

# Professional Information Website

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## Executive Summary

- The project we are working on is to be a website as a collection of documents detailing various computer components. The site will have a search feature to allow for quick access to desired information. The aim is to provide detailed information on specific components including part specifications, purchase locations and locations for additional information.

## Project Schedule

- Designing general website layout – November 3 - 9
- Creating a web map page – November 10 - 17
- Creating individual pages for each tech item – November 3 - December - 4
- Add information to each tech item page – November 3 - December - 4
- Creating search function - November 18 - 30

## Functional Description

- When the homepage of the website loads the user will notice a few things. The first item of interest is the search bar. They can click into this bar and type the name of there interested item. The search feature will take a small amount of space on the home page. The next item of interest is going to be the site map. This will be a small categorized list of some items featured on our site. The user can then click on the item name to be taken to the desired information pertaining to the item. This page will feature an image(if available), a summary of the item, the manufactures specifications of the item. It will also have a section linking to the manufactures website and possible purchase locations.

# System Requirements

- The interface will be made free of clutter. The idea we have is to make the information standout for ease of location. The data will be presented under the image and name of the item.
- The server will be running as an XAMPP apache server. It will have minimum specs since well will not be hosting a lot of users. The website will be expanded only by each item added to the overall collection. Since the information will be stored as a simple page or document memory requirements will be minimal.
- To provide simple, descriptive information to the general public free of charge.

Figure 1

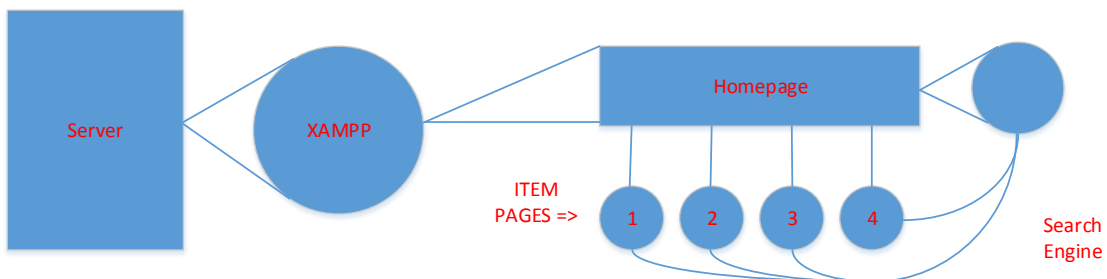
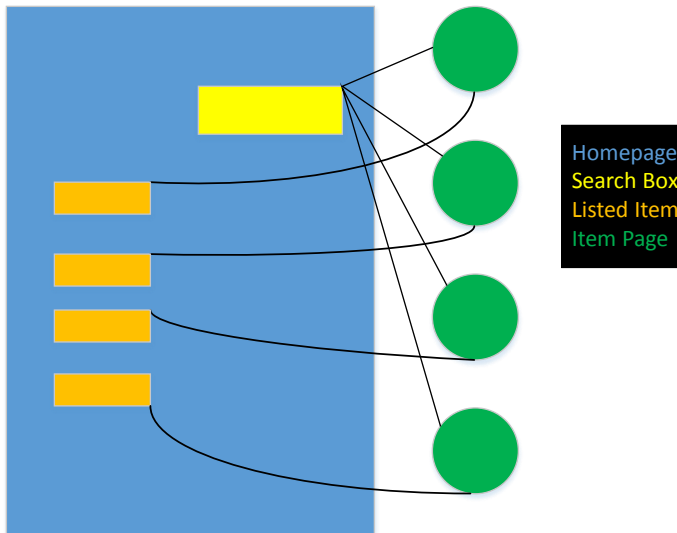


Figure 2



## Major Components

- Figure 1.1 displays the layout of the components. The Hardware being the server machine itself. The software components include the XAMPP server application. This components hosts the website. The website being the homepage with the search engine. Both then have access and lead into the item catalog.

## System interaction diagrams

- See figure 2
- The homepage(blue) and all the item pages(green) will be hosted and on the XAMPP software on the server machine. The homepage(blue) will have a search bar(yellow) and the listed items(orange) that lead to the item pages(green) as indicated by the lines(black).