# **Milest**one 4

**Concept**

Since I used to own a custom leather store here in San Diego, I thought creating an online leather store might be engaging. Besides selling off-the-rack merchandise, the site would also allow authenticated users to post consignment items for sale for an additional percentage on top of the asking price.

Anyone could purchase merchandise, but only authenticated users would be able to sell their used items.

Admins could modify any record; however, only authenticated users could modify their personal, unsold, items.

**User stories**

* Users want to be able to purchase specialty leather goods online
* Users want to be able to sell their own used specialty leather goods
* Users want to be able to search for items by category, price, etc.
* Users want to be able to see photos of any potential item for purchase
* ~~Users want to learn about the how each type of leather item is used or worn~~
* Admins need to approve consignment items
* Admins to be able to generate reports

Apps

* accounts
* products
  + Item
  + Category
  + Size
* orders
  + Order
  + Line Item
* cart
* checkout

Pages

* Home
* Register, login, etc
* New Goods
* Consigned Goods
* Consignment Upload
* Cart / checkout
* Admin functions other than those built in Django
  + reports
    - orders
    - sales
    - consignment approval

**Future Features**

* Inventory function to be able to verify availability
* ~~Add photo gallery function to allow for multiple photos, especially for consignment~~
* Add detail pages for the retail goods with more information, photos, usage, etc
* Inventory function (see notes)

Questions for Guido

* Is it ok if I separate my views into two parts, the initial page request and the submit portion?
* Why am I getting weird space on the right with bootstrap grid? show what happens if I take off the very small margin.

Big To Dos

* ~~Add cart functionality~~
* Get stripe ecommerce example working and then add to the project
* Add search / report function
* Add pagination, especially for small screens
* Comments section (common model with Django) Disqus
* Add Travis
* ~~Add AWS buckets~~
* Allow multiple images for an item
* Inventory to set max on way into

Not As Big To Dos

* Pictures that are not 4:3 are skewed. Have the phot JS correct that somehow.
* If an anonymous user tries to upload a consigned item, the system takes them to the login screen (this is good), but after they log in, they are taken to home, it should be back to the form. I am using the referrer method and according to the log, the system is providing a “next” value of the proper form, but it fails with a 302 0 error and goes to the index by default.
* On the cart page, use plus/minus kinks to increase/decrease the quantity
* Rename image files on the way in for consignment, otherwise files can be overwritten