Drop database ood;

Create database ood;

Use ood;

CREATE TABLE asset (id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, `name` varchar(63) NOT NULL ,`type` varchar(31) NOT NULL, `free\_times` varchar(63) NOT NULL);

CREATE TABLE `change` (id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, `name` varchar(63) NOT NULL, `type` varchar(31) NOT NULL, from\_date date NOT NULL, to\_date date NOT NULL, module\_id integer NOT NULL REFERENCES module (knowledge\_ptr\_id));

CREATE TABLE change\_resource (id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, change\_id integer NOT NULL REFERENCES `change` (id), resource\_id integer NOT NULL REFERENCES resource (id));

CREATE TABLE existing\_resource (id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, from\_date date NOT NULL, to\_date date NOT NULL, project\_id integer NOT NULL REFERENCES project (id), resource\_id integer NOT NULL REFERENCES resource (id), `resource\_type` varchar(31) NOT NULL);

CREATE TABLE finance (id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, `name` varchar(63) NOT NULL, amount integer NOT NULL);

CREATE TABLE knowledge (id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, `name` varchar(63) NOT NULL, `type` varchar(31) NOT NULL, description text NOT NULL);

CREATE TABLE module (id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, start\_time datetime NOT NULL, end\_time datetime NOT NULL, project\_id integer NOT NULL REFERENCES project (id));

CREATE TABLE `project` (id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, number\_of\_users integer NOT NULL, `name` varchar(63) NOT NULL, `technologies` varchar(63) NOT NULL ,manager\_id integer NOT NULL REFERENCES `user` (id));

CREATE TABLE project\_user (id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, from\_date date NOT NULL, to\_date date NOT NULL, project\_id integer NOT NULL REFERENCES project (id), user\_id integer NOT NULL REFERENCES `user` (id));

CREATE TABLE requirement\_resource (id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, from\_date date NOT NULL, to\_date date NOT NULL, project\_id integer NOT NULL REFERENCES project (id), resource\_id integer NOT NULL REFERENCES resource (id));

CREATE TABLE resource (id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, `name` varchar(63) NOT NULL);

CREATE TABLE task (id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, `name` varchar(63) NOT NULL, description text NOT NULL, is\_finished boolean NOT NULL, project\_id integer NOT NULL REFERENCES project (id));

CREATE TABLE user\_task(id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, task\_id integer NOT NULL REFERENCES task (id), user\_id integer NOT NULL REFERENCES user (id));

CREATE TABLE `user` (id integer NOT NULL PRIMARY KEY AUTO\_INCREMENT, email varchar(63) NOT NULL, username varchar(63) NOT NULL, `password` varchar(63) NOT NULL, first\_name varchar(63) NOT NULL, last\_name varchar(63) NOT NULL, phone\_number\_1 varchar(12) NOT NULL, phone\_number\_2 varchar(12) NOT NULL, nat\_id varchar(31) NOT NULL, job\_experience text NOT NULL, role varchar(63) NOT NULL, married boolean NOT NULL, birthday date NOT NULL);