

Your Kitchen Manager

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Early Exposure Test Results

Draft 1
28 February 2011

Summary of Findings

Our findings for each of the four pieces of the site (Shopping, Planner, Pantry, and Recipes) are given in their own section below:

The Shopping portion of the site in general did not seem to work correctly. The shopping trips that were created had no connection to the meals that were planned, and some of the items on the list had a quantity of 0. Additionally, there was no way to delete or edit shopping trips. However, the integration with MarketFresh worked as expected. If possible, the searches should be limited to food items.

The Planner seemed to work well overall, having only a few bugs and some unclear usability concerns. The meals created by the planner ask for number to feed but when creating recipes there does not seem to be a 'general servings per person' so as to warrant such a field in the planner (this value does not seem to pop-up anywhere after creation). the pantry and meal planner do not reflect upon one another it seems, as there is no checking feature that says if there is enough of various ingredients for a meal or whether those ingredients in the pantry are deducted after a meal has passed.

The Pantry is currently very functional. All of the core features are behaving as expected. In particular, populating the pantry list, editing values, deleting items, and sorting are all working well. However, there are some edge cases that are not validating. When adding a new item, there are two text fields, "Name" and "Quantity". For the "Name" field, it is possible to overflow the text field and get a server error upon submission. Putting a max character restriction on the "Name" field would avoid this bug. For the "Quantity" field, non-number values and numbers larger than the size of an integer return a server error upon submission. Also, a negative value is accepted. Validation on the "Quantity" field before contacting the server, and providing the user with suggestions would prevent this issue. The layout for the pantry is simple and appealing. The sort feature is really great for quick searching, and all of the controls are intuitive. However, you may want to consider bringing the "Add New Item" control to the front pantry page so it is easier to access.

The Recipe page works well, and most of the usability issues (such as the need for a better form to add recipes) are already known by the developers. The scraping of recipe sites seems to work particularly well, which is impressive. It would be nice if the search also searched through the ingredients, because the names of the recipes might not be obvious.

Bugs Found and Reported

1. Shopping - some boxes on the calender lead to error pages:
<http://redmine.jeffbooth.info/issues/86>
2. Shopping - visited links in the calender are harder to click:
<http://redmine.jeffbooth.info/issues/87>
3. Shopping - page greets the user with their username instead of their real name:
<http://redmine.jeffbooth.info/issues/88>
4. Shopping - planned shopping trips do not have the correct shopping items:
<http://redmine.jeffbooth.info/issues/89>
5. Shopping - some items have a quantity of 0:
<http://redmine.jeffbooth.info/issues/98>
6. Planner - number to feed field does not factor into quantity needed on shopping trip:
<http://redmine.jeffbooth.info/issues/97>
7. Planner - Number to Feed field not validated:
<http://redmine.jeffbooth.info/issues/100>
8. Pantry - Pantry fields not validated (overflows, non-numeric, negative values):
<http://redmine.jeffbooth.info/issues/99>
9. Planner - meal not added to schedule:
<http://redmine.jeffbooth.info/issues/101>