**Requirements-Iteration Revised**

**Development, Operation, and Maintenance Environments**

1. The hardware and software that will be necessary to build and maintain the project would be a computer that is “decent” enough. A computer that has an Intel core i3+ plus processor or an equivalent processor from a different manufacturer with at least 6GB RAM with a hard drive/solid state drive of at least 400GB is recommended. In terms of software, one would need at a minimum a Notepad++ for basic HTML, JavaScript, and CSS coding. Another software that one could use is Sublime Text2. Having a web browser is a must, preferably Firefox and Google Chrome. Both browsers are good for debugging and are used by most individuals.

**System Model**

1. Will be added later

**User Interaction**

1. The program for the user is straight forward. The user will be able to interact with the website by seeing other people in their area that want to participate in the meal plan. Whether they be the host or looking for a family or a group to have a meal with. This information will be on the main page of the site for fast accessibility. The user will also be able to upload pictures or videos that they desire, that is related to organizing meals or giving other users an idea of what outdoor activities they are in to or content that has to do with their PIE experiences.

Nude images or sexual relationships will not be tolerated neither do we condone such actions, this is not a dating or chatting site. The user will also have the ability to fill out a form for when they want to volunteer and host a meal or vice versa.

**Functional Requirements**

1. Below are the requirements of the system:

Primary Requirements

* We need to host the website on a server
* We need a database to store information for the forms
* We will have a calendar that will be used for clients to book days where they will be organizing meals or other outdoor activities.
* We plan on having a third party service that we can implement to check the background of users/volunteers who get added on the site. This will be for security purposes.
* The website will be free for the time being until further development.

Secondary Requirements

* Determining how users will pay for the services the website offer. WePay, amazon pay, etc.
* Translating to different languages. For restaurants that are in different language.
* Get people to join the website.
* Testing yourself by booking you and your friends for software development

**Nonfunctional Requirements**

1. A user will be able to use our website for their needs anywhere in the world since it is in the internet. Our project is based to be used in the United States as far as the physical environment is concerned. Specifically, we will focus in Ellensburg for testing purposes but the functionality will not differ by city or state, except for the restaurants in that particular town and we can adapt to that by embedding a location service/GPS API. Currently our project does not have any other systems that it will interface on the actual website itself. We will have external links that will refer a user to either a restaurant or a third party website/program for background checking.

Conceptually, how efficient it will be in countries that are not as advanced as the United States is something that we cannot fully determine currently. Some of the factors that might hinder for our project to be something of value to others across is the world would be things such as: background checks for new users, paying system, and restaurants. But, if someone out of the country would like to assist their friend/family member in the United States, they would be able to do that with minimum limitations.

For nonfunctional requirements here is how the system will adapt to some of those instances:

**Efficiency**- The system itself will be quite efficient in terms of providing the service that the user expects the program to provide as our website is catered to a few specific things that ensure the vision statement is met without too much jargon. The user interface is designed with the concept of simplicity and no learning curve. The text and diagrams are large enough so elderly people will have little to no problem to navigate through the site.

**Reliability**- This will not be an issue for the user since our implementation is streamlined concisely with what is necessary. The only factor that may affect the system’s reliability is whether users actually sign up and interact with other users and arrange meals and outdoor activities, because if this is not accomplished, the site serves no purpose for the user.

**Portability**- This won’t be a major issue since majority of users have access to internet. Whether that be via a cellphone or a computer. For those who may not have either, libraries, school labs, and cyber cafes are other considerable option. The only downside with a user accessing it on a cellphone is that all of the content may not fit on the screen or be displayed as it would have been on a computer. Further down the road, this will be something to consider, mobile version for our website.

**Problem Size**- The problem size is big enough to make the project fun and challenging. For instance, we have to figure out how we will approach background checks without making the user feeling uncomfortable. We have to find a way of translating language in a reliable-efficient manner. We are certain that as we implement some of our core requirements, the problem size will be affected, hopefully not too drastically.

**Feasibility**

1. In terms of feasibility, we are certain that we can finish our project by the end of winter quarter with no problem, but we are aware that some minor set backs are inevitable for various reasons, but nothing that we cannot handle.

**Appendices**

1. Will be added