

4. Initial list of functional requirements – see class notes. This refers to high level functions you plan to develop to the best of your knowledge at this point. Focus on WHAT and not HOW. Keep the user in mind. Develop these functions to be consistent with use cases and requirements above. Number each requirement with *unique numeric value* and use these numbers consistently from then on. For each functional requirement use 1-3 line description. At this stage no need to prioritize the requirements.

1. **Selling:** Being able to post an item with or without a picture uploaded and containing the price, condition, contact information, description, subject, and SFSU classes that uses this item. Will need a registered account in order to keep track of selling posts.
2. **Buying:** Being able to buy an item with or without an account as long as contact information is exchanged. Buyers can view posts and description without an account and payment option will only be in person to negotiate.
3. **Browsing:** Buyers can browse and search for items they are looking for. They can use a filter to filter by price from lowest to highest or vice versa. By default, the prices should already line up from lowest to highest.
4. **Categories:** In addition to Browsing, buyers can click on categories that turns into sub categories. For example, after clicking “Math”, the SFSU math courses and their course number will appear.
5. **Registering:** Sellers will have to sign in, in order to post an item for sale. Registering will require an email and a password.
6. **Terms of Service (TOS):** Sellers will have to accept the TOS once for their account before they can begin posting items. Inappropriate items or illegal items will not go live after reviewed from the admin.
7. **Administering:** After a seller submits a post for sale, it will not go live until an admin reviews and approves of the post. If the post is rejected, the post will be saved as a draft for the seller to change and resubmit.
8. **Accessibility:** The website will automatically adjust and resize when using it on a desktop/laptop and on a mobile device.
9. **Home page:** The home page will feature the most viewed items/categories in the past hour/day and will have other links at the bottom; How to sell page, contact us page, about us page, How to buy page. There will also be a search box at the top to quickly search for an item and a “sell” button on any top corner that will also bring you to the How to sell page.