-01-10', 'YYYY-MM-DD'), 350.00, TO_DATE('2027-01-10', 'YYYY-MM-DD'), 'Ordered', 'S001');

INSERT INTO Ink VALUES (2002, 'INK-C3000-C', 'Laser', 'Cyan', 'Ricoh IM C3000', 'Ricoh Malaysia', TO_DATE('2024-12-05', 'YYYY-MM-DD'), 420.00, TO_DATE('2026-12-05', 'YYYY-MM-DD'), 'Received', 'S002');

INSERT INTO Ink VALUES (2003, 'INK-C3000-M', 'Laser', 'Magenta', 'Ricoh IM C3000', 'Ricoh Malaysia', TO_DATE('2024-11-15', 'YYYY-MM-DD'), 420.00, TO_DATE('2026-11-15', 'YYYY-MM-DD'), 'Pending', 'S003');

INSERT INTO Ink VALUES (2004, 'INK-C3000-Y', 'Laser', 'Yellow', 'Ricoh IM C3000', 'Ricoh Malaysia', TO_DATE('2024-11-20', 'YYYY-MM-DD'), 420.00, TO_DATE('2026-11-20', 'YYYY-MM-DD'), 'Received', 'S004');

INSERT INTO Ink VALUES (2005, 'INK-3055-BK', 'Laser', 'Black', 'Ricoh MP 3055', 'Ricoh Malaysia', TO_DATE('2025-02-01', 'YYYY-MM-DD'), 370.00, TO_DATE('2027-02-01', 'YYYY-MM-DD'), 'Ordered', 'S005');

INSERT INTO Ink VALUES (2006, 'INK-SP3710-BK', 'Laser', 'Black', 'Ricoh SP 3710DN', 'Ricoh Malaysia', TO_DATE('2025-03-12', 'YYYY-MM-DD'), 280.00, TO_DATE('2027-03-12', 'YYYY-MM-DD'), 'Received', 'S006');

INSERT INTO Ink VALUES (2007, 'INK-6000-BK', 'Laser', 'Black', 'Ricoh IM 6000', 'Ricoh Malaysia', TO_DATE('2025-04-05', 'YYYY-MM-DD'), 480.00, TO_DATE('2027-04-05', 'YYYY-MM-DD'), 'Pending', 'S007');

INSERT INTO Ink VALUES (2008, 'INK-C3003-C', 'Laser', 'Cyan', 'Ricoh MP C3003', 'Ricoh Malaysia', TO_DATE('2025-01-25', 'YYYY-MM-DD'), 410.00, TO_DATE('2027-01-25', 'YYYY-MM-DD'), 'Ordered', 'S008');

INSERT INTO Ink VALUES (2009, 'INK-C840DN-BK', 'Laser', 'Black', 'Ricoh SP C840DN', 'Ricoh Malaysia', TO_DATE('2025-05-10', 'YYYY-MM-DD'), 390.00, TO_DATE('2027-05-10', 'YYYY-MM-DD'), 'Received', 'S009');

```
INSERT INTO Ink VALUES (2010, 'INK-C400SRF-C', 'Laser', 'Cyan', 'Ricoh IM C400SRF', 'Ricoh Malaysia', TO_DATE('2025-
02-18', 'YYYY-MM-DD'), 440.00, TO_DATE('2027-02-18', 'YYYY-MM-DD'), 'Ordered', 'S010');
```

FEEDBACK

```
INSERT INTO Feedback (Feedback_ID, Feedback_Title, Feedback_Submitted_By, Feedback_Submission_Date, Feedback_Rating,
Feedback_Comments, Feedback_Type, Feedback_Status, Feedback_Satisfaction_Level, Feedback_Follow_Up_Respond,
Feedback_Reviewed, Stock_ID) VALUES ('61816805', 'Threat song', 'Melissa Newton', DATE '2025-03-13', 2.3, 'Pass open
real dark relationship occur enough each occur summer discussion surface blue.', 'Suggestion', 'Pending', 'Very
Satisfied', 'Save anyone effort threat.', 'FALSE', 'S001');

INSERT INTO Feedback (Feedback_ID, Feedback_Title, Feedback_Submitted_By, Feedback_Submission_Date, Feedback_Rating,
Feedback_Comments, Feedback_Type, Feedback_Status, Feedback_Satisfaction_Level, Feedback_Follow_Up_Respond,
Feedback_Reviewed, Stock_ID) VALUES ('36991990', 'Tree enough', 'Tracey Serrano', DATE '2025-02-20', 0.6, 'Take
adult avoid smile other sing various tough year really adult.', 'Other', 'Pending', 'Neutral', 'Especially cut
education support recently later thousand usually.', 'TRUE', 'S002');

INSERT INTO Feedback (Feedback_ID, Feedback_Title, Feedback_Submitted_By, Feedback_Submission_Date, Feedback_Rating,
Feedback_Comments, Feedback_Type, Feedback_Status, Feedback_Satisfaction_Level, Feedback_Follow_Up_Respond,
Feedback_Reviewed, Stock_ID) VALUES ('30934737', 'Begin claim', 'Elizabeth Hood', DATE '2025-03-25', 3.0, 'Mouth
hair poor drug some source.', 'Suggestion', 'Pending', 'Very Satisfied', 'Arrive side by media hospital model
century how partner.', 'FALSE', 'S003');

INSERT INTO Feedback (Feedback_ID, Feedback_Title, Feedback_Submitted_By, Feedback_Submission_Date, Feedback_Rating,
Feedback_Comments, Feedback_Type, Feedback_Status, Feedback_Satisfaction_Level, Feedback_Follow_Up_Respond,
Feedback_Reviewed, Stock_ID) VALUES ('62343293', 'Fight institution market rock', 'Jamie Roberts', DATE '2025-05-
03', 2.6, 'Official trouble hot successful activity production determine.', 'Inquiry', 'Reviewed', 'Dissatisfied',
'Number though machine project serve drug page pass today.', 'FALSE', 'S004');

INSERT INTO Feedback (Feedback_ID, Feedback_Title, Feedback_Submitted_By, Feedback_Submission_Date, Feedback_Rating,
Feedback_Comments, Feedback_Type, Feedback_Status, Feedback_Satisfaction_Level, Feedback_Follow_Up_Respond,
Feedback_Reviewed, Stock_ID) VALUES ('98150094', 'List lay run', 'George Black', DATE '2025-04-18', 2.6, 'Quite PM
simple agency study prove.', 'Complaint', 'Closed', 'Very Satisfied', 'Contain go turn beat quickly grow.', 'TRUE',
'S005');
```

```sql
INSERT INTO Feedback (Feedback_ID, Feedback_Title, Feedback_Submitted_By, Feedback_Submission_Date, Feedback_Rating,
Feedback_Comments, Feedback_Type, Feedback_Status, Feedback_Satisfaction_Level, Feedback_Follow_Up_Respond,
Feedback_Reviewed, Stock_ID) VALUES ('61699535', 'Necessary bag want', 'Jennifer Wolf', DATE '2025-04-03', 3.9, 'Win
speak involve tonight important sport at tell little.', 'Other', 'Pending', 'Satisfied', 'Newspaper Mrs value theory
professor second soon four while.', 'FALSE', 'S006');

INSERT INTO Feedback (Feedback_ID, Feedback_Title, Feedback_Submitted_By, Feedback_Submission_Date, Feedback_Rating,
Feedback_Comments, Feedback_Type, Feedback_Status, Feedback_Satisfaction_Level, Feedback_Follow_Up_Respond,
Feedback_Reviewed, Stock_ID) VALUES ('37549383', 'Material drop no camera', 'Mr. Alex Mendoza', DATE '2025-03-02',
2.7, 'Long meet physical ground where parent family get.', 'Inquiry', 'Pending', 'Neutral', 'Magazine lose because
stage top key official.', 'FALSE', 'S007');

INSERT INTO Feedback (Feedback_ID, Feedback_Title, Feedback_Submitted_By, Feedback_Submission_Date, Feedback_Rating,
Feedback_Comments, Feedback_Type, Feedback_Status, Feedback_Satisfaction_Level, Feedback_Follow_Up_Respond,
Feedback_Reviewed, Stock_ID) VALUES ('50924301', 'Group point', 'Rachel Hamilton', DATE '2025-06-09', 3.3, 'Force
role we wide establish win teach explain stage hair.', 'Suggestion', 'Closed', 'Dissatisfied', 'Take pretty where
major it.', 'TRUE', 'S008');

INSERT INTO Feedback (Feedback_ID, Feedback_Title, Feedback_Submitted_By, Feedback_Submission_Date, Feedback_Rating,
Feedback_Comments, Feedback_Type, Feedback_Status, Feedback_Satisfaction_Level, Feedback_Follow_Up_Respond,
Feedback_Reviewed, Stock_ID) VALUES ('83514758', 'International then number citizen', 'Robert Johnson', DATE '2025-
01-23', 3.9, 'Education work sea almost cost color investment upon road career opportunity share bit.',
'Suggestion', 'Closed', 'Very Satisfied', 'Certainly design second morning environmental story conference.',
'FALSE', 'S009');

INSERT INTO Feedback (Feedback_ID, Feedback_Title, Feedback_Submitted_By, Feedback_Submission_Date, Feedback_Rating,
Feedback_Comments, Feedback_Type, Feedback_Status, Feedback_Satisfaction_Level, Feedback_Follow_Up_Respond,
Feedback_Reviewed, Stock_ID) VALUES ('48075277', 'Although statement rich attorney left', 'Robert Smith', DATE
'2025-05-15', 1.0, 'Television once way sure involve watch recently though father particular toward.', 'Other',
'Reviewed', 'Satisfied', 'Why key person kind officer.', 'TRUE' , 'S010');
```

SERVICE

INSERT INTO Service (Service_ID, Service_Sequence_No, Contract_ID, Service_Start_Date, Service_Completed_Date, Service_Issue_Description, Service_Type, Service_Status, Service_Cost, Service_Resolution, Service_Rating) VALUES (2201, 1, 'C001', DATE '2023-08-01', DATE '2023-08-02', 'Paper jam in tray', 'Repair', 'Completed', 150.00, 'Cleared jammed paper', 1);

INSERT INTO Service (Service_ID, Service_Sequence_No, Contract_ID, Service_Start_Date, Service_Completed_Date, Service_Issue_Description, Service_Type, Service_Status, Service_Cost, Service_Resolution, Service_Rating) VALUES (2202, 2, 'C002', DATE '2023-07-10', DATE '2023-07-11', 'Low print quality', 'Maintenance', 'Completed', 120.00, 'Cleaned toner unit', 4);

INSERT INTO Service (Service_ID, Service_Sequence_No, Contract_ID, Service_Start_Date, Service_Completed_Date, Service_Issue_Description, Service_Type, Service_Status, Service_Cost, Service_Resolution, Service_Rating) VALUES (2203, 3, 'C003', DATE '2023-06-15', DATE '2023-06-16', 'No power', 'Repair', 'Completed', 200.00, 'Replaced power cable', 3);

INSERT INTO Service (Service_ID, Service_Sequence_No, Contract_ID, Service_Start_Date, Service_Completed_Date, Service_Issue_Description, Service_Type, Service_Status, Service_Cost, Service_Resolution, Service_Rating) VALUES (2204, 4, 'C004', DATE '2023-05-20', DATE '2023-05-22', 'Regular check-up', 'Maintenance', 'Completed', 100.00, 'Performed diagnostics', 5);

INSERT INTO Service (Service_ID, Service_Sequence_No, Contract_ID, Service_Start_Date, Service_Completed_Date, Service_Issue_Description, Service_Type, Service_Status, Service_Cost, Service_Resolution, Service_Rating) VALUES (2205, 5, 'C005', DATE '2023-04-01', DATE '2023-04-01', 'Paper feed error', 'Repair', 'Completed', 180.00, 'Replaced feed roller', 2);

INSERT INTO Service (Service_ID, Service_Sequence_No, Contract_ID, Service_Start_Date, Service_Completed_Date, Service_Issue_Description, Service_Type, Service_Status, Service_Cost, Service_Resolution, Service_Rating) VALUES (2206, 6, 'C006', DATE '2023-03-10', DATE '2023-03-12', 'Strange noise during print', 'Maintenance', 'Completed', 140.00, 'Lubricated moving parts', 1);

INSERT INTO Service (Service_ID, Service_Sequence_No, Contract_ID, Service_Start_Date, Service_Completed_Date, Service_Issue_Description, Service_Type, Service_Status, Service_Cost, Service_Resolution, Service_Rating) VALUES

```
(2207, 7, 'C007', DATE '2023-02-05', DATE '2023-02-06', 'Error code E202', 'Repair', 'Completed', 160.00, 'Reset
internal settings', 3);

INSERT INTO Service ( Service_ID, Service_Sequence_No, Contract_ID, Service_Start_Date, Service_Completed_Date,
Service_Issue_Description, Service_Type, Service_Status, Service_Cost, Service_Resolution, Service_Rating ) VALUES
(2208, 8, 'C008', DATE '2023-01-18', DATE '2023-01-20', 'Network printing issue', 'Installation', 'Completed',
190.00, 'Reconfigured network', 4);

INSERT INTO Service ( Service_ID, Service_Sequence_No, Contract_ID, Service_Start_Date, Service_Completed_Date,
Service_Issue_Description, Service_Type, Service_Status, Service_Cost, Service_Resolution, Service_Rating ) VALUES
(2209, 9, 'C009', DATE '2022-12-10', DATE '2022-12-12', 'Toner not detected', 'Repair', 'Completed', 130.00,
'Cleaned toner contacts', 3);

INSERT INTO Service ( Service_ID, Service_Sequence_No, Contract_ID, Service_Start_Date, Service_Completed_Date,
Service_Issue_Description, Service_Type, Service_Status, Service_Cost, Service_Resolution, Service_Rating ) VALUES
(2210, 10, 'C010', DATE '2022-11-25', DATE '2022-11-26', 'Preventive maintenance', 'Maintenance', 'Completed',
110.00, 'Checked all components', 2);
```

TRAINING_CERTIFICATE

```
INSERT INTO Training_Certificate VALUES (1, 'TC001', 1001, 'Fire Safety', 'HRDF', DATE '2023-01-15', DATE '2025-01-
15', 'Basic', 'http://example.com/tc001', '2 Years', 'TRUE', 'TRUE', 'HR Accredited');

INSERT INTO Training_Certificate VALUES (2, 'TC002', 1002, 'Machine Handling', 'OSHA', DATE '2022-07-01', DATE
'2024-07-01', 'Advanced', 'http://example.com/tc002', '2 Years', 'TRUE', 'FALSE', 'ISO Certified');

INSERT INTO Training_Certificate VALUES (3, 'TC003', 1003, 'Electrical Safety', 'NIOSH', DATE '2023-03-10', DATE
'2025-03-10', 'Intermediate', 'http://example.com/tc003', '2 Years', 'FALSE', 'TRUE', 'HR Accredited');

INSERT INTO Training_Certificate VALUES (4, 'TC004', 1004, 'Equipment Repair', 'OSHA', DATE '2022-09-05', DATE
'2024-09-05', 'Basic', 'http://example.com/tc004', '2 Years', 'TRUE', 'TRUE', 'ISO Certified');

INSERT INTO Training_Certificate VALUES (5, 'TC005', 1005, 'First Aid', 'HRDF', DATE '2023-05-20', DATE '2025-05-
20', 'Basic', 'http://example.com/tc005', '2 Years', 'FALSE', 'TRUE', 'HR Accredited');
```

```
INSERT INTO Training_Certificate VALUES (6, 'TC006', 1006, 'HSE Awareness', 'NIOSH', DATE '2022-12-01', DATE '2024-12-01', 'Intermediate', 'http://example.com/tc006', '2 Years', 'TRUE', 'FALSE', 'ISO Certified');

INSERT INTO Training_Certificate VALUES (7, 'TC007', 1007, 'Fire Drill Basics', 'HRDF', DATE '2023-02-17', DATE '2025-02-17', 'Basic', 'http://example.com/tc007', '2 Years', 'TRUE', 'TRUE', 'None');

INSERT INTO Training_Certificate VALUES (8, 'TC008', 1008, 'Chemical Handling', 'OSHA', DATE '2022-06-11', DATE '2024-06-11', 'Advanced', 'http://example.com/tc008', '2 Years', 'TRUE', 'FALSE', 'ISO Certified');

INSERT INTO Training_Certificate VALUES (9, 'TC009', 1009, 'Ladder Safety', 'NIOSH', DATE '2023-04-05', DATE '2025-04-05', 'Basic', 'http://example.com/tc009', '2 Years', 'FALSE', 'TRUE', 'HR Accredited');

INSERT INTO Training_Certificate VALUES (10, 'TC010', 1010, 'Lockout Tagout', 'OSHA', DATE '2023-06-20', DATE '2025-06-20', 'Intermediate', 'http://example.com/tc010', '2 Years', 'TRUE', 'TRUE', 'ISO Certified');
```

TECHNICIAN

```
INSERT INTO Technician VALUES ('TECH001', 'REF-TECH-MY-2023-01', 'West Malaysia', 12, '4', 5, 24.3, 'Diploma in Electrical Eng', 'WXY 1234', 'Morning', 'L', NULL, 'E01');

INSERT INTO Technician VALUES ('TECH002', 'REF-TECH-MY-2023-02', 'East Malaysia', 8, '3', 3, 26.7, 'Certificate in HVAC', 'SAB 5678', 'Afternoon', 'M', NULL, 'E02');

INSERT INTO Technician VALUES ('TECH003', 'REF-TECH-MY-2023-03', 'Malaysia', 15, '5', 8, 22.1, 'Degree in Mechanical Eng', 'BKK 9012', 'Flexi', 'XL', NULL, 'E03');

INSERT INTO Technician VALUES ('TECH004', 'REF-TECH-MY-2023-04', 'West Malaysia', 6, '2', 2, 28.9, 'Vocational Training', 'JHR 3456', 'Night', 'S', NULL, 'E04');

INSERT INTO Technician VALUES ('TECH005', 'REF-TECH-MY-2023-05', 'East Malaysia', 20, '5', 10, 23.5, 'Advanced Diploma in Electronics', 'KUL 7890', 'Morning', 'M', NULL, 'E05');

INSERT INTO Technician VALUES ('TECH006', 'REF-TECH-MY-2023-06', 'West Malaysia', 10, '3', 4, 25.2, 'Certificate in Plumbing', 'PNG 1234', 'Afternoon', 'L', NULL, 'E06');
```

```
INSERT INTO Technician VALUES ('TECH007', 'REF-TECH-MY-2023-07', 'Malaysia', 18, '4', 7, 27.8, 'Diploma in
Automotive Tech', 'MLK 5678', 'Flexi', 'XL', NULL, 'E07');

INSERT INTO Technician VALUES ('TECH008', 'REF-TECH-MY-2023-08', 'East Malaysia', 5, '2', 1, 29.3, 'Technical School
Certificate', 'TRG 9012', 'Morning', 'S', NULL, 'E08');

INSERT INTO Technician VALUES ('TECH009', 'REF-TECH-MY-2023-09', 'West Malaysia', 14, '4', 6, 24.6, 'Degree in
Mechatronics', 'PJY 3456', 'Night', 'M', NULL, 'E09');

INSERT INTO Technician VALUES ('TECH010', 'REF-TECH-MY-2023-10', 'Malaysia', 9, '3', 3, 26.1, 'Diploma in
Instrumentation', 'SRW 7890', 'Afternoon', 'L', NULL, 'E10');
```

EMERGENCY_CONTACT

```
INSERT INTO Emergency_Contact VALUES (1, 'EC001', 'TECH001', 1, '012-3456789', 'emc1@example.com', '123 Tech Road,
City A', 'Asthma', 'SMS', DATE '2024-06-01', 'Active');

INSERT INTO Emergency_Contact VALUES (2, 'EC002', 'TECH002', 2, '013-4567890', 'emc2@example.com', '45 Block B,
Cyberjaya', 'Diabetes', 'Email', DATE '2024-05-25', 'Active');

INSERT INTO Emergency_Contact VALUES (3, 'EC003', 'TECH003', 1, '014-5678901', 'emc3@example.com', '78 Jalan Aman,
Ipoh', 'None', 'Call', DATE '2024-06-10', 'Active');

INSERT INTO Emergency_Contact VALUES (4, 'EC004', 'TECH004', 3, '015-6789012', 'emc4@example.com', '22 Bukit Indah,
Johor', 'Hypertension', 'SMS', DATE '2024-06-15', 'Active');

INSERT INTO Emergency_Contact VALUES (5, 'EC005', 'TECH005', 1, '016-7890123', 'emc5@example.com', '3C Flat Meru,
Klang', 'Asthma', 'Email', DATE '2024-06-18', 'Active');

INSERT INTO Emergency_Contact VALUES (6, 'EC006', 'TECH006', 2, '017-8901234', 'emc6@example.com', '12 Lorong Damai,
Penang', 'None', 'SMS', DATE '2024-06-14', 'Active');

INSERT INTO Emergency_Contact VALUES (7, 'EC007', 'TECH007', 1, '018-9012345', 'emc7@example.com', '99 Taman Sari,
Melaka', 'Diabetes', 'Call', DATE '2024-06-11', 'Active');
```

```
  INSERT INTO Emergency_Contact VALUES (8, 'EC008', 'TECH008', 3, '019-0123456', 'emc8@example.com', '7 Jalan Tepi,
Alor Setar', 'Asthma', 'Email', DATE '2024-06-13', 'Active');

INSERT INTO Emergency_Contact VALUES (9, 'EC009', 'TECH009', 2, '010-1234567', 'emc9@example.com', '6A Jalan Ilmu,
Shah Alam', 'None', 'SMS', DATE '2024-06-09', 'Active');

INSERT INTO Emergency_Contact VALUES (10, 'EC010', 'TECH010', 1, '011-2345678', 'emc10@example.com', '50 Seksyen 5,
Petaling Jaya', 'Hypertension', 'Call', DATE '2024-06-05', 'Active');
```

INVOICE

```
INSERT INTO Invoice ( Invoice_ID, Invoice_Ref_Code, Invoice_Date, Invoice_Created_Date, Invoice_Amount,
Invoice_Tax_Rate, Invoice_Discount, Invoice_Total_Amount, Invoice_Payment_Status, Invoice_Notes, Contract_ID,
Sales_Person_ID ) VALUES (68981784, 'IV-WK624', DATE '2025-02-20', DATE '2025-04-21', 7090.76, 0.06, 155.77,
7360.44, 'Pending', 'Thank you for your business! Payment due within 14 days.', 'C001', 'SP01');

INSERT INTO Invoice VALUES (41958195, 'IV-CG880', DATE '2025-03-13', DATE '2025-05-07', 5044.77, 0.05, 379.99,
4917.02, 'Completed', 'Please make payment to CIMB 123-456-789. No refunds after 7 days.', 'C002', 'SP02');

INSERT INTO Invoice VALUES (77078758, 'IV-RP511', DATE '2025-05-11', DATE '2025-06-21', 7798.51, 0.1, 109.22,
8469.14, 'Rejected', 'Payment includes 6% SST. Delivery received by Mr. Haziq on 25 June 2025.', 'C003', 'SP03');

INSERT INTO Invoice VALUES (67657692, 'IV-PZ375', DATE '2025-01-06', DATE '2025-02-25', 7641.60, 0.09, 372.77,
7956.57, 'Approved', 'Payment to be made in two instalments, as agreed.', 'C004', 'SP04');
```

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INSERT INTO Invoice VALUES (78917830, 'IV-VD649', DATE '2025-06-13', DATE '2025-03-20', 4438.25, 0.08, 222.05,
4571.26, 'Approved', 'Invoice covers maintenance for June 2025. Call us for support.', 'C005', 'SP05');

INSERT INTO Invoice VALUES (56616134, 'IV-BT537', DATE '2025-02-25', DATE '2025-03-26', 8558.86, 0.07, 25.52,
9132.46, 'Pending', '5% discount applied for early settlement before 5 July 2025.', 'C006', 'SP06');

INSERT INTO Invoice VALUES (67845239, 'IV-SM539', DATE '2025-01-26', DATE '2025-04-29', 3114.42, 0.1, 199.43,
3226.43, 'Rejected', 'Goods delivered to Kuantan warehouse. Signed by En. Farez.', 'C007', 'SP07');

INSERT INTO Invoice VALUES (84558036, 'IV-XA818', DATE '2025-05-31', DATE '2025-04-09', 5309.83, 0.07, 163.78,
5517.74, 'Completed', 'Cheques payable to "XYZ Resources".', 'C008', 'SP08');

INSERT INTO Invoice VALUES (61786028, 'IV-BY759', DATE '2025-03-03', DATE '2025-02-18', 2621.85, 0.07, 383.40,
2421.98, 'Rejected', 'Project Ref: UTP-MEDIA-0725. Please quote this in all correspondence.', 'C009', 'SP09');

INSERT INTO Invoice VALUES (88326395, 'IV-QL475', DATE '2025-04-09', DATE '2025-04-19', 7171.63, 0.05, 230.02,
7300.19, 'Completed', 'Late payments are subject to 1.5% monthly interest. Thank you for choosing us.', 'C010',
'SP10');
```

DELIVERY

```sql
INSERT INTO Delivery VALUES ('D001', 'TRK-0001', DATE '2025-06-01', DATE '2025-06-02', 'DHL', 'Van', TIMESTAMP
'2025-06-02 10:30:00', 'Accepted', 'None', 'Intact', 'C001', '24636730', 'CRN001', 'PIC001', 'SP01', 76878741);

INSERT INTO Delivery VALUES ('D002', 'TRK-0002', DATE '2025-06-03', DATE '2025-06-03', 'J&T Express', 'Van',
TIMESTAMP '2025-06-03 11:00:00', 'Accepted', 'None', 'Minor damage', 'C002', '57687653', 'CRN002', 'PIC002', 'SP02',
63048870);

INSERT INTO Delivery VALUES ('D003', 'TRK-0003', DATE '2025-06-05', DATE '2025-06-06', 'GDex', 'Truck', TIMESTAMP
'2025-06-06 13:00:00', 'Accepted', 'Slight dent on box', 'Intact', 'C003', '62651197', 'CRN003', 'PIC003', 'SP03',
16175132);

INSERT INTO Delivery VALUES ('D004', 'TRK-0004', DATE '2025-06-07', DATE '2025-06-07', 'DHL', 'Van', TIMESTAMP
'2025-06-07 09:30:00', 'Accepted', 'None', 'Intact', 'C004', '72174329', 'CRN004', 'PIC004', 'SP04', 70604189);
```

```
INSERT INTO Delivery VALUES ('D005', 'TRK-0005', DATE '2025-06-08', DATE '2025-06-09', 'PosLaju', 'Truck', TIMESTAMP
'2025-06-09 15:00:00', 'Accepted', 'Damaged equipment', 'Severely damaged', 'C005', '87073414', 'CRN005', 'PIC005',
'SP05', 81478419);

INSERT INTO Delivery VALUES ('D006', 'TRK-0006', DATE '2025-06-10', DATE '2025-06-11', 'J&T Express', 'Van',
TIMESTAMP '2025-06-11 10:00:00', 'Accepted', 'None', 'Intact', 'C006', '75790964', 'CRN006', 'PIC006', 'SP06',
18254278);

INSERT INTO Delivery VALUES ('D007', 'TRK-0007', DATE '2025-06-12', DATE '2025-06-12', 'GDex', 'Truck', TIMESTAMP
'2025-06-12 14:00:00', 'Accepted', 'None', 'Intact', 'C007', '91693353', 'CRN007', 'PIC007', 'SP07', 70504306);

INSERT INTO Delivery VALUES ('D008', 'TRK-0008', DATE '2025-06-13', DATE '2025-06-14', 'DHL', 'Van', TIMESTAMP
'2025-06-14 16:00:00', 'Accepted', 'None', 'Intact', 'C008', '23413118', 'CRN008', 'PIC008', 'SP08', 64963010);

INSERT INTO Delivery VALUES ('D009', 'TRK-0009', DATE '2025-06-15', DATE '2025-06-16', 'PosLaju', 'Truck', TIMESTAMP
'2025-06-16 12:00:00', 'Accepted', 'Torn outer wrapping', 'Intact', 'C009', '79089661', 'CRN009', 'PIC009', 'SP09',
14460008);

INSERT INTO Delivery VALUES ('D010', 'TRK-0010', DATE '2025-06-17', DATE '2025-06-17', 'J&T Express', 'Van',
TIMESTAMP '2025-06-17 09:00:00', 'Accepted', 'None', 'Intact', 'C010', '21880807', 'CRN010', 'PIC010', 'SP10',
66885170);
```

PAYMENT_RECORD

```
INSERT INTO Payment_Record
(PR_ID,PR_Ref_Code,PR_Date,PR_Amount_Paid,PR_Method,PR_Status,PR_Received,PR_Created,PR_Currency,Invoice_ID,Sales_Pe
rson_ID,Delivery_ID,Supplier_ID) VALUES ('76878741', 'PR-VD606', DATE '2025-05-04', '2037.63', 'Bank Transfer',
'Rejected', DATE '2025-06-17', DATE '2025-02-13', 'EUR', '61786028', 'SP01', 'D001', '24636730');

INSERT INTO Payment_Record
(PR_ID,PR_Ref_Code,PR_Date,PR_Amount_Paid,PR_Method,PR_Status,PR_Received,PR_Created,PR_Currency,Invoice_ID,Sales_Pe
rson_ID,Delivery_ID,Supplier_ID) VALUES ('63048870', 'PR-DD357', DATE '2025-03-11', '7869.1', 'Bank Transfer',
'Rejected', DATE '2025-04-26', DATE '2025-05-14', 'MYR', '77078758', 'SP02', 'D002', '57687653');
```

```
INSERT INTO Payment_Record
(PR_ID,PR_Ref_Code,PR_Date,PR_Amount_Paid,PR_Method,PR_Status,PR_Received,PR_Created,PR_Currency,Invoice_ID,Sales_Pe
rson_ID,Delivery_ID,Supplier_ID) VALUES ('16175132', 'PR-GC741', DATE '2025-02-14', '6726.07', 'Bank Transfer',
'Approved', DATE '2025-04-21', DATE '2025-06-12', 'EUR', '67845239', 'SP03' , 'D003' , '62651197');

INSERT INTO Payment_Record
(PR_ID,PR_Ref_Code,PR_Date,PR_Amount_Paid,PR_Method,PR_Status,PR_Received,PR_Created,PR_Currency,Invoice_ID,Sales_Pe
rson_ID,Delivery_ID,Supplier_ID) VALUES ('70604189', 'PR-AY955', DATE '2025-02-06', '355.62', 'Cheque', 'Approved',
DATE '2025-02-12', DATE '2025-02-02', 'EUR', '84558036', 'SP04', 'D004', '72174329');

INSERT INTO Payment_Record
(PR_ID,PR_Ref_Code,PR_Date,PR_Amount_Paid,PR_Method,PR_Status,PR_Received,PR_Created,PR_Currency,Invoice_ID,Sales_Pe
rson_ID,Delivery_ID,Supplier_ID) VALUES ('81478419', 'PR-OK551', DATE '2025-04-04', '7545.76', 'Bank Transfer',
'Approved', DATE '2025-04-18', DATE '2025-03-18', 'USD', '84558036', 'SP05', 'D005', '87073414');

INSERT INTO Payment_Record
(PR_ID,PR_Ref_Code,PR_Date,PR_Amount_Paid,PR_Method,PR_Status,PR_Received,PR_Created,PR_Currency,Invoice_ID,Sales_Pe
rson_ID,Delivery_ID,Supplier_ID) VALUES ('18254278', 'PR-LF892', DATE '2025-05-30', '3620.74', 'Bank Transfer',
'Approved', DATE '2025-04-05', DATE '2025-02-07', 'MYR', '56616134', 'SP06', 'D006', '75790964');

INSERT INTO Payment_Record (PR_ID, PR_Ref_Code, PR_Date, PR_Amount_Paid, PR_Method, PR_Status, PR_Received,
PR_Created, PR_Currency, Invoice_ID, Sales_Person_ID, Delivery_ID, Supplier_ID) VALUES ('70504306', 'PR-LL320', DATE
'2025-05-09', '5847.67', 'Bank Transfer', 'Pending', DATE '2025-05-18', DATE '2025-02-13', 'USD', '77078758',
'SP07', 'D007', '91693353');

INSERT INTO Payment_Record (PR_ID, PR_Ref_Code, PR_Date, PR_Amount_Paid, PR_Method, PR_Status, PR_Received,
PR_Created, PR_Currency, Invoice_ID, Sales_Person_ID, Delivery_ID, Supplier_ID) VALUES ('64963010', 'PR-OR871', DATE
'2025-03-11', '2214.93', 'Bank Transfer', 'Completed', DATE '2025-04-17', DATE '2025-01-08', 'MYR', '67845239',
'SP08', 'D008', '23413118');

INSERT INTO Payment_Record (PR_ID, PR_Ref_Code, PR_Date, PR_Amount_Paid, PR_Method, PR_Status, PR_Received,
PR_Created, PR_Currency, Invoice_ID, Sales_Person_ID, Delivery_ID, Supplier_ID) VALUES ('14460008', 'PR-ZD525', DATE
'2025-01-06', '4456.08', 'Credit Card', 'Pending', DATE '2025-04-15', DATE '2025-05-10', 'USD', '77078758', 'SP09',
'D009', '79089661');
```

```
INSERT INTO Payment_Record (PR_ID, PR_Ref_Code, PR_Date, PR_Amount_Paid, PR_Method, PR_Status, PR_Received,
PR_Created, PR_Currency, Invoice_ID, Sales_Person_ID, Delivery_ID, Supplier_ID) VALUES ('66885170', 'PR-SG595', DATE
'2025-05-03', '7058.03', 'Bank Transfer', 'Rejected', DATE '2025-03-05', DATE '2025-05-23', 'EUR', '84558036',
'SP10', 'D010', '21880807');
```

EQUIPMENT

```
INSERT INTO Equipment VALUES (1201, 'EQ001', 'Drill Machine', 'HP', 'Model-332', TO_DATE('2023-09-07', 'YYYY-MM-
DD'), TO_DATE('2026-08-05', 'YYYY-MM-DD'), 'Steel', 'Office A', 'Active', 'D001', '24636730');

INSERT INTO Equipment VALUES (1202, 'EQ002', 'Drill Machine', 'Hitachi', 'Model-382', TO_DATE('2022-10-31', 'YYYY-
MM-DD'), TO_DATE('2025-09-16', 'YYYY-MM-DD'), 'Steel', 'Office B', 'Active', 'D002', '57687653');

INSERT INTO Equipment VALUES (1203, 'EQ003', 'Laser Printer', 'Samsung', 'Model-658', TO_DATE('2023-08-26', 'YYYY-
MM-DD'), TO_DATE('2026-06-29', 'YYYY-MM-DD'), 'Steel', 'Warehouse B', 'Inactive', 'D003', '62651197');

INSERT INTO Equipment VALUES (1204, 'EQ004', 'Drill Machine', 'Panasonic', 'Model-858', TO_DATE('2024-01-10', 'YYYY-
MM-DD'), TO_DATE('2028-03-25', 'YYYY-MM-DD'), 'Aluminum', 'Office A', 'Active', 'D004', '72174329');

INSERT INTO Equipment VALUES (1205, 'EQ005', 'Drill Machine', 'Panasonic', 'Model-228', TO_DATE('2023-05-03', 'YYYY-
MM-DD'), TO_DATE('2027-01-19', 'YYYY-MM-DD'), 'Plastic', 'Office B', 'Inactive', 'D005', '87073414');

INSERT INTO Equipment VALUES (1206, 'EQ006', 'Drill Machine', 'HP', 'Model-708', TO_DATE('2022-09-24', 'YYYY-MM-
DD'), TO_DATE('2027-03-22', 'YYYY-MM-DD'), 'Plastic', 'Office B', 'Active', 'D006', '75790964');

INSERT INTO Equipment VALUES (1207, 'EQ007', 'Welding Kit', 'Hitachi', 'Model-553', TO_DATE('2024-06-07', 'YYYY-MM-
DD'), TO_DATE('2025-07-02', 'YYYY-MM-DD'), 'Steel', 'Warehouse B', 'Inactive', 'D007', '91693353');

INSERT INTO Equipment VALUES (1208, 'EQ008', 'Cooling Fan', 'Hitachi', 'Model-481', TO_DATE('2023-05-12', 'YYYY-MM-
DD'), TO_DATE('2028-03-06', 'YYYY-MM-DD'), 'Plastic', 'Office B', 'Active', 'D008', '23413118');

INSERT INTO Equipment VALUES (1209, 'EQ009', 'Laser Printer', 'Samsung', 'Model-921', TO_DATE('2023-02-14', 'YYYY-
MM-DD'), TO_DATE('2025-06-27', 'YYYY-MM-DD'), 'Aluminum', 'Office A', 'Inactive', 'D009', '79089661');
```

```
INSERT INTO Equipment VALUES (1210, 'EQ010', 'Cooling Fan', 'Bosch', 'Model-985', TO_DATE('2022-08-06', 'YYYY-MM-
DD'), TO_DATE('2027-06-02', 'YYYY-MM-DD'), 'Plastic', 'Warehouse B', 'Active', 'D010', '21880807');
```

SERVICE_EQUIPMENT

```
INSERT INTO Service_Equipment (Service_ID, Equipment_ID) VALUES (2201, 1201); INSERT INTO Service_Equipment
(Service_ID, Equipment_ID) VALUES (2202, 1202);
```

```
INSERT INTO Service_Equipment (Service_ID, Equipment_ID) VALUES (2203, 1203); INSERT INTO Service_Equipment
(Service_ID, Equipment_ID) VALUES (2204, 1204);
```

```
INSERT INTO Service_Equipment (Service_ID, Equipment_ID) VALUES (2205, 1205); INSERT INTO Service_Equipment
(Service_ID, Equipment_ID) VALUES (2206, 1206);
```

```
INSERT INTO Service_Equipment (Service_ID, Equipment_ID) VALUES (2207, 1207); INSERT INTO Service_Equipment
(Service_ID, Equipment_ID) VALUES (2208, 1208);
```

```
 INSERT INTO Service_Equipment (Service_ID, Equipment_ID) VALUES (2209, 1209);
```

```
INSERT INTO Service_Equipment (Service_ID, Equipment_ID) VALUES (2210, 1210);
```

```
INSERT INTO TrainingCertificate_Employee VALUES ('1', 'E01');
```

```
INSERT INTO TrainingCertificate_Employee VALUES ('2', 'E02');
```

```
INSERT INTO TrainingCertificate_Employee VALUES ('3', 'E03');
```

```
INSERT INTO TrainingCertificate_Employee VALUES ('4', 'E04');
```

```
INSERT INTO TrainingCertificate_Employee VALUES ('5', 'E05');
```

```
INSERT INTO TrainingCertificate_Employee VALUES ('6', 'E06');
```

```
INSERT INTO TrainingCertificate_Employee VALUES ('7', 'E07');
```

```
INSERT INTO TrainingCertificate_Employee VALUES ('8', 'E08');

INSERT INTO TrainingCertificate_Employee VALUES ('9', 'E09');

INSERT INTO TrainingCertificate_Employee VALUES ('10', 'E10');
```

TRAINING_EMPLOYEE

```
INSERT INTO Training_Employee VALUES (1001, 'E01');

INSERT INTO Training_Employee VALUES (1002, 'E02');

INSERT INTO Training_Employee VALUES (1003, 'E03');

INSERT INTO Training_Employee VALUES (1004, 'E04');

INSERT INTO Training_Employee VALUES (1005, 'E05');

INSERT INTO Training_Employee VALUES (1006, 'E06');

INSERT INTO Training_Employee VALUES (1007, 'E07');

INSERT INTO Training_Employee VALUES (1008, 'E08');

INSERT INTO Training_Employee VALUES (1009, 'E09');

INSERT INTO Training_Employee VALUES (1010, 'E10');
```

TRAINING_DEPARTMENT

```
INSERT INTO Training_Department VALUES (1001, 'DEP001');

INSERT INTO Training_Department VALUES (1002, 'DEP002');
```

```
INSERT INTO Training_Department VALUES (1003, 'DEP003');

INSERT INTO Training_Department VALUES (1004, 'DEP004');

INSERT INTO Training_Department VALUES (1005, 'DEP005');

INSERT INTO Training_Department VALUES (1006, 'DEP006');

INSERT INTO Training_Department VALUES (1007, 'DEP007');

INSERT INTO Training_Department VALUES (1008, 'DEP008');

INSERT INTO Training_Department VALUES (1009, 'DEP009');

INSERT INTO Training_Department VALUES (1010, 'DEP010');
```

TECHNICIAN_SERVICE

```
INSERT INTO Technician_Service VALUES ('TECH001', 2201);

INSERT INTO Technician_Service VALUES ('TECH002', 2202);

INSERT INTO Technician_Service VALUES ('TECH003', 2203);

INSERT INTO Technician_Service VALUES ('TECH004', 2204);

INSERT INTO Technician_Service VALUES ('TECH005', 2205);

INSERT INTO Technician_Service VALUES ('TECH006', 2206);

INSERT INTO Technician_Service VALUES ('TECH007', 2207);

INSERT INTO Technician_Service VALUES ('TECH008', 2208);

INSERT INTO Technician_Service VALUES ('TECH009', 2209);
```

```
INSERT INTO Technician_Service VALUES ('TECH010', 2210);
```

DELIVERY_STOCK

```
INSERT INTO Delivery_Stock (Delivery_ID, Stock_ID) VALUES ('D001', 'S001');

INSERT INTO Delivery_Stock (Delivery_ID, Stock_ID) VALUES ('D002', 'S002');

INSERT INTO Delivery_Stock (Delivery_ID, Stock_ID) VALUES ('D003', 'S003');

INSERT INTO Delivery_Stock (Delivery_ID, Stock_ID) VALUES ('D004', 'S004');

INSERT INTO Delivery_Stock (Delivery_ID, Stock_ID) VALUES ('D005', 'S005');

INSERT INTO Delivery_Stock (Delivery_ID, Stock_ID) VALUES ('D006', 'S006');

INSERT INTO Delivery_Stock (Delivery_ID, Stock_ID) VALUES ('D007', 'S007');

INSERT INTO Delivery_Stock (Delivery_ID, Stock_ID) VALUES ('D008', 'S008');

INSERT INTO Delivery_Stock (Delivery_ID, Stock_ID) VALUES ('D009', 'S009');

INSERT INTO Delivery_Stock (Delivery_ID, Stock_ID) VALUES ('D010', 'S010');
```

EMERGENCY CONTACT

```
INSERT INTO EmergencyContact_Employee (EC_ID, Employee_ID) VALUES (1, 'E01');

INSERT INTO EmergencyContact_Employee (EC_ID, Employee_ID) VALUES (2, 'E02');

INSERT INTO EmergencyContact_Employee (EC_ID, Employee_ID) VALUES (3, 'E03');

INSERT INTO EmergencyContact_Employee (EC_ID, Employee_ID) VALUES (4, 'E04');
```

```
INSERT INTO EmergencyContact_Employee (EC_ID, Employee_ID) VALUES (5, 'E05');

INSERT INTO EmergencyContact_Employee (EC_ID, Employee_ID) VALUES (6, 'E06');

INSERT INTO EmergencyContact_Employee (EC_ID, Employee_ID) VALUES (7, 'E07');

INSERT INTO EmergencyContact_Employee (EC_ID, Employee_ID) VALUES (8, 'E08');

INSERT INTO EmergencyContact_Employee (EC_ID, Employee_ID) VALUES (9, 'E09');

INSERT INTO EmergencyContact_Employee (EC_ID, Employee_ID) VALUES (10, 'E10');
```

CONTRACT_STOCK

```
INSERT INTO Contract_Stock VALUES ('C001', 'S001');

INSERT INTO Contract_Stock VALUES ('C002', 'S002');

INSERT INTO Contract_Stock VALUES ('C003', 'S003');

INSERT INTO Contract_Stock VALUES ('C004', 'S004');

INSERT INTO Contract_Stock VALUES ('C005', 'S005');

INSERT INTO Contract_Stock VALUES ('C006', 'S006');

INSERT INTO Contract_Stock VALUES ('C007', 'S007');

INSERT INTO Contract_Stock VALUES ('C008', 'S008');

INSERT INTO Contract_Stock VALUES ('C009', 'S009');

INSERT INTO Contract_Stock VALUES ('C010', 'S010');
```

EMPLOYEE_SUPPLIER

```
INSERT INTO Employee_Supplier VALUES ('E01', '24636730');

INSERT INTO Employee_Supplier VALUES ('E02', '57687653');

INSERT INTO Employee_Supplier VALUES ('E03', '62651197');

INSERT INTO Employee_Supplier VALUES ('E04', '72174329');

INSERT INTO Employee_Supplier VALUES ('E05', '87073414');

INSERT INTO Employee_Supplier VALUES ('E06', '75790964');

INSERT INTO Employee_Supplier VALUES ('E07', '91693353');

INSERT INTO Employee_Supplier VALUES ('E08', '23413118');

INSERT INTO Employee_Supplier VALUES ('E09', '79089661');

INSERT INTO Employee_Supplier VALUES ('E10', '21880807');
```

EMPLOYEE_PERSON

```
INSERT INTO Feedback_Person VALUES ('61816805', '900101011111');

INSERT INTO Feedback_Person VALUES ('36991990', '900202022222');

INSERT INTO Feedback_Person VALUES ('30934737', '870303033333');

INSERT INTO Feedback_Person VALUES ('62343293', '760404044444');

INSERT INTO Feedback_Person VALUES ('98150094', '850505055555');
```

```
INSERT INTO Feedback_Person VALUES ('61699535', '820606066666');

INSERT INTO Feedback_Person VALUES ('37549383', '780707077777');

INSERT INTO Feedback_Person VALUES ('50924301', '900808088888');

INSERT INTO Feedback_Person VALUES ('83514758', '910909099999');

INSERT INTO Feedback_Person VALUES ('48075277', '800101100000');
```

PHOTOCOPIER_TECHNICIAN

```
INSERT INTO Photocopier_Technician VALUES ('1001', 'TECH001');

INSERT INTO Photocopier_Technician VALUES ('1002', 'TECH002');

INSERT INTO Photocopier_Technician VALUES ('1003', 'TECH003');

INSERT INTO Photocopier_Technician VALUES ('1004', 'TECH004');

INSERT INTO Photocopier_Technician VALUES ('1005', 'TECH005');

INSERT INTO Photocopier_Technician VALUES ('1006', 'TECH006');

INSERT INTO Photocopier_Technician VALUES ('1007', 'TECH007');

INSERT INTO Photocopier_Technician VALUES ('1008', 'TECH008');

INSERT INTO Photocopier_Technician VALUES ('1009', 'TECH009');

INSERT INTO Photocopier_Technician VALUES ('1010', 'TECH010');
```

EQUIPMENT_PAYMENTRECORD

```
INSERT INTO Equipment_Payment_Record (Equipment_ID, PR_ID) VALUES ('1201','76878741');

INSERT INTO Equipment_Payment_Record (Equipment_ID, PR_ID) VALUES ('1202','63048870');

INSERT INTO Equipment_Payment_Record (Equipment_ID, PR_ID) VALUES ('1203','16175132');

INSERT INTO Equipment_Payment_Record (Equipment_ID, PR_ID) VALUES ('1204','70604189');

INSERT INTO Equipment_Payment_Record (Equipment_ID, PR_ID) VALUES ('1205','81478419');

INSERT INTO Equipment_Payment_Record (Equipment_ID, PR_ID) VALUES ('1206','18254278');

INSERT INTO Equipment_Payment_Record (Equipment_ID, PR_ID) VALUES ('1207','70504306');

INSERT INTO Equipment_Payment_Record (Equipment_ID, PR_ID) VALUES ('1208','64963010');

INSERT INTO Equipment_Payment_Record (Equipment_ID, PR_ID) VALUES ('1209','14460008');

INSERT INTO Equipment_Payment_Record (Equipment_ID, PR_ID) VALUES ('1210','66885170');
```

INVOICE_STOCK

```
INSERT INTO Invoice_Stock (Invoice_ID, Stock_ID) VALUES ('68981784','S001');

INSERT INTO Invoice_Stock (Invoice_ID, Stock_ID) VALUES ('41958195','S002');

INSERT INTO Invoice_Stock (Invoice_ID, Stock_ID) VALUES ('77078758','S003');

INSERT INTO Invoice_Stock (Invoice_ID, Stock_ID) VALUES ('67657692','S004');

INSERT INTO Invoice_Stock (Invoice_ID, Stock_ID) VALUES ('78917830','S005');
```

```
INSERT INTO Invoice_Stock (Invoice_ID, Stock_ID) VALUES ('56616134','S006');

INSERT INTO Invoice_Stock (Invoice_ID, Stock_ID) VALUES ('67845239','S007');

INSERT INTO Invoice_Stock (Invoice_ID, Stock_ID) VALUES ('84558036','S008');

INSERT INTO Invoice_Stock (Invoice_ID, Stock_ID) VALUES ('61786028','S009');

INSERT INTO Invoice_Stock (Invoice_ID, Stock_ID) VALUES ('88326395','S010');
```

INVOICE_PIC

```
INSERT INTO Invoice_PIC (Invoice_ID, PIC_ID) VALUES ('68981784','PIC001');

INSERT INTO Invoice_PIC (Invoice_ID, PIC_ID) VALUES ('41958195','PIC002');

INSERT INTO Invoice_PIC (Invoice_ID, PIC_ID) VALUES ('77078758','PIC003');

INSERT INTO Invoice_PIC (Invoice_ID, PIC_ID) VALUES ('67657692','PIC004');

INSERT INTO Invoice_PIC (Invoice_ID, PIC_ID) VALUES ('78917830','PIC005');

INSERT INTO Invoice_PIC (Invoice_ID, PIC_ID) VALUES ('56616134','PIC006');

INSERT INTO Invoice_PIC (Invoice_ID, PIC_ID) VALUES ('67845239','PIC007');

INSERT INTO Invoice_PIC (Invoice_ID, PIC_ID) VALUES ('84558036','PIC008');

INSERT INTO Invoice_PIC (Invoice_ID, PIC_ID) VALUES ('61786028','PIC009');

INSERT INTO Invoice_PIC (Invoice_ID, PIC_ID) VALUES ('88326395','PIC010');
```

STOCK_PAYMENTRECORD

```
INSERT INTO Stock_PaymentRecord (Stock_ID, PR_ID) VALUES ('S001','76878741');

INSERT INTO Stock_PaymentRecord (Stock_ID, PR_ID) VALUES ('S002','63048870');

INSERT INTO Stock_PaymentRecord (Stock_ID, PR_ID) VALUES ('S003','16175132');

INSERT INTO Stock_PaymentRecord (Stock_ID, PR_ID) VALUES ('S004','70604189');

INSERT INTO Stock_PaymentRecord (Stock_ID, PR_ID) VALUES ('S005','81478419');

INSERT INTO Stock_PaymentRecord (Stock_ID, PR_ID) VALUES ('S006','18254278');

INSERT INTO Stock_PaymentRecord (Stock_ID, PR_ID) VALUES ('S007','70504306');

INSERT INTO Stock_PaymentRecord (Stock_ID, PR_ID) VALUES ('S008','64963010');

INSERT INTO Stock_PaymentRecord (Stock_ID, PR_ID) VALUES ('S009','14460008');

INSERT INTO Stock_PaymentRecord (Stock_ID, PR_ID) VALUES ('S010','66885170');
```

TECHNICIAN_EQUIPMENT

```
INSERT INTO Technician_Equipment (Technician_ID, Equipment_ID) VALUES ('TECH001', 1201);

INSERT INTO Technician_Equipment (Technician_ID, Equipment_ID) VALUES ('TECH002', 1202);

INSERT INTO Technician_Equipment (Technician_ID, Equipment_ID) VALUES ('TECH003', 1203);

INSERT INTO Technician_Equipment (Technician_ID, Equipment_ID) VALUES ('TECH004', 1204);

INSERT INTO Technician_Equipment (Technician_ID, Equipment_ID) VALUES ('TECH005', 1205);
```

```sql
INSERT INTO Technician_Equipment (Technician_ID, Equipment_ID) VALUES ('TECH006', 1206);

INSERT INTO Technician_Equipment (Technician_ID, Equipment_ID) VALUES ('TECH007', 1207);

INSERT INTO Technician_Equipment (Technician_ID, Equipment_ID) VALUES ('TECH008', 1208);

INSERT INTO Technician_Equipment (Technician_ID, Equipment_ID) VALUES ('TECH009', 1209);

INSERT INTO Technician_Equipment (Technician_ID, Equipment_ID) VALUES ('TECH010', 1210);
```

Drop Table

```sql
DROP TABLE Direct_Purchase CASCADE CONSTRAINT;

DROP TABLE Tender CASCADE CONSTRAINT;

DROP TABLE Invoice CASCADE CONSTRAINT;

DROP TABLE Payment_Record CASCADE CONSTRAINT;

DROP TABLE Feedback CASCADE CONSTRAINT;

DROP TABLE Delivery_Stock CASCADE CONSTRAINT;

DROP TABLE EmergencyContact_Employee CASCADE CONSTRAINT;

DROP TABLE Technician_Equipment CASCADE CONSTRAINT;

DROP TABLE Equipment CASCADE CONSTRAINT;

DROP TABLE Service CASCADE CONSTRAINT;
```

```
DROP TABLE Emergency_Contact CASCADE CONSTRAINT;

DROP TABLE Training_Certificate CASCADE CONSTRAINT;

DROP TABLE Training CASCADE CONSTRAINT;

DROP TABLE Service_Equipment CASCADE CONSTRAINT;

DROP TABLE TrainingCertificate_Employee CASCADE CONSTRAINT;

DROP TABLE Training_Employee CASCADE CONSTRAINT;

DROP TABLE Training_Department CASCADE CONSTRAINT;

DROP TABLE Person CASCADE CONSTRAINT;

DROP TABLE PIC CASCADE CONSTRAINT;

DROP TABLE Employee CASCADE CONSTRAINT;

DROP TABLE Technician CASCADE CONSTRAINT;

DROP TABLE Sales_Person CASCADE CONSTRAINT;

DROP TABLE Company CASCADE CONSTRAINT;

DROP TABLE Leave_Form CASCADE CONSTRAINT;

DROP TABLE Contract CASCADE CONSTRAINT;

DROP TABLE Department CASCADE CONSTRAINT;

DROP TABLE Equipment_Payment_Record CASCADE CONSTRAINT;

DROP TABLE Invoice_Stock CASCADE CONSTRAINT;
```

```sql
DROP TABLE Invoice_PIC CASCADE CONSTRAINT;

DROP TABLE Stock_PaymentRecord CASCADE CONSTRAINT;

DROP TABLE Stock CASCADE CONSTRAINT;

DROP TABLE Photocopier CASCADE CONSTRAINT;

DROP TABLE Ink CASCADE CONSTRAINT;

DROP TABLE Delivery CASCADE CONSTRAINT;

DROP TABLE PIC_Visit CASCADE CONSTRAINT;

DROP TABLE Contract_Stock CASCADE CONSTRAINT;

DROP TABLE Employee_Supplier CASCADE CONSTRAINT;

DROP TABLE Feedback_Person CASCADE CONSTRAINT;

DROP TABLE Photocopier_Technician CASCADE CONSTRAINT;

DROP TABLE Supplier CASCADE CONSTRAINT;

DROP TABLE Technician_Servic
```

Part 3

File 1

FILE 1

This SQL query is designed to retrieve detailed information about technicians within a company by combining data from the Employee and Technician tables. Specifically, it extracts the monthly salary of each employee and the educational background of each technician. The query uses a JOIN operation based on the shared Employee_ID, linking general employee information with technician-specific details. This scenario might be used by the Human Resources (HR) or Operations department to evaluate the correlation between technician qualifications and salary levels, which can assist in workforce planning, compensation analysis, or training program development. By identifying which educational backgrounds are associated with higher salaries, the company can make informed decisions about recruitment strategies, salary adjustments, or career development paths for technical roles.

```
SELECT
    E.Employee_Monthly_Salary,     -- Non-primary attribute from
Employee
    T.Technician_Education          -- Non-primary attribute from
Technician
FROM
    Employee E
JOIN
    Technician T
    ON E.Employee_ID = T.Employee_ID;
```

```
SQL> SELECT
  2      E.Employee_Monthly_Salary,     -- Non-primary attribute from Employee
  3      T.Technician_Education          -- Non-primary attribute from Technician
  4  FROM
  5      Employee E
  6  JOIN
  7      Technician T
  8      ON E.Employee_ID = T.Employee_ID;

EMPLOYEE_MONTHLY_SALARY TECHNICIAN_EDUCATION
----------------------- ------------------------------------------------------------
                   4300 Diploma in Electrical Eng
                   3600 Certificate in HVAC
                   5800 Degree in Mechanical Eng
                   4000 Vocational Training
                   3200 Advanced Diploma in Electronics
                   5300 Certificate in Plumbing
                   6200 Diploma in Automotive Tech
                   3500 Technical School Certificate
                   6000 Degree in Mechatronics
                   3900 Diploma in Instrumentation

10 rows selected.
```

File 2

115

This SQL query retrieves comprehensive details about active contracts handled by salespersons who work with companies in the Technology industry. It joins four related tables: Employee, Sales_Person, Contract, and Company to display key information such as the company name, contract ID, contract status, and the Microsoft Office skill level of the salesperson involved. By filtering for companies specifically in the 'Technology' sector and contracts that are currently marked as 'Active', the query focuses on ongoing business engagements relevant to a targeted industry. The purpose of this query is to support sales performance analysis, contract management, and client relationship tracking within the technology domain. Additionally, by including the Microsoft Office skill level of the sales personnel, the company may evaluate if technical proficiency plays a role in managing high-value or ongoing contracts, which can be useful for training needs assessments, performance reviews, or strategic staffing decisions.

```
SELECT
    Co.Company_Name,
    COUNT(C.Contract_ID) AS Total_Active_Contracts
FROM
    Employee E
JOIN
    Sales_Person SP ON E.Employee_ID = SP.Employee_ID
JOIN
    Contract C ON SP.Sales_Person_ID = C.Sales_Person_ID
JOIN
    Company Co ON C.Company_Reference_No =
Co.Company_Reference_No
WHERE
    Co.Company_Industry = 'Technology'
    AND C.Contract_Status = 'Active'
GROUP BY
    Co.Company_Name;
```

```
COMPANY_NAME
--------------------------------------------------------------------------------
TOTAL_ACTIVE_CONTRACTS
----------------------
Axis Engineering Solutions
                         2

NexaTech Systems Sdn Bhd
                         2

Mechline Manufacturing Ltd
                         2


COMPANY_NAME
--------------------------------------------------------------------------------
TOTAL_ACTIVE_CONTRACTS
----------------------
Finix Capital Holdings
                         2

PeopleCentric HR Solutions
                         2

Stratigo Branding Agency
                         2


COMPANY_NAME
--------------------------------------------------------------------------------
TOTAL_ACTIVE_CONTRACTS
----------------------
GlobalRoute Logistics
                         2

Ascend Quality Consulting
                         2

Zenith Client Services
                         2


COMPANY_NAME
--------------------------------------------------------------------------------
TOTAL_ACTIVE_CONTRACTS
----------------------
Optivue Admin Solutions
                         2


10 rows selected
```

File 3

This SQL query retrieves detailed records of active and accepted deliveries for technology companies by joining six related tables PIC, Company, Contract, Delivery, Equipment, and PIC_Visit to display key information such as the PIC's ID and position, company name and industry, contract ID and status, delivery ID and client acceptance status, equipment details, and the PIC's visit date. It includes formatting commands to enhance the readability of the output in SQL*Plus and filters the results to only include contracts with a status of 'Active', deliveries accepted by the client, and companies operating in the 'Technology' industry. The purpose is to provide a comprehensive view of current delivery operations, allowing for effective monitoring of PIC responsibilities, supplier performance, and visit schedules, thereby supporting better decision-making in contract and delivery management.

```
SET LINESIZE 300

SET PAGESIZE 100

SET TRIMSPOOL ON

SET WRAP OFF

SET RECSEP WRAP

SET RECSEPCHAR '-'


COLUMN PIC_ID FORMAT A7

COLUMN PIC_Position FORMAT A20

COLUMN Company_Name FORMAT A35

COLUMN Company_Industry FORMAT A12

COLUMN Contract_ID FORMAT A10

COLUMN Contract_Status FORMAT A8

COLUMN Delivery_ID FORMAT A11

COLUMN Delivery_Client_Acceptance_Status FORMAT A30

COLUMN Equipment_ID FORMAT A10

COLUMN Equipment_Name FORMAT A20

COLUMN PICV_ID FORMAT A7
```

```
COLUMN PICV_Visit_Date FORMAT A10

SELECT

    P.PIC_ID,

    P.PIC_Position,

    C.Company_Name,

    C.Company_Industry,

    CT.Contract_ID,

    CT.Contract_Status,

    D.Delivery_ID,

    D.Delivery_Client_Acceptance_Status,

    E.Equipment_ID,

    E.Equipment_Name,

    PV.PICV_ID,

    PV.PICV_Visit_Date

FROM

    PIC P

JOIN Person Pe ON P.Person_IC = Pe.Person_IC

JOIN Company C ON Pe.Company_Reference_No = C.Company_Reference_No

JOIN Contract CT ON CT.PIC_ID = P.PIC_ID

                AND CT.Company_Reference_No = C.Company_Reference_No

JOIN Delivery D ON D.PIC_ID = P.PIC_ID

                AND D.Company_Reference_No = C.Company_Reference_No

                AND D.Contract_ID = CT.Contract_ID

JOIN Equipment E ON E.Delivery_ID = D.Delivery_ID

JOIN PIC_Visit PV ON PV.PIC_ID = P.PIC_ID

WHERE

    C.Company_Industry = 'Technology'

    AND CT.Contract_Status = 'Active'

    AND D.Delivery_Client_Acceptance_Status = 'Accepted';
```

```
PIC_ID  PIC_POSITION       COMPANY_NAME               COMPANY_INDU CONTRACT_I CONTRACT DELIVERY_ID DELIVERY_CLIENT_ACCEPTANCE_STA EQUIPMENT_ EQUIPMENT_NAME   PICV_ID PICV_VISIT
------- ------------------ -------------------------- ------------ ---------- -------- ----------- ------------------------------ ---------- ---------------- ------- ----------
PIC001  Operations Manager Axis Engineering Solutions Technology   C001       Active   D001        Accepted                       1201       Drill Machine    PV001   01-JUN-25
PIC002  IT Supervisor      NexaTech Systems Sdn Bhd   Technology   C002       Active   D002        Accepted                       1202       Drill Machine    PV002   02-JUN-25
PIC003  Senior Engineer    Mechline Manufacturing Ltd Technology   C003       Active   D003        Accepted                       1203       Laser Printer    PV003   03-JUN-25
PIC004  Finance Director   Finix Capital Holdings     Technology   C004       Active   D004        Accepted                       1204       Drill Machine    PV004   04-JUN-25
PIC005  HR Manager         PeopleCentric HR Solutions Technology   C005       Active   D005        Accepted                       1205       Drill Machine    PV005   05-JUN-25
PIC006  Marketing Head     Stratigo Branding Agency   Technology   C006       Active   D006        Accepted                       1206       Drill Machine    PV006   06-JUN-25
PIC007  Logistics Manager  GlobalRoute Logistics      Technology   C007       Active   D007        Accepted                       1207       Welding Kit      PV007   07-JUN-25
PIC008  QA Specialist      Ascend Quality Consulting  Technology   C008       Active   D008        Accepted                       1208       Cooling Fan      PV008   08-JUN-25
PIC009  Sales Executive    Zenith Client Services     Technology   C009       Active   D009        Accepted                       1209       Laser Printer    PV009   09-JUN-25
PIC010  Admin Coordinator  Optivue Admin Solutions    Technology   C010       Active   D010        Accepted                       1210       Cooling Fan      PV010   10-JUN-25

10 rows selected.
```

File 4

This query retrieves detailed records of new stock items that have been paid via bank transfer, delivered and accepted, and supplied by active suppliers. It joins nine related tables Payment_Record, Stock_PaymentRecord, Stock, Supplier, Invoice, Delivery, Photocopier, Ink and Feedback to display key information like photocopier model, ink color, and feedback rating.The purpose is to give insights into recently completed stock transactions, including supplier performance and customer feedback. Results are sorted by the most recent payment (PR_ID DESC), supporting inventory tracking, supplier evaluation, and service quality analysis.

```
SET LINESIZE 200

SET PAGESIZE 50


COLUMN PR_ID FORMAT 999999999999999 HEADING 'Payment_ID'

COLUMN Invoice_ID FORMAT 999999999999999 HEADING 'Invoice_ID'




SELECT

  pr.PR_ID,                          -- Payment_Record

  i.Invoice_ID,                      -- Invoice

  s.Supplier_Name,                   -- Supplier

  st.Stock_Condition,                -- Stock

  d.Delivery_ID,                     -- Delivery

  p.Photocopier_Model_Name,         -- Photocopier

  ink.Ink_Colour,                    -- Ink

  f.Feedback_Rating                  -- Feedback

FROM Payment_Record pr

JOIN Stock_PaymentRecord spr ON pr.PR_ID = spr.PR_ID

JOIN Stock st ON spr.Stock_ID = st.Stock_ID

JOIN Supplier s ON st.Supplier_ID = s.Supplier_ID

JOIN Invoice i ON pr.Invoice_ID = i.Invoice_ID
```

```
JOIN Delivery d ON d.PR_ID = pr.PR_ID

JOIN Photocopier p ON st.Stock_ID = p.Stock_ID

JOIN Ink ink ON st.Stock_ID = ink.Stock_ID

JOIN Feedback f ON st.Stock_ID = f.Stock_ID          -- New join
to Feedback

WHERE s.Supplier_Status = 'Active'                    -- Constraint
from Supplier

  AND st.Stock_Condition = 'New'                      -- Constraint
from Stock

  AND pr.PR_Method = 'Bank Transfer'                  -- Constraint
from Payment_Record

  AND d.Delivery_Client_Acceptance_Status = 'Accepted' -- Constraint
from Delivery

ORDER BY pr.PR_ID DESC;
```

Payment_ID	Invoice_ID	SUPPLIER_NAME	DELIVERY_I	STOCK_ID	FEEDBACK_RATING
81478419	84558036	Melton-Brown	D005	S005	2.6
76878741	61786028	Barber-Wu	D001	S001	2.3
70504306	77078758	Mclean PLC	D007	S007	2.7
66885170	84558036	Rivera, Mcdonald and Herrera	D010	S010	1.0
64963010	67845239	Weaver, Rush and Mcknight	D008	S008	3.3
63048870	77078758	Baxter-Olson	D002	S002	.6
18254278	56616134	Douglas, Brown and Bond	D006	S006	3.9
16175132	67845239	Browning Inc	D003	S003	3.0

File 5

This SQL script creates a view named View_Contract_PIC_Company that displays contract details involving companies in the Technology industry by joining the Contract, PIC, and Company tables through matching foreign keys. It selects key attributes such as contract ID, PIC ID, company reference number, contract status, total value, PIC position, and company name, while filtering results to include only companies whose industry is labeled as 'Technology'. The script also includes SQL*Plus formatting commands to ensure a clean and structured display of the output. Finally, the SELECT statement retrieves all records from the view, providing a focused summary useful for analyzing technology-related contracts and the individuals responsible for them.

```
CREATE OR REPLACE VIEW View_Contract_PIC_Company AS

SELECT

    C.Contract_ID,

    P.PIC_ID,

    Co.Company_Reference_No

FROM

    Contract C

JOIN PIC P ON C.PIC_ID = P.PIC_ID

JOIN    Company    Co    ON    C.Company_Reference_No    =
Co.Company_Reference_No

WHERE

    Co.Company_Industry = 'Technology';

SET LINESIZE 200

SET PAGESIZE 100

COLUMN Contract_ID FORMAT A12

COLUMN PIC_ID FORMAT A8

COLUMN Company_Reference_No FORMAT A15


SELECT * FROM View_Contract_PIC_Company;
```

```
CONTRACT_ID  PIC_ID    COMPANY_REFEREN
-----------  --------  ---------------
C001         PIC001    CRN001
C002         PIC002    CRN002
C003         PIC003    CRN003
C004         PIC004    CRN004
C005         PIC005    CRN005
C006         PIC006    CRN006
C007         PIC007    CRN007
C008         PIC008    CRN008
C009         PIC009    CRN009
C010         PIC010    CRN010
C011         PIC001    CRN001
C012         PIC002    CRN002
C013         PIC003    CRN003
C014         PIC004    CRN004
C015         PIC005    CRN005
C016         PIC006    CRN006
C017         PIC007    CRN007
C018         PIC008    CRN008
C019         PIC009    CRN009
C020         PIC010    CRN010

20 rows selected.
```

Blank Form

ALLIANCE COPIER SALES & SERVICE

PG0093697-D

NO.8, LORONG PERDA UTAMA 11, BANDAR PERDA,
14000 BUKIT MERTAJAM, PULAU PINANG.
Tel : 04-5382248   Fax : 04-5373148   E-mail : acsspg@gmail.com

LEAVE REQUEST FORM

Date : ....

(To Be Filled In By Applicant)

Employee Name :	
Department	
Designation	
Leave Applied For .... Days.	FROM : TO :
Type Of Leave	☐ ANNUAL LEAVE ☐ UNPAID LEAVE ☐ SICK LEAVE
Reasons For Leave	
No Of Days	
Contact Tel No	
Signature Of The Applicant	

For Office Use Only

Leave sanctioned by :   YES ☐   NO ☐
(Head of the department)

Signature :   ....   Date :

SSM Registration

SURUHANJAYA SYARIKAT MALAYSIA
COMPANIES COMMISSION OF MALAYSIA

SUNGGUHPUN SEGALA USAHA TELAH DIAMBIL UNTUK MEMASTIKAN MAKLUMAT YANG DIBERI ADALAH BETUL DAN KEMASKINI PENDAFTAR PERNIAGAAN TIDAK BOLEH DIPERTANGGUNGKAN BAGI SEBARANG KERUGIAN KERANA MAKLUMAT YANG TERSILAP ATAU TERTINGGAL

** MAKLUMAT PERNIAGAAN **

NAMA PERNIAGAAN	: ALLIANCE COPIER SALES & SERVICE
NO PENDAFTARAN	: 200103124557 (PG0093697-D)
ALAMAT UTAMA PERNIAGAAN	: NO. 8 LORONG PERDA UTAMA 11
	BANDAR PERDA
	14000 BUKIT MERTAJAM
	PULAU PINANG
BENTUK PERNIAGAAN	: PEMILIKAN TUNGGAL
TARIKH MULA BERNIAGA	: 27-11-2001
TARIKH PENDAFTARAN	: 28-11-2001
TARIKH LUPUT PENDAFTARAN	: 23-12-2030
TARIKH PERUBAHAN TERAKHIR	: 21-04-2017
STATUS	: AKTIF

** JENIS PERNIAGAAN **

MENGIMPORT, MENGEKSPORT, MENYEWA, MEMBAIKI DAN MENJUAL ALAT-ALAT GANTI, MESIN FOTOSTAT DAN ALATAN PEJABAT, ALATULIS DAN PERKHIDMATAN FOTOSTAT

** MAKLUMAT CAWANGAN **

1) NO.100, LORONG ANGGERIK 3/36, TAMAN AMANJAYA, 08000 SUNGAI PETANI,KEDAH

Nama Perniagaan : ALLIANCE COPIER SALES & SERVICE
Nombor Pendaftaran : 200103124357 (PG0093692-D)

** MAKLUMAT PEMILIK PERNIAGAAN TERKINI **

NAMA	: RAHMATHULLAH KHAN BIN MURUSAL IBRAHIM
ALAMAT KEDIAMAN	: BLOK C-7-15,RUMAH PANGSA,PADANG TEMBAK,AYER ITAM
	11400 PULAU PINANG,PULAU PINANG
NO K/P (LAMA)	: A2986806
NO K/P (BARU)	: 750118075343
TARIKH LAHIR	: 18-01-1975
BANGSA	: INDIA MUSLIM
JANTINA	: LELAKI
KEWARGANEGARAAN	: WARGANEGARA MALAYSIA
TARIKH MASUK	: 28-08-2002

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BORANG E (KAEDAH 13)

PERAKUAN PEMBAHARUAN PENDAFTARAN
AKTA PENDAFTARAN PERNIAGAAN 1956

Dengan ini diperakui bahawa perniagaan yang dijalankan dengan nama

ALLIANCE COPIER SALES & SERVICE
NO. PENDAFTARAN: 200103124557 (PG0093697-D)

telah didaftarkan dari hari ini sehingga **23 DISEMBER 2030** di bawah Akta Pendaftaran Perniagaan 1956, beralamat di **NO. 8 LORONG PERDA UTAMA 11 BANDAR PERDA , 14000 BUKIT MERTAJAM, PULAU PINANG.**

Bil. Cawangan : SATU (1)

Bertarikh di **SISTEM EZBIZ** pada **12 MAC 2024.**

DATUK NOR AZIMAH ABDUL AZIZ
Pendaftar Perniagaan
Semenanjung Malaysia

SURUHANJAYA SYARIKAT MALAYSIA
COMPANIES COMMISSION OF MALAYSIA

BORANG E (KAEDAH 13)

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AKTA PENDAFTARAN PERNIAGAAN 1956

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ALLIANCE COPIER SALES & SERVICE
NO. PENDAFTARAN: 200103124557 (PG0093697-D)

telah didaftarkan dari hari ini sehingga **23 DISEMBER 2030** di bawah Akta Pendaftaran Perniagaan 1956, beralamat di **NO. 8 LORONG PERDA UTAMA 11 BANDAR PERDA , 14000 BUKIT MERTAJAM, PULAU PINANG** dan cawangan di:-

NO.100, LORONG ANGGERIK 3/36, TAMAN AMANJAYA, 08000 SUNGAI PETANI, KEDAH.

Bertarikh di SISTEM EZBIZ pada **12 MAC 2024.**

DATUK NOR AZIMAH ABDUL AZIZ
Pendaftar Perniagaan
Semenanjung Malaysia