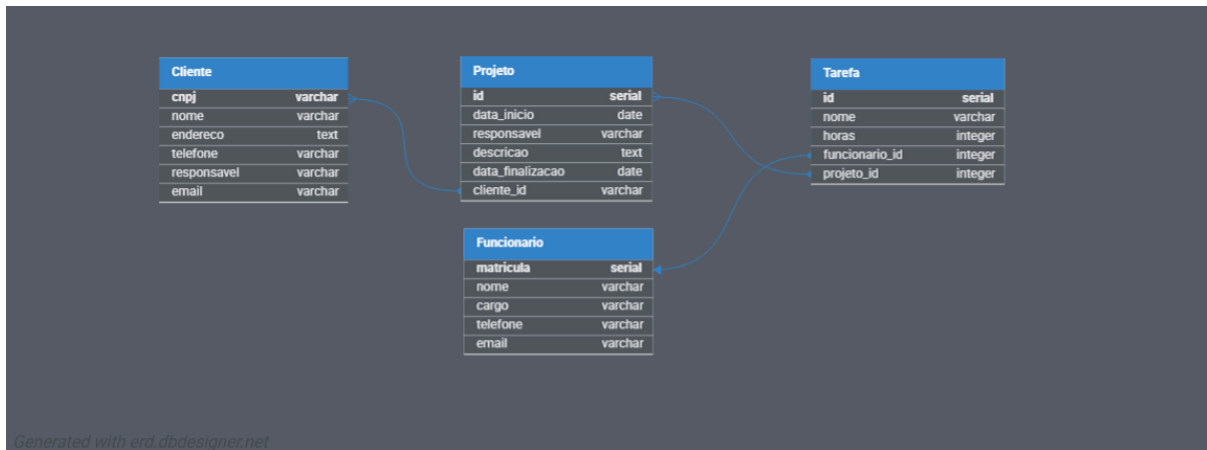


Modelagem para implementacao em SGBD Relacional (postgresql)

Grupo: Sophia Carrazza e Yan Sabarense

1)



2)

```
1 CREATE TABLE IF NOT EXISTS "Cliente" (  
2     "cnpj" serial NOT NULL UNIQUE,  
3     "nome" varchar(100) NOT NULL,  
4     "endereco" varchar(255) NOT NULL,  
5     "telefone" varchar(15) NOT NULL,  
6     "responsavel" varchar(100) NOT NULL,  
7     "email" varchar(100) NOT NULL,  
8     PRIMARY KEY ("cnpj")  
9 );  
10  
11 CREATE TABLE IF NOT EXISTS "Funcionario" (  
12     "matricula" serial NOT NULL UNIQUE,  
13     "nome" varchar(100) NOT NULL,  
14     "cargo" varchar(50) NOT NULL,  
15     "telefone" varchar(15) NOT NULL,  
16     "email" varchar(100) NOT NULL,  
17     PRIMARY KEY ("matricula")  
18 );  
19  
20 CREATE TABLE IF NOT EXISTS "Projeto" (  
21     "id" serial NOT NULL UNIQUE,  
22     "data_inicio" date NOT NULL,  
23     "responsavel" varchar(100) NOT NULL,  
24     "descricao" varchar(255) NOT NULL,  
25     "data_finalizacao" date NOT NULL,  
26     "cliente_id" varchar(14) NOT NULL,  
27     PRIMARY KEY ("id")  
28 );  
29  
30 CREATE TABLE IF NOT EXISTS "Tarefa" (  
31     "id" serial NOT NULL UNIQUE,  
32     "nome" varchar(100) NOT NULL,  
33     "horas" bigint NOT NULL,  
34     "funcionario_id" bigint NOT NULL,  
35     "projeto_id" bigint NOT NULL,  
36     PRIMARY KEY ("id")  
37 );  
38  
39  
40  
41 ALTER TABLE "Projeto" ADD CONSTRAINT "Projeto_fk5" FOREIGN KEY ("cliente_id") REFERENCES "Cliente"("cnpj");  
42 ALTER TABLE "Tarefa" ADD CONSTRAINT "Tarefa_fk3" FOREIGN KEY ("funcionario_id") REFERENCES "Funcionario"("matricula");  
43 ALTER TABLE "Tarefa" ADD CONSTRAINT "Tarefa_fk4" FOREIGN KEY ("projeto_id") REFERENCES "Projeto"("id");
```

3)

