;

CREATE USER IF NOT EXISTS SA SALT '41a55d21e92d2b19' HASH '42647c03fa3546da06c1015f3848643db6de90069edd8696fe9125f93137695f' ADMIN;

CREATE SEQUENCE PUBLIC.SYSTEM\_SEQUENCE\_11F0BDD5\_AA2C\_4EF7\_975E\_8BA8D9A3D261 START WITH 9 BELONGS\_TO\_TABLE;

CREATE SEQUENCE PUBLIC.SYSTEM\_SEQUENCE\_AE833B14\_0CE5\_46A2\_AE3F\_7941375EB44A START WITH 10 BELONGS\_TO\_TABLE;

CREATE SEQUENCE PUBLIC.SYSTEM\_SEQUENCE\_89D5F4B3\_5A0F\_4457\_8C48\_8E9664EEBBE7 START WITH 17 BELONGS\_TO\_TABLE;

CREATE CACHED TABLE PUBLIC.GROUPS(

ACRONYM VARCHAR(8) NOT NULL,

NAME VARCHAR(255) NOT NULL

);

ALTER TABLE PUBLIC.GROUPS ADD CONSTRAINT PUBLIC.CONSTRAINT\_7 PRIMARY KEY(ACRONYM);

-- 5 +/- SELECT COUNT(\*) FROM PUBLIC.GROUPS;

INSERT INTO PUBLIC.GROUPS(ACRONYM, NAME) VALUES

('STRAST', STRINGDECODE('Sistemas de Tiempo Real y Arquitecturas de Servicios Telem\u00e1ticos')),

('ING', STRINGDECODE('Internet de Nueva Generaci\u00f3n')),

('RSC', 'Redes y Servicios de Comunicaciones'),

('RSTI', STRINGDECODE('Redes y Servicios de Telecomunicaci\u00f3n e Internet')),

('GSI', 'Sistemas Inteligentes');

CREATE CACHED TABLE PUBLIC.RESEARCHERS(

ID INTEGER DEFAULT (NEXT VALUE FOR PUBLIC.SYSTEM\_SEQUENCE\_11F0BDD5\_AA2C\_4EF7\_975E\_8BA8D9A3D261) NOT NULL NULL\_TO\_DEFAULT SEQUENCE PUBLIC.SYSTEM\_SEQUENCE\_11F0BDD5\_AA2C\_4EF7\_975E\_8BA8D9A3D261,

NAME VARCHAR(255) NOT NULL,

ORCID VARCHAR(16),

OFFICE VARCHAR(5) NOT NULL,

EMAIL VARCHAR(255) NOT NULL,

RGROUP VARCHAR(8) NOT NULL

);

ALTER TABLE PUBLIC.RESEARCHERS ADD CONSTRAINT PUBLIC.CONSTRAINT\_9 PRIMARY KEY(ID);

-- 7 +/- SELECT COUNT(\*) FROM PUBLIC.RESEARCHERS;

INSERT INTO PUBLIC.RESEARCHERS(ID, NAME, ORCID, OFFICE, EMAIL, RGROUP) VALUES

(1, STRINGDECODE('Jos\u00e9 Mar\u00eda del \u00c1lamo'), '0000000265130303', 'B204', 'jmdela@dit.upm.es', 'STRAST'),

(2, 'Juan Carlos Yelmo', '0000000174910961', 'C217', 'jcyelmo@dit.upm.es', 'STRAST'),

(4, STRINGDECODE('Yod Samuel Mart\u00edn'), '0000000200655117', 'B204', 'samuelm@dit.upm.es', 'STRAST'),

(5, STRINGDECODE('Juan Carlos Due\u00f1as'), '0000000196894798', 'C213', 'jcduenas@dit.upm.es', 'STRAST'),

(6, 'Juan Antonio de la Puente', '0000000276739835', 'B318', 'jpuente@dit.upm.es', 'STRAST'),

(7, 'Alejandro Alonso', NULL, 'B319', 'aalonso@dit.upm.es', 'STRAST'),

(8, STRINGDECODE('Miguel \u00c1ngel de Miguel'), '0000000286267843', 'B323', 'mmiguel@dit.upm.es', 'STRAST');

CREATE CACHED TABLE PUBLIC.PROJECTS(

CODE INTEGER DEFAULT (NEXT VALUE FOR PUBLIC.SYSTEM\_SEQUENCE\_AE833B14\_0CE5\_46A2\_AE3F\_7941375EB44A) NOT NULL NULL\_TO\_DEFAULT SEQUENCE PUBLIC.SYSTEM\_SEQUENCE\_AE833B14\_0CE5\_46A2\_AE3F\_7941375EB44A,

NAME VARCHAR(255) NOT NULL,

BUDGET FLOAT

);

ALTER TABLE PUBLIC.PROJECTS ADD CONSTRAINT PUBLIC.CONSTRAINT\_F PRIMARY KEY(CODE);

-- 9 +/- SELECT COUNT(\*) FROM PUBLIC.PROJECTS;

INSERT INTO PUBLIC.PROJECTS(CODE, NAME, BUDGET) VALUES

(1, 'TRUESSEC.eu', 50000.0),

(2, 'Freighture', 500000.0),

(3, 'PRIPARE', 150000.0),

(4, 'OMELETTE', 750000.0),

(5, 'OPUCE', 272134.13),

(6, 'GRACES', 23000.0),

(7, 'MultiPartes', 230000.0),

(8, 'HiPartes', 282000.0),

(9, 'ERMA', 22000.0);

CREATE CACHED TABLE PUBLIC.PARTICIPANTS(

ID INTEGER DEFAULT (NEXT VALUE FOR PUBLIC.SYSTEM\_SEQUENCE\_89D5F4B3\_5A0F\_4457\_8C48\_8E9664EEBBE7) NOT NULL NULL\_TO\_DEFAULT SEQUENCE PUBLIC.SYSTEM\_SEQUENCE\_89D5F4B3\_5A0F\_4457\_8C48\_8E9664EEBBE7,

PROJECT INTEGER NOT NULL,

RESEARCHER INTEGER NOT NULL,

ROLE VARCHAR(24) NOT NULL

);

ALTER TABLE PUBLIC.PARTICIPANTS ADD CONSTRAINT PUBLIC.CONSTRAINT\_1 PRIMARY KEY(ID);

-- 15 +/- SELECT COUNT(\*) FROM PUBLIC.PARTICIPANTS;

INSERT INTO PUBLIC.PARTICIPANTS(ID, PROJECT, RESEARCHER, ROLE) VALUES

(1, 1, 1, 'Leader'),

(3, 1, 4, 'Collaborator'),

(4, 2, 2, 'Leader'),

(5, 2, 4, 'Collaborator'),

(6, 3, 4, 'Collaborator'),

(7, 3, 1, 'Collaborator'),

(8, 3, 2, 'Leader'),

(9, 4, 2, 'Leader'),

(10, 7, 6, 'Leader'),

(11, 7, 7, 'Collaborator'),

(12, 7, 8, 'Collaborator'),

(13, 8, 8, 'Collaborator'),

(14, 8, 6, 'Collaborator'),

(15, 8, 7, 'Leader'),

(16, 9, 8, 'Leader');

ALTER TABLE PUBLIC.GROUPS ADD CONSTRAINT PUBLIC.CONSTRAINT\_7D UNIQUE(NAME);

ALTER TABLE PUBLIC.RESEARCHERS ADD CONSTRAINT PUBLIC.CONSTRAINT\_99 UNIQUE(ORCID);

ALTER TABLE PUBLIC.RESEARCHERS ADD CONSTRAINT PUBLIC.CONSTRAINT\_992 UNIQUE(EMAIL);

ALTER TABLE PUBLIC.PARTICIPANTS ADD CONSTRAINT PUBLIC.CONSTRAINT\_141 FOREIGN KEY(RESEARCHER) REFERENCES PUBLIC.RESEARCHERS(ID) NOCHECK;

ALTER TABLE PUBLIC.PARTICIPANTS ADD CONSTRAINT PUBLIC.CONSTRAINT\_14 FOREIGN KEY(PROJECT) REFERENCES PUBLIC.PROJECTS(CODE) NOCHECK;

ALTER TABLE PUBLIC.RESEARCHERS ADD CONSTRAINT PUBLIC.CONSTRAINT\_9922 FOREIGN KEY(RGROUP) REFERENCES PUBLIC.GROUPS(ACRONYM) NOCHECK;