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To: Web Dev 2 Instructor

Re: Proposal for Shopping Site

Date: 10/27/2021

## Vision

To create a versatile shopping app that allows users to post retro electronic items for sale, rather than then being sent to landfills, and for them to be bought by customers in search of that retro feel technology.

## Target Market

Target markets include retro gamers, film enthusiasts, collectors of certain brands/series’, and musicians.

## Objectives

1. Creation of broad website and design.
   1. The website will aim to encapsulate the feel of retro web surfing, while having the features of a modern website.
2. Creation of User Log-In system and database for items.
   1. All accounts will be able to buy and sell, guests will be able to browse and sign up.
3. Use of Tag and Category systems to allow users to easily find what they’re looking for.
4. Integration of embedded google map showing where the item is listed from (Optional from user).
5. Comments and reviews on user profiles (A sort of reputation system, will be moderated).
6. Easily sharable, pretty links.
   1. The links will be readable, so that users are aware of what they are clicking on, before doing so.

## Tables

1. USERS: Stores users’ personal information as well as their comment rating score.
2. ITEMS: Stores listed items’ information, as well as the location where the item can be picked up.
3. TAGS: Stores user created tags for items, these tags can be used as search terms when looking for items through the search bar. Each Item can have zero to 10 tags.
4. CATEGORIES: Stores admin created categories, these will be navigable through the Categories page, as a no-search way of finding items.
5. ITEMCATEGORIES: Stores instances of categories linked to items, one-five categories will be selected by the user when listing an item, and will be used to make the item locatable on the Categories page.

