

DROP TABLE IF EXISTS Employee;

```
CREATE TABLE Employee (
id INT AUTO_INCREMENT NOT NULL,
username VARCHAR(255) UNIQUE NOT NULL,
pass_hash BINARY(60) NOT NULL,
salary INT,
name VARCHAR(255),
PRIMARY KEY (id)
) ENGINE=InnoDB, CHARACTER SET=UTF8;
```

+T→			id	num street		apt_no	city	state	zip
	<i>></i>	×	1	1234	SW GreenMachine Dr.	NULL	New York	NY	97111
	<i>></i>	X	2	555	SW malibu PI	3	Los Angeles	CA	97000
	1	X	3	0	space GXY	NULL	Milky Way	MW	0

DROP TABLE IF EXISTS Address;

```
CREATE TABLE Address (
   id
                    INT AUTO_INCREMENT NOT NULL,
                     INT NOT NULL,
   num
                VARCHAR(255) NOT NULL,
   street
   apt_no
                 INT,
                  VARCHAR(255) NOT NULL,
   city
                    CHAR(2) NOT NULL,
   state
   zip
                    DECIMAL(5) NOT NULL,
   PRIMARY KEY (id)
) ENGINE=InnoDB, CHARACTER SET=UTF8;
```



DROP TABLE IF EXISTS Customer;

CREATE TABLE Customer (

id INT AUTO_INCREMENT NOT NULL, username VARCHAR(255) UNIQUE NOT NULL,

pass_hash BINARY(60) NOT NULL,

name VARCHAR(255) NOT NULL,

address_id INT, PRIMARY KEY (id),

FOREIGN KEY (address_id) REFERENCES Address(id) ON DELETE SET NULL) ENGINE=InnoDB, CHARACTER SET=UTF8;



DROP TABLE IF EXISTS Billing_Info;

CREATE TABLE Billing_Info (

id INT AUTO_INCREMENT NOT NULL,

cc_number DECIMAL(16) NOT NULL, cc type VARCHAR(255) NOT NULL,

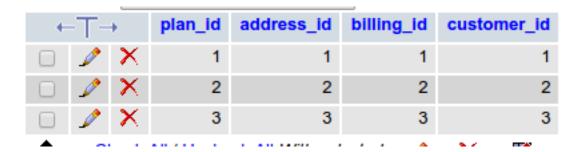
expiration_date DATE NOT NULL,

name VARCHAR(255) NOT NULL,

user_id INT NOT NULL,

PRIMARY KEY (id),

FOREIGN KEY (user_id) REFERENCES Customer(id) ON DELETE CASCADE) ENGINE=InnoDB, CHARACTER SET=UTF8;



DROP TABLE IF EXISTS Subscription;

CREATE TABLE Subscription (plan_id INT,

address_id INT, billing_id INT, customer_id INT,

PRIMARY KEY (plan_id, address_id),

FOREIGN KEY (billing_id) REFERENCES Billing_Info(id) ON DELETE CASCADE, FOREIGN KEY (customer_id) REFERENCES Customer(id) ON DELETE CASCADE, FOREIGN KEY (address_id) REFERENCES Address(id) ON DELETE CASCADE
) ENGINE=InnoDB, CHARACTER SET=UTF8;

	←T→			id	name	price	speed	added_by
		₽	X	1	nada	5.00	10	1
		₽	X	2	The kitchen Sink	10000.00	9999	2
		1	×	3	nada	1.00	1000	1
4								

DROP TABLE IF EXISTS Plan;

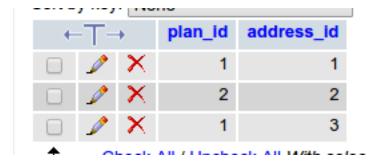
CREATE TABLE Plan (

id INT AUTO_INCREMENT NOT NULL,

name VARCHAR(255), price DECIMAL(9, 2),

speed INT, added_by INT, PRIMARY KEY (id),

FOREIGN KEY (added_by) REFERENCES Employee(id) ON DELETE SET NULL) ENGINE=InnoDB, CHARACTER SET=UTF8;



DROP TABLE IF EXISTS Address_Plans;

```
CREATE TABLE Address_Plans (
```

plan_id INT NOT NULL, address_id INT NOT NULL, PRIMARY KEY (plan_id, address_id),

FOREIGN KEY (plan_id) REFERENCES Plan(id) ON DELETE CASCADE, FOREIGN KEY (address_id) REFERENCES Address(id) ON DELETE CASCADE) ENGINE=InnoDB, CHARACTER SET=UTF8;