			id	username	pass_hash	salary	name
☐	✎	✕	1	hulk	\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0...	20000	Bruce Banner
☐	✎	✕	2	ironman	\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0...	200000	Tony Stark

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;

			id	num	street	apt_no	city	state	zip
☐	✎	✕	1	1234	SW GreenMachine Dr.	NULL	New York	NY	97111
☐	✎	✕	2	555	SW malibu Pl	3	Los Angeles	CA	97000
☐	✎	✕	3	0	space GXY	NULL	Milky Way	MW	0

DROP TABLE IF EXISTS Address;

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

←T→			id	username	pass_hash	name	address_id
☐	✎	✕	1	hulk	\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0...	Bruce Banner	1
☐	✎	✕	2	ironman	\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0...	Tony Stark	2
☐	✎	✕	3	starlord	\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0\0...	Peter Quill	3

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;

←T→			id	cc_number	cc_type	expiration_date	name	user_id
☐	✎	✕	1	12345678910	VISA	0000-00-00	Bruce Banner	1
☐	✎	✕	2	10987654321	MASTERCARD	0000-00-00	Tony Stark	2
☐	✎	✕	3	1111111111111111	BUCKS	0000-00-00	Peter Quill	3

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;

←T→	plan_id	address_id	billing_id	customer_id
☐ ✏ ✕	1	1	1	1
☐ ✏ ✕	2	2	2	2
☐ ✏ ✕	3	3	3	3

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
☐ ✏ ✕	1	nada	5.00	10	1
☐ ✏ ✕	2	The kitchen Sink	10000.00	9999	2
☐ ✏ ✕	3	nada	1.00	1000	1

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;

			plan_id	address_id
☐	🖉	✗	1	1
☐	🖉	✗	2	2
☐	🖉	✗	1	3

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;