

ER DIAGRAM

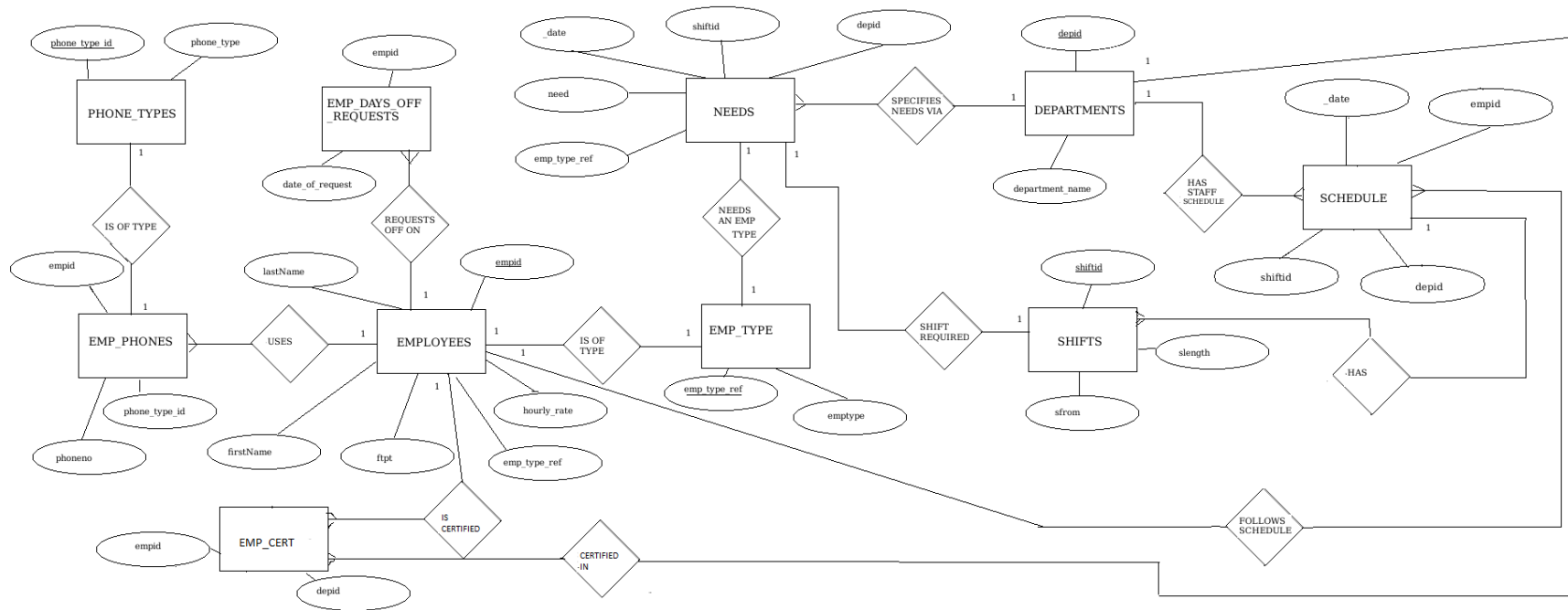


Table Descriptions

mysql> describe shifts;

Field	Type	Null	Key	Default	Extra
shiftid	bigint(20) unsigned	NO	PRI	NULL	auto_increment
sfrom	varchar(10)	NO		NULL	
slength	int(11)	YES		NULL	

3 rows in set (0.00 sec)

mysql> describe schedule;

Field	Type	Null	Key	Default	Extra
_date	date	NO		NULL	
empid	int(11)	NO	MUL	NULL	
depid	bigint(20) unsigned	YES	MUL	NULL	
shiftid	bigint(20) unsigned	YES	MUL	NULL	

4 rows in set (0.00 sec)

mysql> describe needs;

Field	Type	Null	Key	Default	Extra
depid	bigint(20) unsigned	YES	MUL	NULL	

emp_type_ref	bigint(20) unsigned	YES	MUL	NULL		
need	int(11)	YES		NULL		
_date	date	YES		NULL		
shiftid	bigint(20) unsigned	YES	MUL	NULL		

5 rows in set (0.00 sec)

mysql> describe emp_cert;

Field	Type	Null	Key	Default	Extra
empid	int(11)	YES	MUL	NULL	
depid	int(11)	YES		NULL	

2 rows in set (0.00 sec)

mysql> describe employees;

Field	Type	Null	Key	Default	Extra
empid	int(11)	NO	PRI	NULL	
lastName	varchar(50)	NO		NULL	
firstName	varchar(50)	NO		NULL	
emp_type_ref	bigint(20) unsigned	YES	MUL	NULL	
ftpt	varchar(5)	YES		NULL	
hourly_rate	double	NO		0	
pref_shift	int(11)	YES		NULL	

7 rows in set (0.01 sec)

mysql> describe departments;

Field	Type	Null	Key	Default	Extra
depid	bigint(20) unsigned	NO	PRI	NULL	auto_increment
department_name	varchar(50)	NO		NULL	

2 rows in set (0.00 sec)

mysql> describe emp_phones;

Field	Type	Null	Key	Default	Extra
empid	bigint(11) unsigned	YES	MUL	NULL	
phoneno	varchar(20)	NO		NULL	
phone_type_id	bigint(20) unsigned	YES	MUL	NULL	

3 rows in set (0.00 sec)

mysql> describe phone_types;

Field	Type	Null	Key	Default	Extra
phone_type_id	int(11)	NO	PRI	NULL	
phone_type	varchar(25)	YES		NULL	

2 rows in set (0.00 sec)

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mysql> describe emp_type;
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Field	Type	Null	Key	Default	Extra
emp_type_ref	bigint(20) unsigned	NO	PRI	NULL	auto_increment
emptytype	varchar(5)	NO		NULL	

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2 rows in set (0.00 sec)
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mysql> describe emp_days_off_requests;
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Field	Type	Null	Key	Default	Extra
empid	bigint(20) unsigned	YES	MUL	NULL	
date_of_request	date	NO		NULL	

```
2 rows in set (0.00 sec)
```

