**DATABASE NAME: TaskManager**

CREATE TABLE task(

task\_id SERIAL,

task varchar(1000) NOT NULL,

date date NOT NULL,

time time,

PRIMARY KEY (task\_id)

);

/\*CREATE TABLE todo

(

todo\_id SERIAL,

todo varchar(1000) NOT NULL,

completed boolean DEFAULT FALSE,

PRIMARY KEY (todo\_id)

);\*/

create table todo\_list\_name

(

list\_name varchar(30) primary key not null

);create table todo\_names(

list\_name varchar(30) not null,

todo\_name varchar(30) not null,

completed boolean DEFAULT FALSE,

primary key(list\_name,todo\_name)

);

alter table todo\_names add constraint ForeignKey foreign key(list\_name) references todo\_list\_name(list\_name) on delete cascade on update cascade

alter table todo\_names drop constraint ForeignKey

CREATE TABLE note

(

note\_id SERIAL,

note varchar(10000) NOT NULL,

PRIMARY KEY (note\_id)

);

alter table note add title varchar(500) NOT null;

alter table note add date\_created timestamp;

alter table note add date\_modified timestamp;

CREATE USER usertm WITH PASSWORD 'password';

GRANT ALL ON task to usertm;

GRANT ALL ON todo to usertm;

GRANT ALL ON note to usertm;

GRANT ALL ON sequence task\_task\_id\_seq to usertm;

GRANT ALL ON sequence todo\_todo\_id\_seq to usertm;

GRANT ALL ON sequence note\_note\_id\_seq to usertm;

GRANT ALL ON todo\_list\_name to usertm;

GRANT ALL ON todo\_names to usertm;

SET datestyle = 'ISO, YMD';