List of non-functional

Performance Requirements:

1. Responsiveness: The website will be responsive on various monitor sizes, ranging from 10” netbooks to 24” desktop monitors. It will also be responsive with a wide variety of resolutions, from 1024x600 through 1900x1200.

2. Responsive Time: The average response time is around 3.5 seconds for a website. Google recommends a page to load in under 2 seconds. With this in mind, this website is intended to load at an average website speed with minimal user usage. The website will start lagging as more users continue to use the website. The website will load slower than average as more users continue to use the website

3. Test Requirements: performance test will include multiple load tests. Such as Load test on a different platform, load test on different computers with different specs.

4. Storage: The website will use all the available storage provided for its usage to maximize the website functionality.

Ease of Use:

1. Training: Training should be minimal, if any, as our site will be very user-friendly and should be used by anyone who visits it.

Interoperability Requirements:

1. Browser Compatibility: The website will operate on any browser that supports JavaScript, including Google Chrome, Mozilla Firefox, Safari, Opera, and Internet Explorer.

2. Computer and OS Compatibility: The website will operate on various operating systems, including Windows, OS X, and Linux. It will also work on any type of computer which can run a browser.

Security Requirements:

1. Login/Password System: The website will have a login/password system to maintain the profile preferences. This implementation will also require password confirmation upon creation. We will also ask the user for their email address to retrieve a forgotten password

2. Resource Utilization: Resources such as the MySQL database on the https://lamp.cse.fau.edu server will be accessed through the PHP code using the usernames and passwords therein. All-access to the https://lamp.cse.fau.edu servers and their resources will be obtained with the usernames and passwords given.

Portability Requirements:

1. Platform Compatibility: The website is developed for mobile and tablet.

Mobile and tablet compatibility will be implemented by our team.

Supportability Requirements:

1. Coding Standards: the website will be coded in a range of 75-80% of coding standards for HTML5 and CSS3, JavaScript, and PHP. The code will be produced, reviewed, tested, reviewed again, and finalized by yet another developer for efficiency.

2. Naming Conventions: HTML classes and id tags will be coded in lowercase except in the situation where there is more than one word in a name, and then it shall use camel case convention.

Storage Requirements:

1. The storage for the website will consist of the phpMyAdmin.net server holding our MySQL databases within an unknown capacity as well as holding our files for the actual site.

Survivability:

1. the website will be stored on <https://lamp.cse.fau.edu> servers, and the significant files and documentation will be backed up on Google Drive to prevent loss in case of a fire or other physical destruction of the servers.

Availability Requirements:

1. Accessible Times: the website will be available for use 24 hours a day, seven days a week. It will be up and running if the https://lamp.cse.fau.edu server is available.

2. Downtime Impact: The downtime will be minimal, but when necessary, a splash page will be used to identify that the system is in maintenance. Downtime impact is expected to be minimal, and the scheduled downtime will be announced ahead of time.

3. Rating: The Website is suitable for everyone