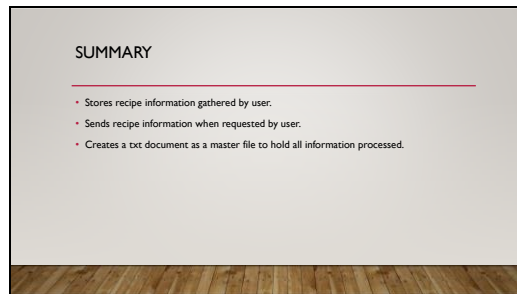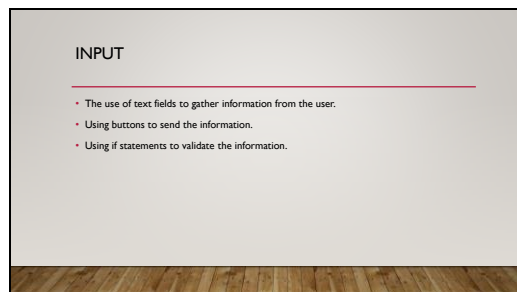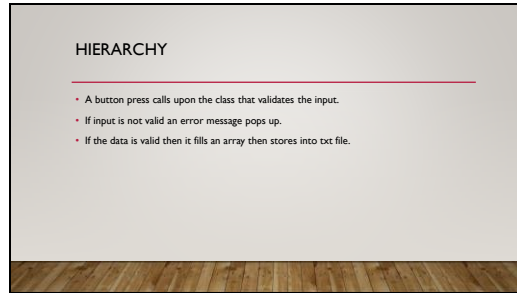Slide 1

Slide 2

This project will allow the user or cook to be completely paperless and hassle free when trying to find a specific recipe they need. This project will include multiple for loops and nested if else statements to fill different arrays and create a library of recipes within a txt document called Recipes.txt.
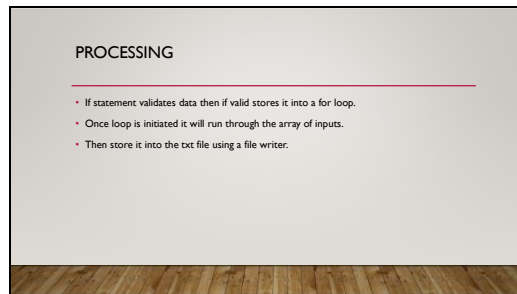
Slide 3

The input within the files will be as such there will be an array that creates text fields to the exact amount of ingredients and instructions needed to type in the recipe. Then a button will be pressed to validate the data in order to save it to a text document.

Slide 4

HIERARCHY

- A button press calls upon the class that validates the input.
- If input is not valid an error message pops up.
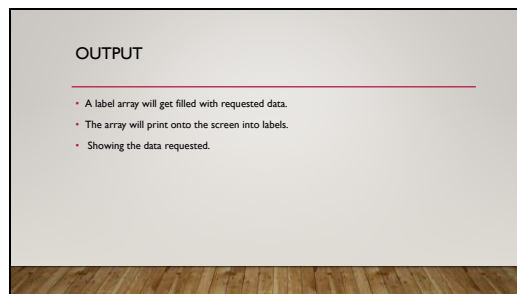- If the data is valid then it fills an array then stores into txt file.

The hierarchy will go as followed the constructor will be tied to an action listener that will call upon a class to validate the data that is needed to fill the begin the for loops so the array of data gets stored properly.

Slide 5

PROCESSING

- If statement validates data then if valid stores it into a for loop.
- Once loop is initiated it will run through the array of inputs.
- Then store it into the txt file using a file writer.

Once the data had been inputted within the starting text fields a button will validate the data and begin a for loop creating the exact amount of text fields that are needed. The data then will be submitted with the help of another button that will then send the data to a file writer which will store all the data.

Slide 6

OUTPUT

- A label array will get filled with requested data.
- The array will print onto the screen into labels.
- Showing the data requested.

When searching for the recipe wanted the user can use a text field to search the txt document by using a file reader accompanied with a buffer reader to find that instance of text within the document. Once found the file reader will begin to populate an array of labels to then print onto the screen.