Property Maintenance

Service_Request

PK	Request_id	SERIAL
FK	Property_id	INTEGER
	Request_Date	DATE
	Issue_Description	TEXT
	Status	BOOLEAN
	Resolved_Date	DATE

Inspection_Reports

PK	Inspection_id	SERIAL
FK	Property_id	INTEGER
	Inspection_Date	DATE
	Inspection_Result	VARCHAR(100)
	Follow_Up_Required	BOOLEAN
	Notes	TEXT

Transportation

PK	Transit_id	SERIAL
	Bus	VARCHAR(100)
	Subway	VARCHAR(100)
	Regional_Rail	VARCHAR(100)

Neighborhood

PK	Neighborhood_id	SERIAL
	Neighborhood_Name	VARCHAR(50)
	Crime_Rate	INTEGER
	School_Rate	INTEGER
	Economic_Growth_Index	INTEGER
	Local_Amenities	INTEGER

Building_Features

PK	Feature_id	SERIAL
	Condition	VARCHAR(50)
	Garden	BOOLEAN
	Pet_Allowed	BOOLEAN
	Gym	BOOLEAN
	BBQ_Grill	BOOLEAN
	Open_Rooftop	BOOLEAN
	Indoor_Lundary	BOOLEAN

Construction_Feature

PK	Construrction_id	SERIAL
	Architectural_Style	VARCHAR(50)
	Construction_Material	VARCHAR(50)
	Foundation	VARCHAR(50)
	Condition	VARCHAR(50)

Geography and Community

Utilitiy_Coverage

PK	Utility_id	SERIAL
	Electricity	VARCHAR(50)
	Water	VARCHAR(50)
	Gas	VARCHAR(50)
	Internet	VARCHAR(50)

Security_Condition

PK	Secuirty_id	INTEGER
	Door_Man	BOOLEAN
	Security_Man	BOOLEAN
	Camera	BOOLEAN
	Exterior_Gate	BOOLEAN

Property_Image

PK	Image_id	SERIAL
FK	Property_id	INTEGER
	Image	BYTEA

Property Fundamentals

Property

PK	Property_id	SERIAL
FK	Transit_id	INTEGER
FK	Neighborhood_id	INTEGER
FK	Secuirty_id	INTEGER
FK	Utility_id	INTEGER
FK	Feature_id	INTEGER
FK	Construction_id	INTEGER
	Address	VARCHAR(255)
	Zipcode	INTEGER
	State	VARCHAR(50)
	City	VARCHAR(50)
	Year_Built	INTEGER
	Square_Feet	INTEGER
	Property_Type	VARCHAR(20)
	Bedroom_Number	INTEGER
	Bathroom_Number	INTEGER
	Description	TEXT

Transaction Processing

Loan_Suggestion

PK	Loan_id	SERIAL
FK	Lisitng_id	INTEGER
FK	Client_id	INTEGER
	Loan_Type	VARCHAR(50)
	Loan_Amount	DECIMAL
	Interest_Rate	DECIMAL
	Provider	VARCHAR(100)
	Preapproval_Status	BOOLEAN

Property_Listing

PK	Lisitng_id	SERIAL
FK	Property_id	INTEGER
FK	Agent_id	INTEGER
	Date_Listed	DATE
	Price	INTEGER
	Listing_Type	VARCHAR(50)
	Listing_Status	VARCHAR(50)

Agent

PK	Agent_id	SERIAL
	Address	VARCHAR(255)
	Zipcode	INTEGER
	State	VARCHAR(50)
	City	VARCHAR(50)
	Phone	VARCHAR(50)

Client Management

Client_Preferences

PK, FK	Client_id	INTEGER
PK	Pereference_id	SERIAL
	Property_Type	VARCHAR(20)
	Bedrooms	INTEGER
	Bathrooms	INTEGER
	Square_Footage	INTEGER
	Preferred_School_Rating	INTEGER

Client

PK	Client_id	SERIAL
	Client_Name	VARCHAR(100)
	Client_Type	VARCHAR(50)
	Email	VARCHAR(100)
	Phone	VARCHAR(50)

Appointments

PK	Appointment_id	SERIAL
FK	Client_id	INTEGER
FK	Listing_id	INTEGER
FK	Employees_id	INTEGER
	Appointment_Type	VARCHAR(50)
	Appointment_Date	DATE
	Appointment_Time	TIME
	Latest_Status	VARCHAR(100)

Feedback

PK	Feedback_id	SERIAL
FK	Transaction_id	INTEGER
	Rating	INTEGER
	Feedback_Date	DATE

Transactions

PK	Transaction_id	SERIAL
FK	Client_id	INTEGER
FK	Listing_id	INTEGER
FK	Owner_id	INTEGER
FK	Appointment_id	INTEGER
FK	Employees_id	INTEGER
	Date_of_Transaction	DATE
	Status	VARCHAR(100)
	Final_Price	INTEGER
	Agent_Fee_Percentage	INTEGER

Corporate Operations

Employees

PK	Employees_id	SERIAL
FK	Agent_id	INTEGER
	Employees_Name	VARCHAR(50)
	Email	VARCHAR(100)
	Phone	VARCHAR(50)
	Position	VARCHAR(100)
	Employment_Type	VARCHAR(50)

Property_Owner

PK	Owner_id	SERIAL
	Owner_Name	VARCHAR(100)
	Email	VARCHAR(100)
	Phone	VARCHAR(50)