

Tbay project

Create the models which you will use for the auction site (as eBay).

The items model should contain four columns:

- An integer id, which is the primary key
- A name string, which cannot be null
- A description string, which cannot be null
- A start_time DateTime

The user model should contain three columns:

- An integer id, which is the primary key
- A username string, which cannot be null
- A password string, which cannot be null

The bid model should contain two columns:

- An integer id, which is the primary key
- A floating-point price, which cannot be null

Extend your *tbay.py* file to model the relationships between your User, Bid and Item classes. The models should be related according to the following rules:

- Users should be able to auction multiple items
- Users should be able to bid on multiple items
- Multiple users should be able to place a bid on an item

You will need to delete and recreate your database before making the changes to the models. To do that you can run: `dropdb tbay && createdb tbay`

When you are happy with your classes, test them out by trying to:

- Add three users to the database
- Make one user auction a baseball
- Have each other user place two bids on the baseball
- Perform a query to find out which user placed the highest bid