Online auction system

Data dictionary

1. auctioner/users table

```
id int(11) auto_increment pk,
email varchar(150) not null unique,
password varchar(255) not null,
last_password varchar(255) default null,
status varchar(20) default 'active' // canbe - active, blocked, deleted
created_at timestamp default current_timestamp,
updated_at timestamp default current_timestamp
```

2. personal_details table

```
id int(11) auto_increment pk,
first_name varchar(150) not null,
middle_name varchar(150) not null,
last_name varchar(150) not null,
street varchar(255) not null,
phone varchar(15) not null,
alt_phone varchar(15) default null,
zip_code int(7) not null,
email varchar(150) fk references user(email)
```

3. category table

```
id int(11) auto_increment pk,
name varchar(150) not null,
```

4. sub_category table

```
id int(11) auto_increment pk,
name varchar(150) not null,
category_id int(11) fk references category(email)
```

5. location table

```
id int(11) auto_increment pk,
name varchar(150) not null
```

6. auctions table

```
id int(11) auto_increment pk,
title varchar(150) not null,
description text(512) not null,
date timestamp default current_timestamp,
start_time varchar(20) not null,
```

```
end_time varchar(20) not null,
location int(11) fk references location(id),
category int(11) fk references category(id),
sub_category int(11) references sub_category(id),
email varchar(150) references user(email)
```

7. bids table

```
id int(11) auto_increment pk,
amount int(11) not null,
time time default curtime(),
auction int(11) fk references auctions(id),
bidder varchar(150) fk references user(email),
```