Criterion E

Success Criteria and Feedback

All success criteria have been met. Recipes are added, edited, and deleted correctly and are written correctly to a text file that can be accessed and downloaded or backed up. There is a simple interface that is guided by information pop up messages, and recipes are formatted in the way the client wanted. Scaling, searching, and sorting all work correctly.

Some areas had more feedback than others. While simple enough to understand, some areas of the interface were cluttered and had too much going on. The client also wanted the interface to look more colorful and neater. He also liked the scaling feature but suggested changing how the recipe scaled depending on the type of recipe. He also recommended adding sorting by alphabetical order. There are also still some bugs when users put in wrong information. While the program still works the majority of the time, some inputs might cause the program to act unexpectedly, but these are very rare. The client did agree all criteria were met.

Words: 168

Recommendations for Future Improvements

1. Cleaner Interface
With use of JEditorPanes, I can make text areas with varying fonts, making the overall design look nicer. I can only reorganize certain panel layouts and reduce wording on panels like AddPanel.

2. Better Sorting/Searching
While the search feature works well if the recipe is in the program, a better search feature can involve finding recipes closest to what is searched for. This can be done by dividing String titles to find if a word order matches or by ranking keywords (like Google). This could also extend to searches being non case sensitive. I can also implement different aspects to sort recipes by, like alphabetical order as my client suggested.

3. Better Scaling
Scaling can be improved by changing how each ingredient scales by what type of ingredient it is. Instead of scaling everything linearly, a lookup with a HashMap or other data structure will change how much an ingredient's amount is increased/decreased by. There can also be scaling based on whether the recipe is baking or simple cooking or the user can input how to scale the recipe.

Words: 184