Product Backlog

Epic Name Deployment
As the product owner I want the product to be easy to deploy.

> **Story Name** Libraries   **Business Value:** Highest (Non-Negotiable)
> As the product owner I don't want the system to use any "third party" libraries so we can avoid licensing issues.

Epic Name Style Guide Conformance
As a quality assurance engineer I want to be able to assure that the source code conforms to the company's style guide.

> **Story Name** Unit Test Packaging   **Business Value:** Highest (Non-Negotiable)
> As a quality assurance engineer I want all JUnit tests to be in the testing package and include Test in the class name so I can confirm that the code conforms to the company's style guide.

> **Story Name** File Extensions   **Business Value:** Highest (Non-Negotiable)
> As a quality assurance engineer I want the system to only use the file extensions .class, .cfg (for configuration information), .dat, .java, .mel (for meals), .ntr (for nutritional information), .png, .properties, .rcp (for recipes), and .txt so I can confirm that the code conforms to the company's style guide.

Epic Name Graphical User Interface
As a user I want the system to have a graphical user interface.

> **Story Name** Conformance to Interaction Design Document **Business Value:** Highest (Non-Negotiable)
> As the product owner I want the graphical user interface to conform to the interaction design document but not include any components (even disabled components) that do not correspond to features that are currently in the product.

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Epic Name Information Representation
As a user I want the information in the system to be represented in a consistent, flexible manner.

> **Story Name** Recipe Characterization   **Business Value:** Highest
> As a user I want a recipe to include a name and the number of people it serves so that it is easy to refer to and scale.
>
> **Story Name** Ingredients   **Business Value:** Highest
> As a user I want the ingredients in a recipe to consist of a name, details, an amount, and a unit so that I can have the flexibility I need.
>
> **Story Name** Steps   **Business Value:** Highest
> As a user I want the steps in a recipe to consist of an action, an ingredient or the contents of a source utensil, the destination utensil, and the details so that they can be used to provide the functionality I need.

Epic Name Editing Recipes
As a user I want to be able to edit recipes.

> **Story Name** Order of Ingredients in Recipes   **Business Value:** Highest
> As a user I want the ingredients in a recipe to be presented in alphabetical order by name so that it is easy to see if a particular ingredient is used.
>
> **Story Name** Order for Steps in Recipes   **Business Value:** Highest
> As a user I want the steps in a recipe to be presented in the order in which they must be performed so that the steps are easy to follow.

Epic Name Viewing Shopping Lists
As a user I want to be able to view shopping lists.

> **Story Name** Shopping List for a Meal   **Business Value:** High
> As a user I want to be able to create a single shopping list (for a particular number of people) for the ingredients in a meal so that I can easily purchase what I need to prepare it.
>
> **Story Name** Units in a Shopping List for a Meal   **Business Value:** High
> As a user I want to be to choose the units for a particular ingredient when multiple recipes in the same meal use the same ingredient but with different units so that I can easily purchase what I need to prepare it.

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Epic Name Viewing the Preparation and Cooking Process
As a user I want to be able to view the process required for preparation and cooking.

      Story Name Viewing the Utensils and Steps in a Recipe   **Business Value:** High
      As a user I want to be able to view the utensils and steps in a recipe so that I don't have to worry about accidentally changing the recipe while working.

      Story Name Viewing the Utensils and Steps in a Meal   **Business Value:** High
      As a user I want to be able to view the utensils and steps in a meal so that I don't have to worry about accidentally changing the recipe while working.

Epic Name Tools
As a user I want to be able to use various tools related to shopping, preparation, and cooking.

      Story Name Calculating the Calories Per Gram   **Business Value:** Highest
      As a user I want to to be able to determine the calories for a given number of grams of an ingredient so that I can estimate how many calories a particular ingredient has.

      Story Name Unit Conversion   **Business Value:** High
      As a user I want to to be able to convert from one unit to another so that I can use appropriate amounts of ingredients.

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