

BrewRu

HomeBrewing Demystified

Welcome traveler! Here in you will find the secrets of brewing excellent beer yourself as well as the effects of 3 pots of coffee and days of coding.

Now that levity hour is over, let's get down to business. This project was created to help new homebrewers have a better experience brewing their first beer. There are a few existing solutions, but these only allowed the user to create a recipe and gave no help during the actual brewing. BrewRu changes this, walking you through the process step by step. I dare say that if you were to pick a recipe from the list and brew it, it would turn out quite well.

Basics for running the program are in the readme.md file. Once the project is running, you can choose from 3 primary options: Getting Started, Recipes, or Create Recipes. Getting started will give you a few links to tutorials, equipment lists, and some suggested reading. The Recipes page will allow you to view recipes already in the system, and brew them. From the Create Recipes page, you can create your own recipe, save it, and brew it.

To create a recipe, simply follow the steps on your screen, adding malt, hops, and yeast from the list provided. While there are hundreds of options, we have included some of the more common ones. A commercial release would include the rest of the currently available options.

As a note, when going through the recipes page, only select items with "NEW" in the name. There was an error in the django powered database that is preventing us from deleting the old recipes that do not work with the current implementation and we haven't been able to remove them even from the supposed admin page built into the site.

Now we come to the real value proposition of this software, the BrewDay Assistant. To use this, select a recipe from the list (keeping in mind the "NEW" piece of the name) and click Brew. Now you will be able to walk through the process by clicking the button on each expandable piece to signify that you have completed that step. Simply follow through to the end, and you're all set.

If you have any questions, please feel free to reach out to me at jmmarti3@illinois.edu or 618-889-3518