

AS Capstone Project Proposal

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Project Name: PlugIn

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Project Description

I am proposing to create a social utility and selling website. There will be two groups of users, General and Moderator. Moderators will be allowed to edit listings from General users, in order to keep the site safe. General users can search for other registered users, search and filter listings, and request to buy items. A seller can accept or decline a request. When a request is accepted, the seller can see the buyer's state and zip code for further discussion about the sale.

Besides Craigslist and Ebay, there are not many websites in a similar category that don't link your personal social media account to your selling profile. For example, Facebook Marketplace forces you to use your personal media account as the selling profile. PlugIn allows users to create their own identity to keep their privacy.

Functionality

- Secure signup and login, for all user groups.
- Each user will have their own profile.
- Profiles will allow customization of biography and upload profile pictures.
- Users can post listings of a sale, it will display on their profile.
- Users can search and view other profiles.
- All listings will also display on the Plug (homepage).
- Listings can be searched and filtered by category (Home, Tech, Furniture, city, etc..)
- Users can be assigned as a moderator
Moderators can:
 1. Edit other users' listing(s).
 2. Edit other users' account(s).
 3. Remove user(s) from the site.
 4. Remove users' listing(s) from the site.

Development Platform

PlugIn will be a website coded in PHP with MySQL as the DBMS. PHP allows me the versatility of coding from MacOS or a Windows computer, without a hassle. I do not have a lengthy experience coding with PHP, but I have found it straightforward and easy to build with. This allows me to be confident in my development. PlugIn will be hosted on a site like Heroku, and version control will also be available on GitHub.