

tablesapi.sql

-- Fichier créé - lundi-mars-18-2024

-- DDL for Sequence API_CLASSE_SEQ

```
CREATE SEQUENCE "ORA51"."API_CLASSE_SEQ" MINVALUE 1 MAXVALUE
99999999999999999999999999999999 INCREMENT BY 1 START WITH 1 CACHE 20
NOORDER NOCYCLE NOKEEP NOSCALE GLOBAL ;
```

-- DDL for Sequence API_COURS_SEQ

```
CREATE SEQUENCE "ORA51"."API_COURS_SEQ" MINVALUE 1 MAXVALUE
99999999999999999999999999999999 INCREMENT BY 1 START WITH 1 CACHE 20
NOORDER NOCYCLE NOKEEP NOSCALE GLOBAL ;
```

-- DDL for Sequence API_ENSEIGNANT_SEQ

```
CREATE SEQUENCE "ORA51"."API_ENSEIGNANT_SEQ" MINVALUE 1 MAXVALUE
99999999999999999999999999999999 INCREMENT BY 1 START WITH 1 CACHE 20
NOORDER NOCYCLE NOKEEP NOSCALE GLOBAL ;
```

-- DDL for Sequence API_INFOS_SEQ

```
CREATE SEQUENCE "ORA51"."API_INFOS_SEQ" MINVALUE 1 MAXVALUE
99999999999999999999999999999999 INCREMENT BY 1 START WITH 1 CACHE 20
NOORDER NOCYCLE NOKEEP NOSCALE GLOBAL ;
```

-- DDL for Sequence API_SALLE_SEQ

```
CREATE SEQUENCE "ORA51"."API_SALLE_SEQ" MINVALUE 1 MAXVALUE
99999999999999999999999999999999 INCREMENT BY 1 START WITH 1 CACHE 20
NOORDER NOCYCLE NOKEEP NOSCALE GLOBAL ;
```

-- DDL for Table API_COURS

```
CREATE TABLE "ORA51"."API_COURS"
(
    "ID_COURS" NUMBER(5,0),
    "CODE" VARCHAR2(50 BYTE),
    "INTITULE" VARCHAR2(50 BYTE),
    "ID_SALLE" NUMBER(5,0)
) SEGMENT CREATION IMMEDIATE
```

```
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;
```

```
-----
-- DDL for Table API_ENSEIGNANT
-----
```

```
CREATE TABLE "ORA51"."API_ENSEIGNANT"
(      "ID_ENSEIGNANT" NUMBER(5,0),
  "MATRICULE" VARCHAR2(20 BYTE),
  "NOM" VARCHAR2(30 BYTE),
  "PRENOM" VARCHAR2(30 BYTE),
  "TEL" VARCHAR2(30 BYTE),
  "CHARGESEM" NUMBER(5,0),
  "SALAIREMENSU" NUMBER(5,5),
  "DATEENGAG" DATE
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;
```

```
-----
-- DDL for Table API_INFOS
-----
```

```
CREATE TABLE "ORA51"."API_INFOS"
(      "ID_INFOS" NUMBER(5,0),
  "NBREHEURES" NUMBER(5,5),
  "ID_COURS" NUMBER(5,0),
  "ID_SALLE" NUMBER(5,0),
  "ID_ENSEIGNANT" NUMBER(5,0)
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;
```

```
-----
-- DDL for Table API_SALLE
-----
```

```
CREATE TABLE "ORA51"."API_SALLE"
(      "ID_SALLE" NUMBER(5,0),
```

```

        "SIGLE" VARCHAR2(30 BYTE),
        "CAPACITE" NUMBER(5,0)
    ) SEGMENT CREATION IMMEDIATE
    PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
    NOCOMPRESS LOGGING
    STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
    PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
    BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
    TABLESPACE "USERS" ;

```

```

-----
--   DDL for Table API_CLASSE
-----

```

```

CREATE TABLE "ORA51"."API_CLASSE"
(
    "ID_CLASSE" NUMBER(5,0),
    "SIGLE" VARCHAR2(50 BYTE),
    "ANNEE" NUMBER(5,0),
    "SPECIALITE" VARCHAR2(50 BYTE),
    "NBREELEVES" NUMBER(3,0)
) SEGMENT CREATION IMMEDIATE
PCTFREE 10 PCTUSED 40 INITRANS 1 MAXTRANS 255
NOCOMPRESS LOGGING
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;

```

```

-----
--   DDL for View APICLIENCOMFACT
-----

```

```

CREATE OR REPLACE FORCE EDITIONABLE VIEW "ORA51"."APICLIENCOMFACT"
("IDCLIENT", "NOM", "PRENOM", "CP", "LOCALITE", "RUE", "NUM", "TEL",
"IDCOMMANDE", "NUMFACT", "MONTANT", "ETAT", "DATECOMMANDE",
"DATEFACTURATION", "DATEPAYEMENT") AS
SELECT
    apiclient.idclient as idclient,
    apiclient.nom as nom,
    apiclient.prenom as prenom,
    apiclient.cp as cp,
    apiclient.localite as localite,
    apiclient.rue as rue,
    apiclient.num as num,
    apiclient.tel as tel,
    apicomfact.idcommande as idcommande,
    apicomfact.numfact as numfact,
    apicomfact.montant as montant,
    apicomfact.etat as etat,
    apicomfact.datecommande as datecommande,
    apicomfact.datefacturation as datefacturation,

```

```

    apicomfact.datepayement as datepayement
FROM
apiclient join apicomfact on apiclient.idclient = apicomfact.idclient
order by apiclient.idclient
;
-----
--   DDL for View APICLIENCOMFACTV2
-----

    CREATE OR REPLACE FORCE EDITIONABLE VIEW "ORA51"."APICLIENCOMFACTV2"
("IDCLIENT", "NOM", "PRENOM", "CP", "LOCALITE", "RUE", "NUM", "TEL",
"IDCOMMANDE", "NUMFACT", "MONTANT", "ETAT", "DATECOMMANDE",
"DATEFACTORATION", "DATEPAYEMENT") AS
    SELECT
apiclient.idclient as idclient,
apiclient.nom as nom,
apiclient.prenom as prenom,
apiclient.cp as cp,
apiclient.localite as localite,
apiclient.rue as rue,
apiclient.num as num,
apiclient.tel as tel,
apicomfact.idcommande as idcommande,
apicomfact.numfact as numfact,
apicomfact.montant as montant,
apicomfact.etat as etat,
apicomfact.datecommande as datecommande,
apicomfact.datefacturation as datefacturation,
apicomfact.datepayement as datepayement
FROM
apiclient left join apicomfact on apiclient.idclient =
apicomfact.idclient
order by apiclient.idclient
;
-----
--   DDL for View APICLIFACT
-----

    CREATE OR REPLACE FORCE EDITIONABLE VIEW "ORA51"."APICLIFACT" ("NOM",
"PRENOM", "IDCLIENT", "NUMCOMMANDE", "ETAT", "MONTANT") AS
    select APICLIEN.NOM as NOM,
APICLIEN.PRENOM as PRENOM,
APICLIEN.IDCLIENT as IDCLIENT,
APICOMFACT.IDCOMMANDE as IDCOMMANDE,
APICOMFACT.ETAT as ETAT,
APICOMFACT.MONTANT as MONTANT
from APICOMFACT APICOMFACT inner join
APICLIEN APICLIEN
on APICOMFACT.IDCLIENT =APICLIEN.IDCLIENT

```

```
order by APICLIENT.NOM ASC, APICLIENT.PRENOM ASC
```

```
;
```

```
-----  
-- DDL for View APICLISMONS  
-----
```

```
CREATE OR REPLACE FORCE EDITIONABLE VIEW "ORA51"."APICLISMONS" ("NOM",  
"PRENOM", "LOCALITE") AS
```

```
SELECT
```

```
    nom,prenom,localite
```

```
FROM
```

```
    apiclient
```

```
where cp=7000
```

```
;
```

```
-----  
-- DDL for View APICOMFACTCLIENTPROD  
-----
```

```
CREATE OR REPLACE FORCE EDITIONABLE VIEW  
"ORA51"."APICOMFACTCLIENTPROD" ("IDCOMMANDE", "NUMFACT", "MONTANT",  
"ETAT", "DATECOMMANDE", "DATEFACTURATION", "DATEPAYEMENT", "IDCLIENT",  
"NOM", "PRENOM", "CP", "LOCALITE", "RUE", "NUM", "TEL", "IDPRODUIT",  
"NUMPROD", "DESCRIPTION", "QUANTITE", "PRIXACHAT") AS
```

```
SELECT
```

```
    apicomfact.idcommande as idcommande,
```

```
    apicomfact.numfact as numfact,
```

```
    apicomfact.montant as montant,
```

```
    apicomfact.etat as etat,
```

```
    apicomfact.datecommande as datecommande,
```

```
    apicomfact.datefacturation as datefacturation,
```

```
    apicomfact.datepayement as datepayement,
```

```
    apiclient.idclient as idclient,
```

```
    apiclient.nom as nom,
```

```
    apiclient.prenom as prenom,
```

```
    apiclient.cp as cp,
```

```
    apiclient.localite as localite,
```

```
    apiclient.rue as rue,
```

```
    apiclient.num as num,
```

```
    apiclient.tel as tel,
```

```
    apiproduit.idproduit as idproduit,
```

```
    apiproduit.numprod as numprod,
```

```
    apiproduit.description as description,
```

```
    apiligne.quantite as quantite,
```

```
    apiligne.prixachat as prixachat
```

```
FROM
```

```
apicomfact join apiclient on apicomfact.idclient = apiclient.idclient
```

```
left join apiligne on apicomfact.idcommande=apiligne.idcommande left
```

```
join apiproduit on apiligne.idproduit=apiproduit.idproduit
```

```
order by apicomfact.idcommande
```

```
;
```

```
-----  
-- DDL for View APILIGNESCOM  
-----
```

```
CREATE OR REPLACE FORCE EDITIONABLE VIEW "ORA51"."APILIGNESCOM"  
("IDCOMMANDE", "DATECOMMANDE", "QUANTITE", "PRIXACHAT") AS  
select      APICOMFACT.IDCOMMANDE as IDCOMMANDE,  
APICOMFACT.DATECOMMANDE as DATECOMMANDE,  
APILIGNE.QUANTITE as QUANTITE,  
APILIGNE.PRIXACHAT as PRIXACHAT  
from APILIGNE INNER JOIN APICOMFACT  
ON APICOMFACT.IDCOMMANDE=APILIGNE.IDCOMMANDE  
order by APICOMFACT.IDCOMMANDE  
;
```

```
-----  
-- DDL for View APITOTCOM  
-----
```

```
CREATE OR REPLACE FORCE EDITIONABLE VIEW "ORA51"."APITOTCOM"  
("IDCOMMANDE", "DATECOMMANDE", "TOTAL") AS  
select  
APICOMFACT.IDCOMMANDE as IDCOMMANDE,  
APICOMFACT.DATECOMMANDE as DATECOMMANDE,  
sum(APILIGNE.QUANTITE * APILIGNE.PRIXACHAT) as TOTAL  
from      APILIGNE INNER JOIN APICOMFACT  
ON APICOMFACT.IDCOMMANDE=APILIGNE.IDCOMMANDE group by  
APICOMFACT.IDCOMMANDE,APICOMFACT.DATECOMMANDE  
;
```

```
-----  
-- DDL for View AUTORISEEMPLOYE  
-----
```

```
CREATE OR REPLACE FORCE EDITIONABLE VIEW "ORA51"."AUTORISEEMPLOYE"  
("FIRST_NAME", "NOM", "DEPARTEMENT") AS  
select e.first_name, e.last_name nom, d.department_name departement  
from hr.employees e  
join hr.departments d ON e.department_id=d.department_id  
;
```

```
-----  
-- DDL for View EMP_DEP  
-----
```

```
CREATE OR REPLACE FORCE EDITIONABLE VIEW "ORA51"."EMP_DEP"  
("EMPLOYEE", "JOB", "DEPARTMENT", "VILLE") AS  
select e.last_name as EMPLOYEE, j.job_title as JOB, d.department_name  
as DEPARTMENT, l.city as VILLE  
from hr.employees e
```

```

join hr.departments d on e.department_id = d.department_id
join hr.jobs j on e.job_id = j.job_id
join hr.locations l on d.location_id = l.location_id
;

```

```

-----
-- DDL for View EMP_VU
-----

```

```

CREATE OR REPLACE FORCE EDITIONABLE VIEW "ORA51"."EMP_VU"
("EMPLOYEE_ID", "employee", "DEPARTMENT_ID") AS
select employee_id, last_name "employee", department_id
from employe
;

```

```

-----
-- DDL for View FACTURE
-----

```

```

CREATE OR REPLACE FORCE EDITIONABLE VIEW "ORA51"."FACTURE" ("NCOM",
"NOM", "DATECOM", "TOTAL") AS
select c.ncom, cl.nom, c.datecom, sum(d.qcom*p.prix) as total
from commande c
join client cl on c.ncli = cl.ncli
join detail d on c.ncom = d.ncom
join produit p on d.npro = p.npro
group by c.ncom, cl.nom, c.datecom
;

```

```

-----
-- DDL for View PRODCLI
-----

```

```

CREATE OR REPLACE FORCE EDITIONABLE VIEW "ORA51"."PRODCLI"
("IDCLIENT", "IDPRODUIT", "NUMPROD", "DESCRIPTION") AS
SELECT
distinct apiclient.idclient as idclient, apiproduit.idproduit as
idproduit, apiproduit.numprod as numprod, apiproduit.description as
description
FROM
apiclient inner join apicomfact on
apiclient.idclient=apicomfact.idclient inner join apiligne on
apicomfact.idcommande=apiligne.idcommande inner join apiproduit on
apiligne.idproduit=apiproduit.idproduit
;

```

```

-----
-- DDL for View V_DETAIL
-----

```

```

CREATE OR REPLACE FORCE EDITIONABLE VIEW "ORA51"."V_DETAIL" ("NCOM",
"NPRO", "LIBELLE", "PRIX", "QCOM") AS
select c.ncom, d.npro, p.libelle, p.prix, d.qcom

```

```

from commande c
join detail d on d.ncom = c.ncom
join produit p on p.npro = d.npro
;

-----
-- DDL for View VUECLIENT
-----

CREATE OR REPLACE FORCE EDITIONABLE VIEW "ORA51"."VUECLIENT"
("NUMERO", "NOM", "LOCALITE") AS
select ncli,nom,localite
from client
where cat='C1'
;

REM INSERTING into ORA51.API_COURS
SET DEFINE OFF;
REM INSERTING into ORA51.API_ENSEIGNANT
SET DEFINE OFF;
REM INSERTING into ORA51.API_INFOS
SET DEFINE OFF;
REM INSERTING into ORA51.API_SALLE
SET DEFINE OFF;
REM INSERTING into ORA51.API_CLASSE
SET DEFINE OFF;

-----
-- DDL for Index CLASSE_PK
-----

CREATE UNIQUE INDEX "ORA51"."CLASSE_PK" ON "ORA51"."API_CLASSE"
("ID_CLASSE")
PCTFREE 10 INITRANS 2 MAXTRANS 255
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;

-----
-- DDL for Index COURS_PK
-----

CREATE UNIQUE INDEX "ORA51"."COURS_PK" ON "ORA51"."API_COURS"
("ID_COURS")
PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;

-----
-- DDL for Index ENS_PK
-----

```



```
CREATE UNIQUE INDEX "ORA51"."ENS_PK" ON "ORA51"."API_ENSEIGNANT"
("ID_ENSEIGNANT")
PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;
```

```
-----
-- DDL for Index ENS_UNIQUE
-----
```

```
CREATE UNIQUE INDEX "ORA51"."ENS_UNIQUE" ON "ORA51"."API_ENSEIGNANT"
("MATRICULE", "NOM", "PRENOM", "TEL")
PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;
```

```
-----
-- DDL for Index INFOS_PK
-----
```

```
CREATE UNIQUE INDEX "ORA51"."INFOS_PK" ON "ORA51"."API_INFOS"
("ID_INFOS")
PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;
```

```
-----
-- DDL for Index INFOS_UNIQUE
-----
```

```
CREATE UNIQUE INDEX "ORA51"."INFOS_UNIQUE" ON "ORA51"."API_INFOS"
("ID_COURS", "ID_SALLE", "ID_ENSEIGNANT")
PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;
```

```
-----
-- DDL for Index SALLE_PK
-----
```

```
CREATE UNIQUE INDEX "ORA51"."SALLE_PK" ON "ORA51"."API_SALLE"
("ID_SALLE")
PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
```

```

PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;
-----
-- DDL for Index SALLE_UNIQUE
-----

CREATE UNIQUE INDEX "ORA51"."SALLE_UNIQUE" ON "ORA51"."API_SALLE"
("SIGLE")
PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;
-----
-- DDL for Index SIGLE_UNIQUE
-----

CREATE UNIQUE INDEX "ORA51"."SIGLE_UNIQUE" ON "ORA51"."API_CLASSE"
("SIGLE")
PCTFREE 10 INITRANS 2 MAXTRANS 255
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ;
-----
-- Constraints for Table API_COURS
-----

ALTER TABLE "ORA51"."API_COURS" ADD CONSTRAINT "COURS_PK" PRIMARY KEY
("ID_COURS")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ENABLE;
ALTER TABLE "ORA51"."API_COURS" MODIFY ("ID_SALLE" NOT NULL ENABLE);
-----
-- Constraints for Table API_ENSEIGNANT
-----

ALTER TABLE "ORA51"."API_ENSEIGNANT" MODIFY ("MATRICULE" NOT NULL
ENABLE);
ALTER TABLE "ORA51"."API_ENSEIGNANT" MODIFY ("NOM" NOT NULL ENABLE);
ALTER TABLE "ORA51"."API_ENSEIGNANT" MODIFY ("PRENOM" NOT NULL
ENABLE);
ALTER TABLE "ORA51"."API_ENSEIGNANT" ADD CONSTRAINT "ENS_PK" PRIMARY
KEY ("ID_ENSEIGNANT")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS

```

```

STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS"  ENABLE;
ALTER TABLE "ORA51"."API_ENSEIGNANT" ADD CONSTRAINT "ENS_UNIQUE"
UNIQUE ("MATRICULE", "NOM", "PRENOM", "TEL")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS"  ENABLE;

```

```

-----
-- Constraints for Table API_INFOS
-----

```

```

ALTER TABLE "ORA51"."API_INFOS" MODIFY ("ID_INFOS" NOT NULL ENABLE);
ALTER TABLE "ORA51"."API_INFOS" MODIFY ("ID_COURS" NOT NULL ENABLE);
ALTER TABLE "ORA51"."API_INFOS" MODIFY ("ID_SALLE" NOT NULL ENABLE);
ALTER TABLE "ORA51"."API_INFOS" MODIFY ("ID_ENSEIGNANT" NOT NULL
ENABLE);
ALTER TABLE "ORA51"."API_INFOS" ADD CONSTRAINT "INFOS_PK" PRIMARY KEY
("ID_INFOS")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS"  ENABLE;
ALTER TABLE "ORA51"."API_INFOS" ADD CONSTRAINT "INFOS_CK" CHECK
(nbreHeures > 0) ENABLE;
ALTER TABLE "ORA51"."API_INFOS" ADD CONSTRAINT "INFOS_UNIQUE" UNIQUE
("ID_COURS", "ID_SALLE", "ID_ENSEIGNANT")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS"  ENABLE;

```

```

-----
-- Constraints for Table API_SALLE
-----

```

```

ALTER TABLE "ORA51"."API_SALLE" ADD CONSTRAINT "CAP_CK" CHECK
(capacite>0) ENABLE;
ALTER TABLE "ORA51"."API_SALLE" ADD CONSTRAINT "SALLE_PK" PRIMARY KEY
("ID_SALLE")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS"  ENABLE;

```

```

ALTER TABLE "ORA51"."API_SALLE" ADD CONSTRAINT "SALLE_UNIQUE" UNIQUE
("SIGLE")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255 COMPUTE STATISTICS
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ENABLE;

```

```

-----
-- Constraints for Table API_CLASSE
-----

```

```

ALTER TABLE "ORA51"."API_CLASSE" ADD CONSTRAINT "CLASSE_CK" CHECK
(nbreEleves >0) ENABLE;
ALTER TABLE "ORA51"."API_CLASSE" ADD CONSTRAINT "CLASSE_PK" PRIMARY
KEY ("ID_CLASSE")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ENABLE;
ALTER TABLE "ORA51"."API_CLASSE" ADD CONSTRAINT "SIGLE_UNIQUE" UNIQUE
("SIGLE")
USING INDEX PCTFREE 10 INITRANS 2 MAXTRANS 255
STORAGE(INITIAL 65536 NEXT 1048576 MINEXTENTS 1 MAXEXTENTS 2147483645
PCTINCREASE 0 FREELISTS 1 FREELIST GROUPS 1
BUFFER_POOL DEFAULT FLASH_CACHE DEFAULT CELL_FLASH_CACHE DEFAULT)
TABLESPACE "USERS" ENABLE;

```

```

-----
-- Ref Constraints for Table API_COURS
-----

```

```

ALTER TABLE "ORA51"."API_COURS" ADD CONSTRAINT "COURS_FK" FOREIGN KEY
("ID_SALLE")
REFERENCES "ORA51"."API_SALLE" ("ID_SALLE") ENABLE;

```

```

-----
-- Ref Constraints for Table API_INFOS
-----

```

```

ALTER TABLE "ORA51"."API_INFOS" ADD CONSTRAINT "INFOS_FK" FOREIGN KEY
("ID_COURS")
REFERENCES "ORA51"."API_COURS" ("ID_COURS") ENABLE;
ALTER TABLE "ORA51"."API_INFOS" ADD CONSTRAINT "INFOS_FK2" FOREIGN KEY
("ID_SALLE")
REFERENCES "ORA51"."API_SALLE" ("ID_SALLE") ENABLE;
ALTER TABLE "ORA51"."API_INFOS" ADD CONSTRAINT "INFOS_FK3" FOREIGN KEY
("ID_ENSEIGNANT")
REFERENCES "ORA51"."API_ENSEIGNANT" ("ID_ENSEIGNANT") ENABLE;

```

