Raw Material Inventory Tracking System
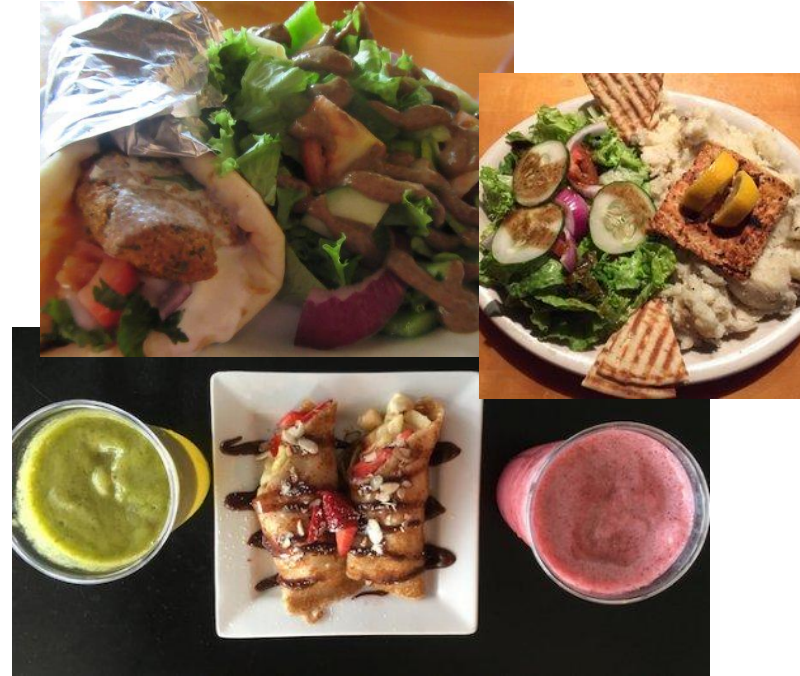
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Project Description

Contact: Bassam Helwani

Title: Owner of Two Cats Cafe, Muncie

Description: Bassam wants to utilize a software to track the raw material in his restaurant. In restaurants, ingredients are bought in bulk sizes and used in small sizes for each food. He wants to track how much ingredients are used at the end of the day/week/month for specific menu items. He also wants to calculate and track the cost of each ingredient in a food item. The system will also allow him to create notifications about certain raw materials when Bassam needs to restock them.

Meeting Summary

- The meeting was held on 1/30/19 over Skype
- Blake Prescott was the minute recorder
- Overview of our progress
- Discussed meeting protocol changes
- Showcased our software
  - Currently being rendered in HTML
  - Two pages
    - Summary
    - Material Instances
- Re-Prioritizing and our plan moving forward

Important Moments

After we showed Bassam the software, he had a few comments and suggestions:

- Timestamps
- Show who updated an inventory item
- Make the function as simple as possible, focus on tracking inventory"

In addition, all of our meetings will now be held over Skype.

Back-End

- Finished structuring database:
  - Models (Tables):
    - Material
    - Material Type
    - Unit
- API:
  - Adding/editing/removing Material Types
  - Adding/editing/removing Material Instances
- Summary Page
  - Displays Total Amounts
  - Earliest expiration date
- Instances Page
  - All instances of a material type

Front-End

- Front-End was delayed to iteration 2
    - Learning ReactJS required more time than expected, resulting in the delay.
    - This puts us behind schedule, but we are certain that we will be able to get back on track.
    - We will achieve this through a shared Udemy ReactJS course.

Demo!

- User can add, edit, and remove a material they want to track
- User can add, edit, and remove inventory of different materials
- User can view a summary of their inventory:
  - Initial Amount
  - Total Amount
  - Available Amount
  - Unit of measurement for weight
  - Expiration

Project Clarification & Changes

- Re-Prioritizing:
  - Profit
  - Authentication
- Summary Page:
  - Used Amount
  - Last Updated
  - Who updated
- No overwriting data:
  - Timestamps
  - recording changes
  - History page

Plans For Iterations 2

- **Back End:**
  - Authentication:
    - Think ahead : third month recording history
    - Login, register, forgot password
  - Keeping Track of Expirations and Low Amounts:
- **Front-End:**
  - Connect to react front-end and communicate with API accordingly:
    - Summary Page, Instances Page, Log-in Page,
    - Signifiers for upcoming expiration dates
    - Signifiers for low amounts

Plans For Iterations 3

- **Separation by Restaurant:**
  - Separate data between Restaurants
  - Add/Remove/Edit Restaurants
  - Authentication
- **Activity History:**
  - Shows who did what and when