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Final Project 2015

Web Application Project Overview

I.   Mission Statement

What is the purpose or reason for the project? What need is it fulfilling or why will this solution be better than any other solution already available?

The purpose of this project is to broaden my skills for online web development using PHP. I will make a website with backend user access. The website will be a craigslist for automotive parts. There will be junkyards and other business' that post parts that people can't find else where. It will be a targeted audience.

II.   Background

What business or industries will the Web site be part of and describe the existing need. Outline why you can do it better or where the expertise comes from. Why now and what is the window of opportunity?

The industry I am aiming people who need automotive repair parts, and junkyards looking to sell trash. Craigslist doesn't aim for any single thing, so if i have a designated audience in a good time it could be good. Now more than ever people are trying to make their cars last longer because times are rough and buying a new cars is for the rich, not middle class, we are living off what we can spare.

III. Functionality

What are the basic functionality requirements for the site? What should the various audiences have access to for the site to be successful and meet the needs of the audience and fulfill the mission? What processes need to be in place to support the web site from a business perspective?

Basic functionality for users visiting the website will be access to all listed parts. if you want to post a part for sell you will have to sign up for an account. There should be business accounts, for junkyards and other big companies looking to get rid of scrap parts

IV. Data Structure/Types

List all data that will need to be stored from all facets of the Web site. Including environmental information like usernames and passwords and user data like phone and email and product information like inventory and costs.

Session Variables. File uploading for images. user table, post table. Homepage, find places, post places, contact,support, login, check post, settings, edit, post.

XVI.Success Measurement

What metrics will be tracked so success can be measured from Day One through 18 months? The measurement pieces can be different throughout the launch and on-going phase. Tools like Google Analytics can provide a plethora of data, but what pieces are important to measure success?

Craigslist, and other websites that have a similar concept. Google could help for finding business' to sell initial ad space too. Using google analytics for a spread sheet could be good, but also maybe programming some sort of variable to keep track of what is more popular to put on the front page. I could do my own analytics programmatically