Charge to the Programming Team:

Build a website to support the creation of a weekly menu with a matching shopping list. The site should support the addition of new recipes and shopping items. It will include a welcome page and a way to view all the recipes. Maybe a search could be added. It will be able to display the details of a single recipe. It will support the entry of new recipes and a way to add new items for the recipe that will be added to the shopping list. If an item already exists, it should not be added as a new item, but use the existing item. A create a menu page will allow the selection of up to seven recipes for the week. It would be nice to show this on a calendar, but not necessary for the first iteration. In addition, a recipe builder that selects a diverse group of recipes for a week would be useful. A grocery list will be created with each item (ie. butter, salt …) listed only once with a single total amount required even if it is in multiple recipes. It would be nice to allow someone to mark or remove items on the shopping list that are already available in the pantry for a recipe. A table of conversions for common items in a recipe would be helpful to make the grocery list. For example, how many Tablespoons of butter make up a stick of butter and how many sticks of butter in a package. The customer is open to other ideas to make the site more useful.

There is already a database with recipes and items related together. A script to create the database is available for each team. A database schema will be created for each team in MySQL on the Stout server and each team will be given a home directory for a site on the Stout server supporting PHP and JavaScript.

We will have the customer periodically available to discuss goals for the site and the first Sprint to work on the site.