

Software Engineering Spring 2021



Home Kitchen Automation

Indrasish Moitra, Milos Seskar, Shreyas Heragu, Kevin Lin, Maxwell Legrand,
Jonathan Wong, Allen Chang, Elysia Heah, Mark Stanik, Brandon Luong

ChefCart & You

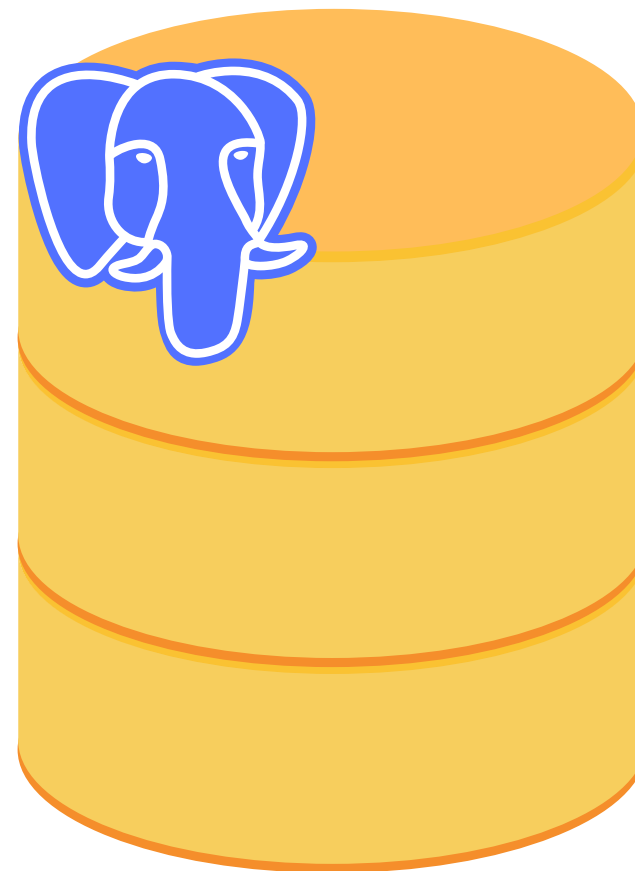
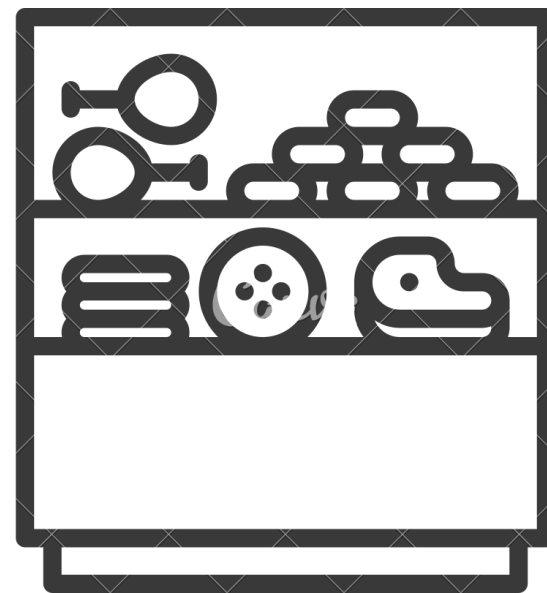
- Facilitate methods of home cooking
- Filters tailor to culinary and dietary needs
- Flexible and dynamic user specifications
 - Digital Pantry
 - Recipe Generator
 - Grocery List



DIGITAL PANTRY



Display pantry
data to user



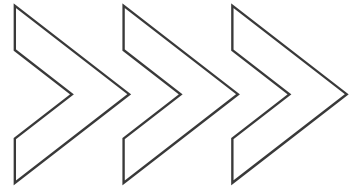
Postgre SQL
database
(persistent
storage)

Verify
ingredient



User adds,
updates, or
deletes
ingredient

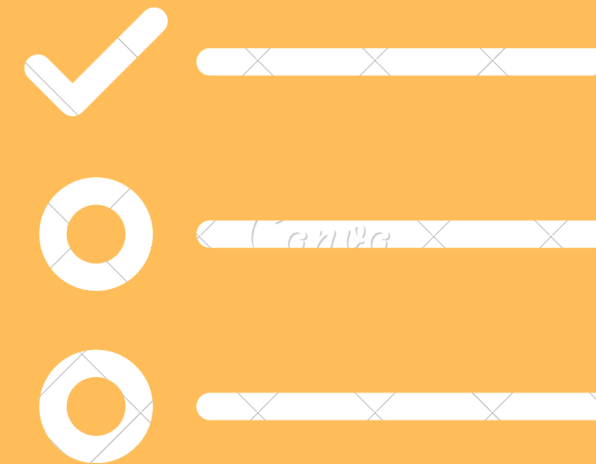


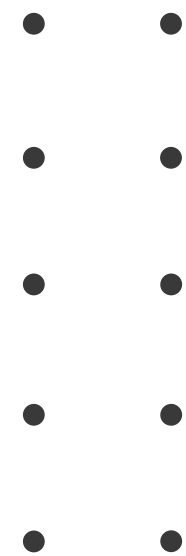


- Free, flexible range over search filters
- Automatically connected to stored pantry data
- Useful and accommodating across different levels of expertise, limitations, budget size, etc.



RECIPE GENERATOR





Walmart API

Geonames API gets
zipcode from User
City and State

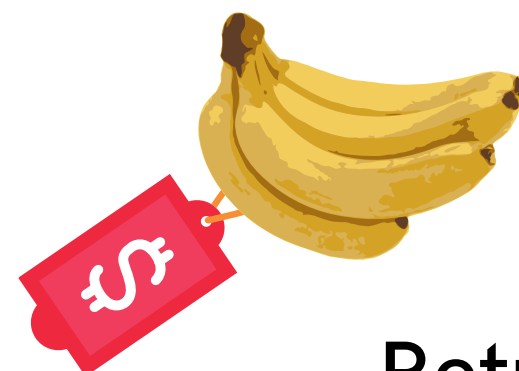


Verify
ingredient



Adding to
the list

GROCERY LIST

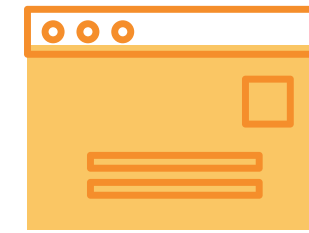
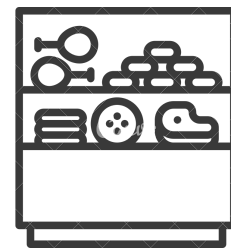


Returns closest
store info and
search results

User searches
for an item in
the list



PROJECT MANAGEMENT

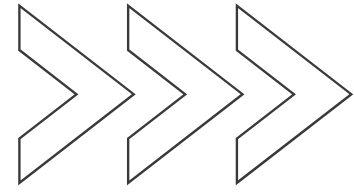


Digital Pantry: Shreyas Heragu, Indrasish Moitra, Mark Stanik

Grocery List: Shreyas Heragu, Kevin Lin, Elysia Heah

Recipe Generator: Indrasish Moitra, Brandon Luong, Milos Seskar

Web App Design: Jonathan Wong, Maxwell Legrand, Allen Chang



LOOKING AHEAD

- Saving Recipes with Notes
- Default Pantry Items
- User History
 - Searches
 - Recipes

