```sql
1   CREATE TABLE employe(
2   empl_ID int NOT NULL AUTO_INCREMENT,
3   empl_matricule varchar(10) NOT NULL,
4   empl_nom varchar(100) NOT NULL,
5   empl_prenom varchar(150)NOT NULL,
6   empl_DDN date,
7   empl_mail varchar(255),
8   empl_codePin varchar(4),
9   empl_password varchar(100),
10  empl_tel varchar(14),
11  empl_ro_ID int NOT NULL,
12  empl_post_ID int NOT NULL,
13  empl_entr_numsiret varchar(20) NOT NULL,
14  empl_niv_ID int NOT NULL,
15  CONSTRAINT pk_employer PRIMARY KEY(empl_ID));
16
17  CREATE TABLE entreprise(
18  entr_numsiret varchar(20) NOT NULL,
19  entr_nom varchar(50),
20  entr_denomination varchar(6),
21  entr_tel varchar(14),
22  CONSTRAINT pk_entreprise PRIMARY KEY (entr_numsiret));
23
24  CREATE TABLE poste(
25  post_ID int NOT NULL AUTO_INCREMENT,
26  post_libelle varchar(250),
27  post_serv_ID int NOT NULL,
28  CONSTRAINT pk_poste PRIMARY KEY(post_ID));
29
30  CREATE TABLE service(
31  serv_ID int NOT NULL AUTO_INCREMENT,
32  serv_libelle varchar(250),
33  CONSTRAINT pk_service PRIMARY KEY(serv_ID));
34
35  CREATE TABLE niveau(
36  niv_ID int NOT NULL AUTO_INCREMENT,
37  niv_libelle Varchar(50),
38  niv_serv_ID int not NULL,
39  CONSTRAINT pk_niveau PRIMARY KEY(niv_ID));
40
41  CREATE TABLE acces(
42  acc_ID int NOT NULL AUTO_INCREMENT,
43  acc_dateDebut date,
44  acc_DateFin date,
45  CONSTRAINT pk_acces PRIMARY KEY(acc_ID));
46
47  CREATE TABLE porte(
48  port_ID int NOT NULL AUTO_INCREMENT,
49  port_libelle varchar(20),
50  port_eta_ID int NOT NULL,
51  port_bat_ID int NOT NULL,
52  CONSTRAINT pk_porte PRIMARY KEY(port_ID));
53
54  CREATE TABLE etage(
55  eta_ID int NOT NULL AUTO_INCREMENT,
56  eta_libelle varchar(10),
57  CONSTRAINT pk_etage PRIMARY KEY(eta_ID));
```

```sql
58
59  CREATE TABLE batiment(
60  bat_ID int NOT NULL AUTO_INCREMENT,
61  bat_libelle varchar(20),
62  CONSTRAINT pk_batiment PRIMARY KEY(bat_ID));
63
64  CREATE TABLE role(
65  ro_ID int NOT NULL AUTO_INCREMENT,
66  ro_libelle varchar(50),
67  CONSTRAINT pk_role PRIMARY KEY(ro_Id));
68
69  CREATE TABLE deverrouiller(
70  dev_port_ID int NOT NULL,
71  dev_acc_ID int NOT NULL,
72  dev_heure time,
73  dev_dateJour date,
74  CONSTRAINT pk_deverouiller PRIMARY KEY(dev_port_ID,dev_acc_ID));
75
76  CREATE TABLE accorder(
77  acco_niv_id int NOT NULL,
78  acco_acc_id int NOT NULL,
79  CONSTRAINT pk_accorder PRIMARY KEY(acco_niv_id,acco_acc_id));
80
81  CREATE TABLE posseder(
82  poss_empl_id int NOT NULL,
83  poss_acc_id int NOT NULL,
84  CONSTRAINT pk_posseder PRIMARY KEY(poss_empl_id,poss_acc_id));
85
86  CREATE TABLE autoriser(
87  autor_port_id int NOT NULL,
88  autor_acc_id int NOT NULL,
89  CONSTRAINT pk_autoriser PRIMARY KEY(autor_port_id,autor_acc_id));
90
91  create table ajouter(
92  aj_port_id int not null,
93  aj_niv_id int not null,
94  constraint pk_ajouter primary key(aj_port_id, aj_niv_id));
95
96
97
98
99
100
101
102
```