Database senior_project

Table structure for table admin

Column	Type	Null	Default
admin_id	int(11)	No	
user_id	int(11)	No	

Table structure for table certificate

Column	Type	Null	Default
certificate_id	int(11)	No	
img	varchar(255)	No	
application_id	int(11)	No	

Table structure for table client

Column	Type	Null	Default
client_id	int(11)	No	
user_id	int(11)	No	
address	varchar(255)	No	

Table structure for table deliverable

Column	Type	Null	Default
deliverable_id	int(11)	No	
deliverable_name	varchar(100)	No	
deliverable_type	varchar(100)	No	
description	text	No	
submission_date	date	No	
file_path	varchar(255)	No	
project_id	int(11)	No	

Table structure for table document_type

Column	Type	Null	Default
document_type_id	int(11)	No	
type_name	varchar(100)	No	
description	text	No	

Table structure for table equipment

Column	Type	Null	Default
equipment_id	int(11)	No	
equipment_name	varchar(100)	No	
equipment_type	varchar(100)	No	
serial_number	varchar(100)	Yes	NULL
model	varchar(100)	Yes	NULL
manufacturer	varchar(100)	Yes	NULL
cost	decimal(10,2)	No	
status	varchar(50)	No	

Table structure for table expense

Column	Type	Null	Default
expense_id	int(11)	No	
amount	decimal(12,2)	No	
description	text	No	
expense_date	date	No	

Table structure for table has_servicerequest_submitteddocument

Column	Type	Null	Default
has_servicerequest_submitteddocument_id	int(11)	No	
service_request_id	int(11)	No	
submitted_document_id	int(11)	No	

Table structure for table hr

Column	Type	Null	Default
hr_id	int(11)	No	
user_id	int(11)	No	

Table structure for table interview_schedule

Column	Type	Null	Default
schedule_id	int(11)	No	
interview_date	date	No	
interview_time	time	No	
interview_type	varchar(50)	No	
result	varchar(50)	No	
status	varchar(50)	Yes	NULL
hr_id	int(11)	No	
application_id	int(11)	Yes	NULL

Table structure for table job_application

Column	Type	Null	Default
application_id	int(11)	No	

applicant_name	varchar(100)	No	
application_date	date	No	
applicant_email	int(100)	No	
applicant_phone	int(20)	No	
cover_letter	text	Yes	NULL
cv_file_path	varchar(255)	No	
status	varchar(50)	No	
user_id	int(11)	No	
job_id	int(11)	No	
hr_id	int(11)	No	

Table structure for table job_opportunity

Column	Type	Null	Default
job_id	int(11)	No	
job_title	varchar(100)	No	
number_of_positions	int(11)	No	
requirements	text	No	
responsibilities	text	No	
status	varchar(50)	No	
hr_id	int(11)	No	

Table structure for table land

Column	Type	Null	Default
land_id	int(11)	No	
land_address	varchar(255)	No	
land_area	decimal(10,2)	No	
land_type	varchar(100)	No	
coordinates_latitude	decimal(10,6)	Yes	NULL
coordinates_longitude	decimal(10,6)	Yes	NULL
general_description	text	No	
specific_location_notes	text	No	

Table structure for table land_listing

Column	Type	Null	Default
listing_id	int(11)	No	
listing_date	date	No	
asking_price	decimal(12,2)	No	
status	varchar(50)	No	
company_percentage	decimal(30,0)	No	
company_profit	int(20)	No	
approval_status	varchar(100)	No	
rejection_reason	varchar(255)	No	
description	varchar(255)	No	
sales_person_id	int(11)	No	
client_id	int(11)	No	

Table structure for table land_price_prediction

Column	Type	Null	Default
prediction_id	int(11)	No	
predicted_price	decimal(12,2)	No	
prediction_date	date	No	
land_features	text	No	
land_type	varchar(100)	No	
land_area	varchar(255)	No	
location_address	varchar(255)	No	
client_id	int(11)	No	

Table structure for table lead_engineer

Column	Type	Null	Default

lead_engineer_id	int(11)	No	
user_id	int(11)	No	
license_number	varchar(100)	No	
years_experience	int(11)	No	

Table structure for table maintenance

Column	Type	Null	Default
maintenance_id	int(11)	No	
maintenance_type	varchar(100)	No	
maintenance_date	date	No	
total_cost	decimal(10,2)	No	
description	text	No	
status	varchar(100)	No	
equipment_id	int(11)	No	
maintenance_technician_id	int(11)	No	

Table structure for table maintenance_technician

Column	Type	Null	Default
maintenance_technician_id	int(11)	No	
user_id	int(11)	No	

Table structure for table owns_client_land

Column	Type	Null	Default
owns_client_land_id	int(11)	No	
client_id	int(11)	No	
land_id	int(11)	No	

Table structure for table project

Column	Type	Null	Default
project_id	int(11)	No	
project_name	varchar(150)	No	
start_date	date	No	
end_date	date	No	
total_cost	decimal(12,2)	No	
description	text	No	
status	varchar(50)	No	
payment_status	varchar(100)	No	
lead_enginer_id	int(11)	No	
client_id	int(11)	No	

Table structure for table requires_service_documenttype

Column	Type	Null	Default
requires_service_documenttype_id	int(11)	No	
is_mandatory	enum('yes', 'no')	No	
service_id	int(11)	No	
document_type_id	int(11)	No	

Table structure for table salary_payment

Column	Type	Null	Default
salary_payment_id	int(11)	No	
amount	decimal(12,2)	No	
date_paid	date	No	
notes	text	No	
user_id	int(11)	No	

hr_id	int(11)	No

Table structure for table sales_person

Column	Type	Null	Default
sales_person_id	int(11)	No	
user_id	int(11)	No	
commission_rate	decimal(30,0)	No	

Table structure for table service

Column	Type	Null	Default
service_id	int(11)	No	
service_name	varchar(100)	No	
base_price	decimal(10,2)	No	
description	text	No	

Table structure for table service_request

Column	Type	Null	Default
request_id	int(11)	No	
status	varchar(50)	No	
request_date	date	No	
approval_status	date	No	
rejection_reason	text	No	
client_id	int(11)	No	
service_id	int(11)	No	
land_id	int(11)	No	
project_id	int(11)	No	

Table structure for table submitted_document

Column	Type	Null	Default
document_id	int(11)	No	
upload_date	date	No	
file_name	varchar(255)	No	
file_path	varchar(255)	No	
document_type_id	int(11)	No	

Table structure for table surveyor

Column	Type	Null	Default
surveyor_id	int(11)	No	
user_id	int(11)	No	
years_experience	int(11)	No	
status	varchar(100)	No	
assigned_date	date	No	
role_description	varchar(100)	No	
project_id	int(11)	No	

Table structure for table user

Column	Type	Null	Default
user_id	int(11)	No	
full_name	varchar(100)	No	
email	varchar(100)	No	
password	varchar(100)	No	
phone	varchar(20)	No	
salary	decimal(12,2)	No	

role	enum('Admin', 'Client', 'Surveyor', 'LeadEngineer', 'HR', 'Sales_Person', 'Maintenance_Technician')	No	
created_at	datetime	No	

Table structure for table uses_project_equipment

Column	Type	Null	Default
uses_project_equipment_id	int(11)	No	
return_date	date	No	
assigned_date	date	No	
project_id	int(11)	No	
equipment_id	int(11)	No	