ACCOUNTANTS

| 4 | Field Name | Data Type | |
|----|----------------|------------|--------------------------------------|
| T. | EMP_ID | Short Text | Contains the employee ID |
| | CPA_LICENSE | Short Text | the accountant's CPA license |
| | MAX_D_AMT_AUTH | Currency | the maximum dollar amount authorized |
| | NUM_INVOICES | Number | and the number of invoices |
| | | | |
| | | | |
| | | | |

Accountants

EMP_ID: Employee ID (Foreign Key, refers to Employee.EMP_ID)

CPA_License: CPA License

Max DollarAmount Authorized: Maximum Dollar Amount Authorized

Num_Of_Invoices: Number of Invoices

EMP_ID must be unique and not null, and refers to an existing Employee.EMP_ID (Foreign Key constraint).

CPA_License must not be null and should have a maximum length of 50 characters.

Max_DollarAmount_Authorized must be a positive number or zero, not null, and should be stored in a numeric data type (decimal).

Num_Of_Invoices must be a non-negative integer (zero or positive) and not null.

| | AGENTS |
|--|--------|
|--|--------|

| 4 | Field Name | Data Type | |
|---|-----------------|------------|--------------------------------|
| Ü | EMP_ID | Short Text | Sales Rep Number (Primary Key) |
| | AGENT_COMMISION | Currency | Last Name of Sales Rep |
| | | | |
| | | | |
| | | | |
| | | | |

Agents

EMP ID: Employee ID (Foreign Key, refers to Employee.EMP ID)

Agent_Commission: Agent Commission

EMP_ID must be unique not null and refers to an existing Employee.EMP_ID (Foreign Key Constraint)

Agent_Commission must be a positive number or zero, no null, and should be stored in a numeric data type

APPLICATIONS

| 4 | Field Name | Data Type | |
|----|------------|------------|----------------------|
| T. | C_ID | Short Text | Contains customer ID |
| | APP_DATE | Date/Time | application date |
| | P_ID | Short Text | Policy ID |
| | | | |
| | | | |
| | | | |

Applications

C_ID: Claim ID (Primary Key and Foreign Key)
P_ID: Policy Date (Primary Key and Foreign Key)

App_Date: Application Date

C_ID is a foreign key referencing the "Claims" table

P_ID is a unique identifier for each application; cannot be null

CLAIMS

| Field Name | Data Type | |
|--------------|------------|----------------------------------|
| CLAIM_ID | Short Text | Contains claim ID |
| TOTAL_AMOUNT | Currency | the total amount claimed |
| CLAIM_TYPE | Short Text | claim type |
| DATE_FILED | Date/Time | the date the claim was filed |
| OFFICE | Short Text | the office assigned to the claim |
| CLAIM_DATE | Date/Time | Claim date |
| P_ID | Short Text | Policy ID |
| EMP_ID | Short Text | Employee ID |
| | | |
| | | |

Claims

C_ID: Claim ID (Primary Key)
C_FName: Claimant First Name
C_LName: Claimant Last Name
C_Address: Claimant Address

C_City: Claimant City C_State: Claimant State C_Zip: Claimant Zip

Emp_ID: Employee ID (foreign key)

C_ID is a unique identifier for each claim; cannot be null

C_Address, C_City, C_State, C_Zip cannot be null

Emp ID is the foreign key referencing the employee responsible for the claim

| | UNDERWRITERS | | |
|---|----------------------|------------|-------------------------|
| 4 | Field Name | Data Type | |
| Ü | EMP_ID | Short Text | Contains employee ID |
| | UNDERWRITER_LICENSES | Short Text | underwriter's license |
| | MAX_RISK_AUTH | Short Text | maximum risk authorized |
| | | | |
| | | | |

Underwriters

EMP_ID: Employee ID (Foreign Key, refers to Employee.EMP_ID)

UNDERWRITER_LICENSES: Underwriter Licenses MAX_RISK_AUTH: Maximum Risk Authorization

EMP_ID must be unique not null and refers to an existing Employee.EMP_ID (Foreign Key Constraint)

UNDERWRITER_LICENSES must not be null anbd should have a maximum length of 250 characters

MAX_RISK_AUTH must be a positive number, no null and should be stored in a numeric data set.

■ CLIENT

| 4 | Field Name | Data Type | |
|----|------------|------------|---|
| T. | C_ID | Short Text | Primary Key is Customer Number |
| | C_FNAME | Short Text | Customer First Name |
| | C_LNAME | Short Text | Customer Last Name |
| | C_ADDRESS | Short Text | Street Address |
| | C_CITY | Short Text | City |
| | C_STATE | Short Text | State (Two Chars) |
| | C_ZIP | Short Text | Zip Code (Five Chars) |
| | EMP_ID | Short Text | Number of Matching Sales Representative |
| | | | |
| | | | |

Clients

C_ID: Client ID (Primary Key)

C_FNAME: Client First Name C_LNAME: Client Last Name C_ADDRESS: Client Address

C_ZIP: Client Zip Code C_STATE: Client State C CITY: Client City

EMP_ID: Employee ID (Foreign Key, refers to Agents.EMP_ID)

C_ID must be unique and not null.

C FNAME must not be null and should have a maximum length of 50 characters.

C LNAME must not be null and should have a maximum length of 50 characters.

C_ADDRESS must not be null and should have a maximum length of 100 characters.

- C_ZIP must not be null and should have a maximum length of 10 characters.
- C_STATE must not be null and should have a maximum length of 2 characters
- C CITY must not be null and should have a maximum length of 50 characters.

EMP_ID must not be null and should refer to an existing Agents.EMP_ID (Foreign Key constraint).

EMPLOYEE

| 4 | Field Name | Data Type | |
|----|------------|------------|----------------------|
| T. | EMP_ID | Short Text | Contains employee ID |
| | EMP_FNAME | Short Text | Employee first name |
| | EMP_LNAME | Short Text | Employee last name |
| | EMP_SALARY | Currency | Employee salary |
| | JOB_TYPE | Short Text | Job type |
| | | | |
| | | | |

Employee

EMP_ID: Employee ID (Primary Key) EMP_FNAME: Employee First Name EMP_LNAME: Employee Last Name EMP_SALARY: Employee Salary

JOB_TYPE: Job Type

EMP_ID must be unique not null

EMP_FNAME must not be null and should have a maximum length of 20 characters

EMP_LNAME must not be null and should have a maximum length of 20 characters

EMP Salary must be a positive number, no null and should be stored in a numeric data type.

| Field Name | Data Type | |
|---------------|------------|------------------------------|
| INV_ID | Short Text | Contains invoice ID |
| TAX_AMT | Currency | Amount of tax on the invoice |
| TOTAL_AMT_DUE | Currency | Amount due on the invoice |
| C_ID | Short Text | Client ID |
| EMP_ID | Short Text | Employee ID |
| PD_ID | Short Text | POLICY DETAILS |
| P_ID | Short Text | |

Invoices

INV_ID: Invoice ID (Primary Key)

C_ID: Customer ID (Foreign Key)

EMP_ID: Employee ID (Foreign Key, refers to Accountants.EMP_ID)

PD_ID: Product ID (Foreign Key)
P_ID: Payment ID (Foreign Key)

TOTALAMOUNTDUE: Total Amount Due

INV ID must be unique and not null.

C_ID must not be null and should refer to an existing Customer entity (Foreign Key constraint). EMP_ID must not be null, and it should refer to an existing Accountants.EMP_ID (Foreign Key constraint).

PD_ID must not be null and should refer to an existing Product entity (Foreign Key constraint). P_ID must not be null and should refer to an existing Payment entity (Foreign Key constraint). TOTALAMOUNTDUE must be a positive number or zero, not null, and should be stored in a numeric data type (decimal).

| | POLICIES | | |
|----|-------------------|------------|------------------------|
| _ | Field Name | Data Type | |
| T. | P_ID | Short Text | Contains the policy ID |
| | P_TYPE | Short Text | Policy type |
| | P_STARTDATE | Date/Time | Policy Start Date |
| | P_ENDDATE | Date/Time | Policy End Date |
| | COVERAGE_TYPE | Short Text | Coverage type |
| | DEDUCTIBLE_AMOUNT | Currency | Deductible Amount |
| | | | |
| | | | |

Policies

P_ID: Policy ID (Primary Key)

P_DATE: Policy Date
P TYPE: Policy Type

P_STARTDATE: Policy Start Date
P_ENDDATE: Policy End Date

COVERAGE_TYPE: Coverage Type

DEDUCTIBLEAMOUNT: Deductible Amount

P_ID must be unique and not null.

P_DATE must not be null and should be stored in a date data type.

P_TYPE must not be null and should have a maximum length of 50 characters.

P_STARTDATE must not be null and should be stored in a date data type.

P_ENDDATE must not be null and should be stored in a date data type.

COVERAGE_TYPE must not be null and should have a maximum length of 50 characters. DEDUCTIBLEAMOUNT must be a positive number or zero, not null, and should be stored in a

numeric data type (decimal).

HEALTH INSURANCE POLICIES

| 4 | Field Name | Data Type | |
|----|---------------|------------|--------------------|
| T. | P_ID | Short Text | Contains policy ID |
| | PROVIDER_NAME | Short Text | Provider name |
| | CO_PAY | Currency | Co-pay amount |
| | | | |
| | | | |
| | | | |

Health Insurance Policies

P_ID: Policy ID (Primary Key and Foreign Key) Provider_Name: Healthcare Provider Name Co_Pay: Co-Pay Amount for the Policy

P_ID is a foreign key referencing the "Policies" table

| Field Name | Data Type | |
|------------------|------------|--|
| P_ID | Short Text | Contains policy ID, property type, and the address, city, state, and zip of the property |
| PROPERTY_TYPE | Short Text | Property Type |
| PROPERTY_ADDRESS | Short Text | Address of the property |
| PROPERTY_CITY | Short Text | City |
| PROPERTY_STATE | Short Text | State |
| PROPERTY ZIP | Short Text | Zip |

Homeowner Insurance Policies

P_ID: Policy ID (Primary Key and Foreign Key)

Property_Type: Type of Property Insured Property_Address: Property Address

Property_City: Property City Property_Zip: Property Zip

P_ID is a foreign key referencing the "Policies" table

| AUTO INSURANCE POLICIES | | | |
|-------------------------|------------------|------------|-----------------------------|
| _ | Field Name | Data Type | |
| Ħ | P_ID | Short Text | Contains policy ID |
| | AUTO_MAKE | Short Text | Make of car |
| | AUTO_MODEL | Short Text | Model of car |
| | AUTO_YEAR | Short Text | Year the car was made |
| | AUTO_DRIVERFNAME | Short Text | insured driver's first name |
| | AUTO_DRIVERLNAME | Short Text | insured driver's last name |
| | | | |

Auto Insurance Policies

P_ID: Policy ID (Primary Key and Foreign Key)

Make: Make of Insured Vehicle Model: Model of Insured Vehicle Year: Year of Insured Vehicle

Driver_FName: First Name of Insured Driver Driver_LName: Last Name of Insured Driver

P_ID is a foreign key referencing the "Policies" table

| B | LIFE INSURANCE POLICIES | | | |
|----|-------------------------|------------|------------------------|--|
| _ | Field Name | Data Type | | |
| T. | P_ID | Short Text | Contains policy ID | |
| | BENEFICIARY_FNAME | Short Text | Beneficiary First Name | |
| | BENEFICIARY_LNAME | Short Text | Beneficiary Last Name | |
| | POLICY_HOLDER | Short Text | Policy Holder Name | |
| | | | | |
| | | | | |

Life Insurance Policies

P_ID: Policy ID (Primary Key and Foreign Key)

Beneficiary_FName: First Name of the Policy Beneficiary Beneficiary_LName: Last Name of the Policy Beneficiary

Policy_Holder: Name of the Policy Holder

P_ID is a foreign key referencing the "Policies" table

RENTER INSURANCE POLICIES

| 4 | Field Name | Data Type | |
|---|----------------|------------|------------------------|
| Ü | P_ID | Short Text | Contains the policy ID |
| | RENTAL_TYPE | Short Text | Rental type |
| | RENTAL_ADDRESS | Short Text | Rental address |
| | RENTAL_CITY | Short Text | City |
| | RENTAL_STATE | Short Text | State |
| | RENTAL_ZIP | Short Text | Zip |
| | | | |

Renter Insurance Policies

P_ID: Policy ID (Primary Key and Foreign Key)

Rental_Type: Type of Rental Insured Rental_Address: Rental Address

Rental_City: Rental City
Rental_State: Rental State
Rental_Zip: Rental Zip

P_ID is a foreign key referencing the "Policies" table

POLICY DETAILS

| 4 | Field Name | Data Type | |
|----|-------------------|------------|-------------------|
| T. | PD_ID | Short Text | policy details ID |
| | PREMIUM_AMOUNT | Currency | Premium amount |
| | PREMIUM_STARTDATE | Date/Time | Start Date |
| | PREMIUM_ENDDATE | Date/Time | End Date |
| | EMP_ID | Short Text | Employee ID |
| | P_ID | Short Text | Policy ID |
| | | | |

Policies

P_ID: Policy ID (Foreign Key)

P_Type: Policy Type

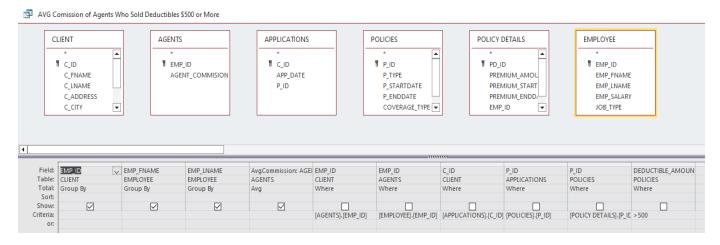
P_StartDate: Policy Start Date P_EndDate: Policy End Date

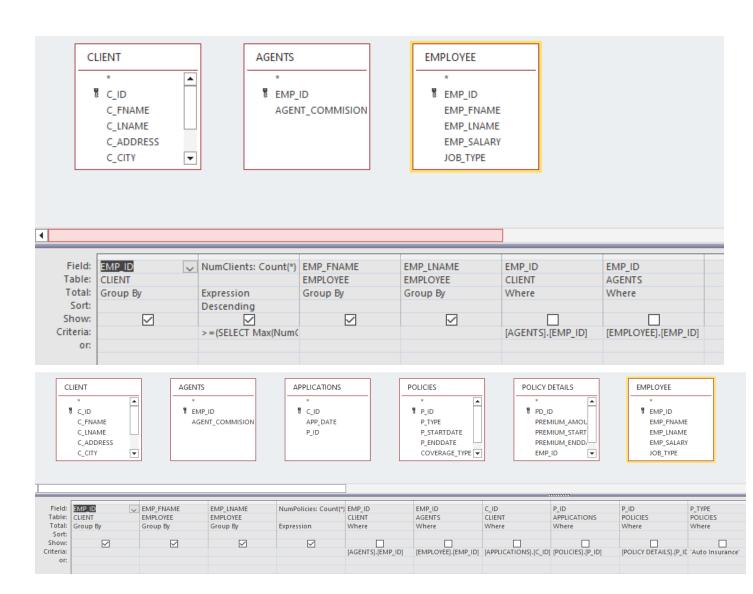
Coverage_Type: Coverage Type Provided by the Policy

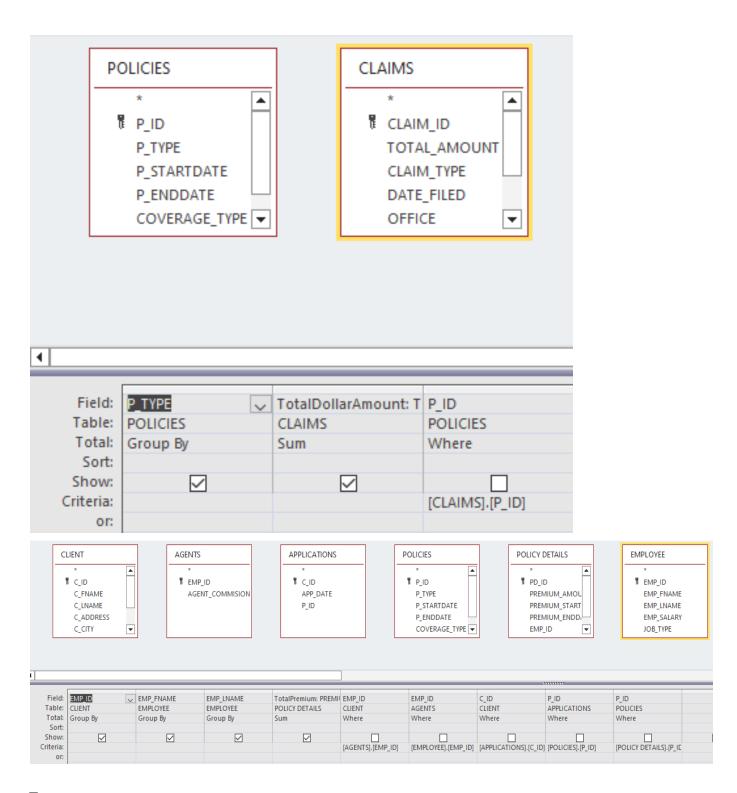
Deductible_Amount: Deductible Amount

P ID is a unique identifier for each policy; cannot be null

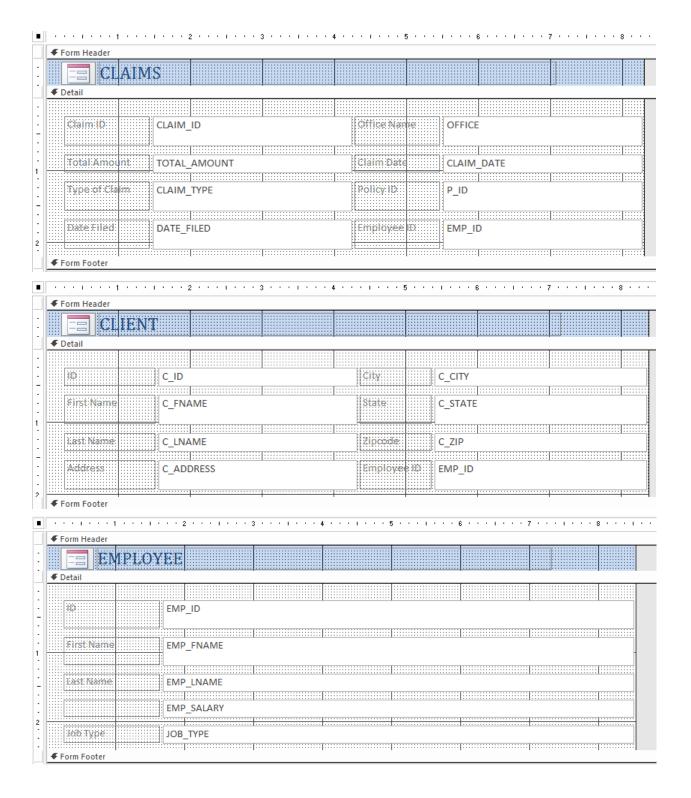
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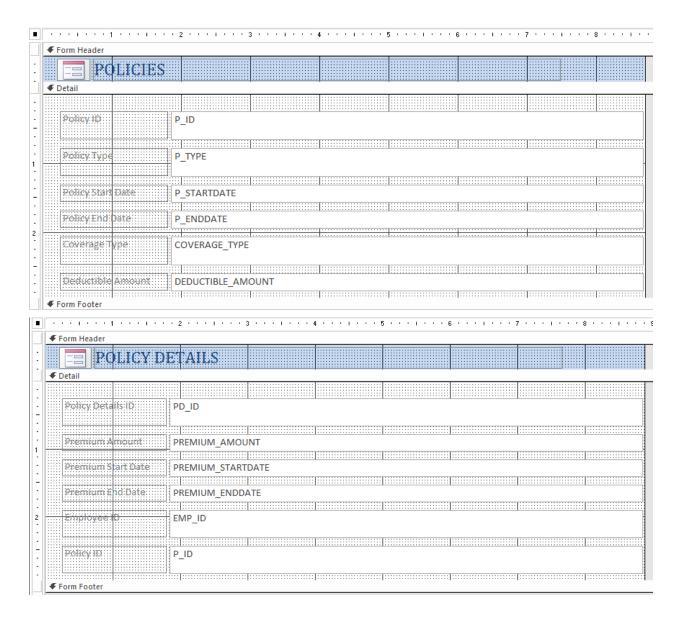




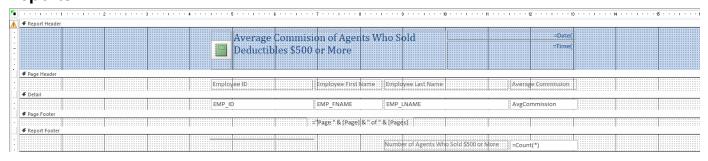


Forms





Reports



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