

Criterion B: Design

The Pantry

Cook, eat, enjoy.

Username

Password

Continue

Don't have an account?
[Create an account](#)

If the username is not an existing account, an error message pops up indicating it is due to the name not existing. If the password is incorrect, an error message will say that the password is incorrect. After 3 failed attempts of logging in, the java program will close.

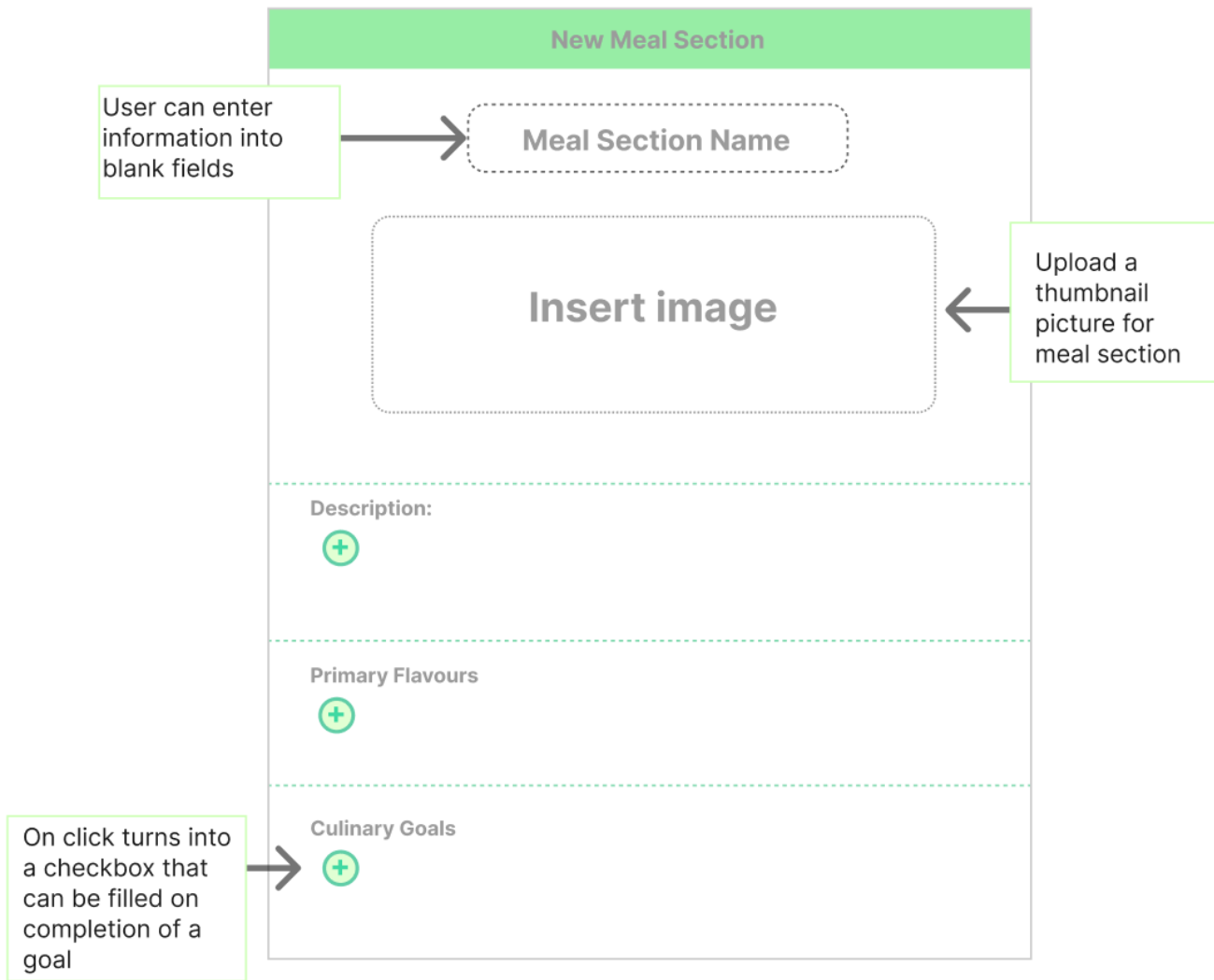
Create a Pantry account

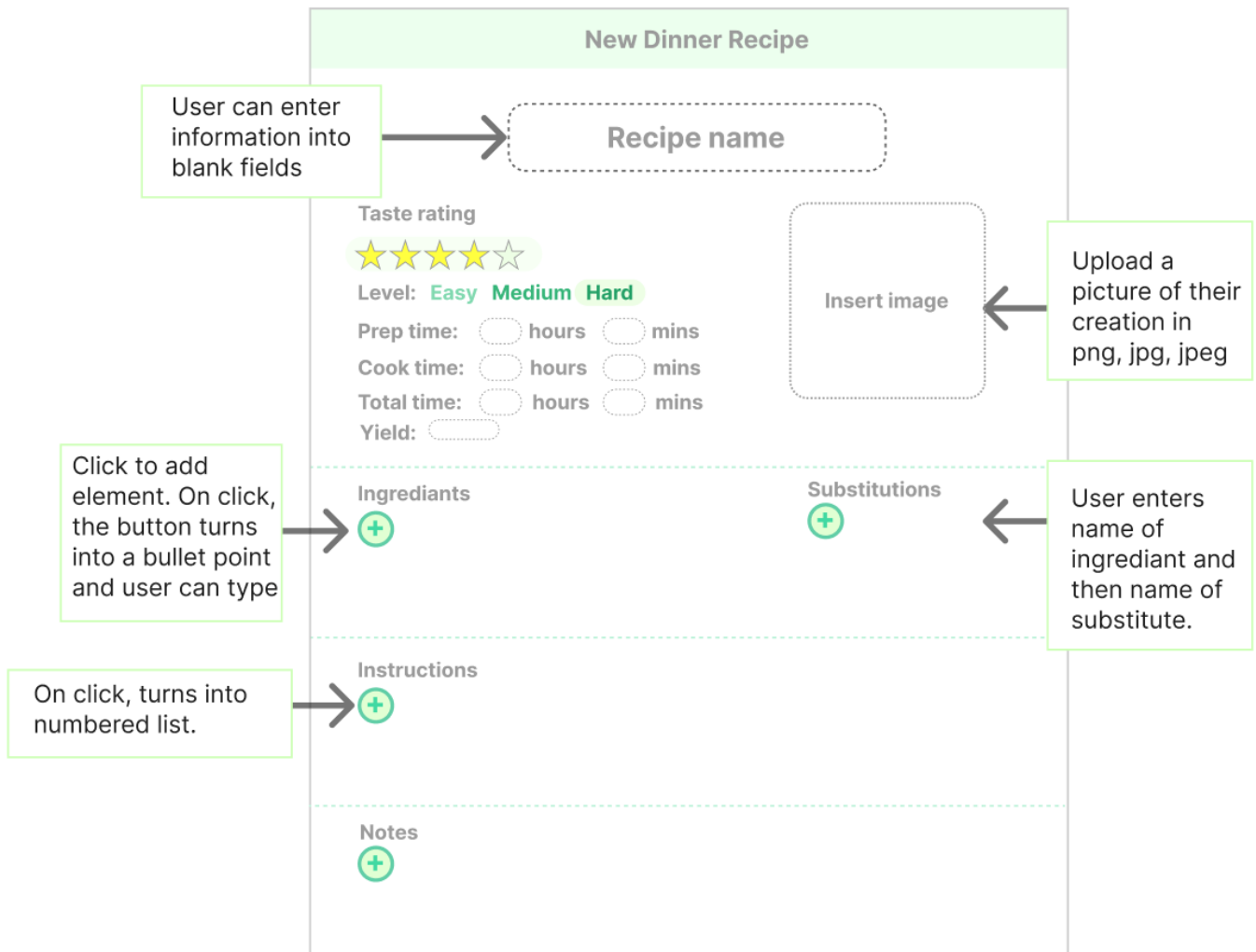
Username

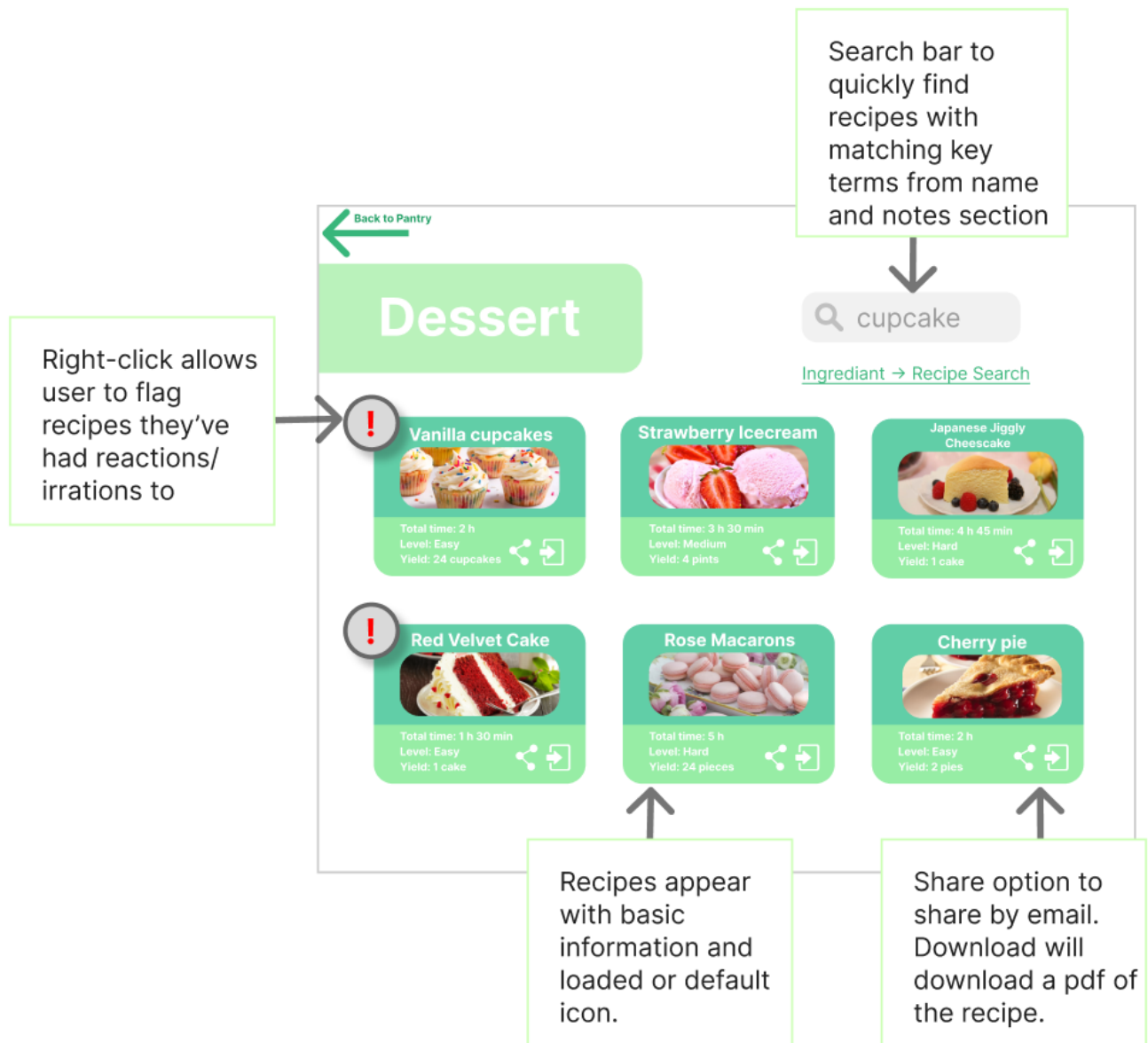
Password

Confirm Password

Confirm







On click, user can open a window with nutritional information

[View nutritional information](#) Dessert Recipe



User can edit the recipe, delete it, share or download.

Rose Macaron

Arthur's Pantry

Taste rating



Level: **Hard**

Prep time: 2 hours

Cook time: 1 hour 15 mins

Total time: 3 hours 15 mins

Yield: 24 pieces



Ingredients

- 2 cups Almond flour
- 4 Egg whites
- 1 tsp Vanilla extract
- 4 tpb Rose essence
- 1 drop Pink food colouring
- 3/4 cup Powdered sugar

Substitutions

- **Water** instead of **Milk**
- **Beet extract** instead of **Pink food colouring**

Substitutions will be used later on for the recipe searching feature

Instructions

1. Whisk together dry ingredients
2. Bring egg whites to a stiff peak
3. Fold sugar into egg whites
4. Add in dry ingredients to the eggs
5. Pipe out batter onto silicon mat
6. Bake at 450F for 1 hour and 15 mins

Common words such as "mix" or "combine" will be autofilled

Notes

Summer ^X **soft** ^X **sweet** ^X

Ingredient → Recipe Search for Desserts

All ingredients from every dessert item is compiled into a list where users can select which ingredients they have

- ☒ Eggs
- ☒ Milk
- ☐ Flour
- ☒ Vanilla extract
- ☒ Cream
- ☒ Sugar
- ☐ Baking powder
- ☐ Baking soda
- ☐ Cocoa powder
- ☐ Lemon juice
- ☐ Cinnamon
- ☒ Strawberries

Recipes you can make:

Strawberry Icecream

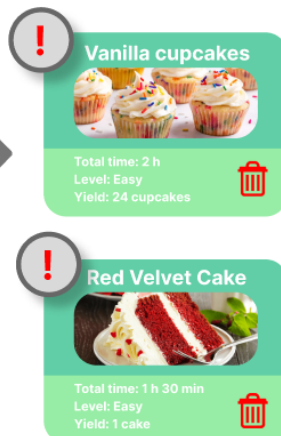


Total time: 3 h 30 min
Level: Medium
Yield: 4 pints

After each individual selection of an ingredient, the window is refreshed such that the available options appear instantaneously

Allergy and Irritation Detector

Summary of recipes you had a reaction/irritation to:



Displays the recipes that the user has flagged and gives option to delete them

Ingredients in common that you may be sensitive to:

- Ground nutmeg
- Molasses
- Cinnamon
- Olive oil
- Almond oil

Finds ingredients common to the flagged recipes that are not found in any of the non-flagged (safe) foods

Program Flowchart

