Pantry Inventory

Reporting On Our Progress

Sustainable Development Goals and Targets

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Due to the COVID-19 pandemic, U.S. consumers have altered their dining habits. More than half of Americans are now cooking and baking at home. Sales of bread machines and mixers have surged. Online cooking classes, recipe websites, and food blogs have seen a profound increase in traffic.

1 Searching the web for recipes then hunting for the ingridients needed.

2 Going into the kitchen and searching for combinations you may like.

3 Settling for a bland boring option or boxed meal kit.

Instead of falling back on these undesirable and often unhealthy options, there may be a recipe for the ingredients already at hand.

For example, the inexperienced home chef might currently have chicken, lettuce, tomatoes, onion, pickles, teriyaki sauce, and mayonnaise in their kitchen inventory. However, unbeknownst to our hapless home chef, another suitable option, viable solely with the current inventory, would have been chicken lettuce wraps.

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Features

1

Account Sign Up & Login

The user shall be able to create an account by providing a valid email address and password. The user shall be able to login to their personal account after registering.

2

Inventory Add & Update

The system shall be able to collect a list of ingredients from the user that are currently in stock in the user's home.

3

Search Recipe API based off Inventory

The system shall be able to return a list of recipes that are possible given the list of ingredients and criteria that the user has provided by utilizing calls to the API.

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Presenters

Ashia Proia

TEAM LEADER/ FRONT END
DEVELOPER

Presenting front-end user
interface sign up and login
features.

Matthew Wadsworth

LEAD DEVELOPER

Presenting Recipe API and the
functionality of searching the
database.

Stephen Loczy

DOCUMENTATION/
DEVELOPER

Presenting Functional
Requirements currently in
place and still to come.

Samatha Holland

DEVELOPER

Presenting all else fails phase.
What it is intended for this
feature with google maps API.

Justin Bengnoche

DEVELOPER

Presenting Non Functional
requirements. Those that are in
place and those to come.