



Ing-Ready-ntS

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CS 411 PT-1 Team 083

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Summary

Our application, Ing-Ready-nts, is an e-commerce and recipe website. Users will be able to choose between many recipes for a Dish of their choice and have the required ingredients for the recipe added to their cart, ready to be ordered and eventually delivered to their address.

Description

Users will be able to log-in and save their payment methods and addresses securely. The users first search for a Dish which they would like to have. From a large dataset, a list of recipes will be showcased (sorted & filtered based on ratings or other preferences) to the users. Upon choosing their recipe, the ingredients needed for it are automatically added to their cart. They can then get these products delivered to them and track their orders as well as rate the products.

Users will also be able to choose how many portions of a certain recipe they want, and the site will automatically increase or decrease the amount of ingredients added to your cart compared to what is needed in the recipe. They will be able to remove any of the ingredients from the cart if needed, before placing the order.

Usefulness

First things first, our application certainly helps with simplifying the grocery buying process. Now you just need to plan your meals a week or two ahead, and all the required ingredients automatically get added into your cart for ordering. The quantities of items to be ordered are taken care of too, provided you specify how many servings you would need.

There are websites like Amazon out there that enable you to purchase groceries online. There are also websites like Food.com that give out various recipes for your favorite dishes. But there isn't any website enabling you to do your grocery purchases smartly. More specifically, the core idea of being able to order stuff based on your preferred dish is something that no popular website/product offers.

Realness

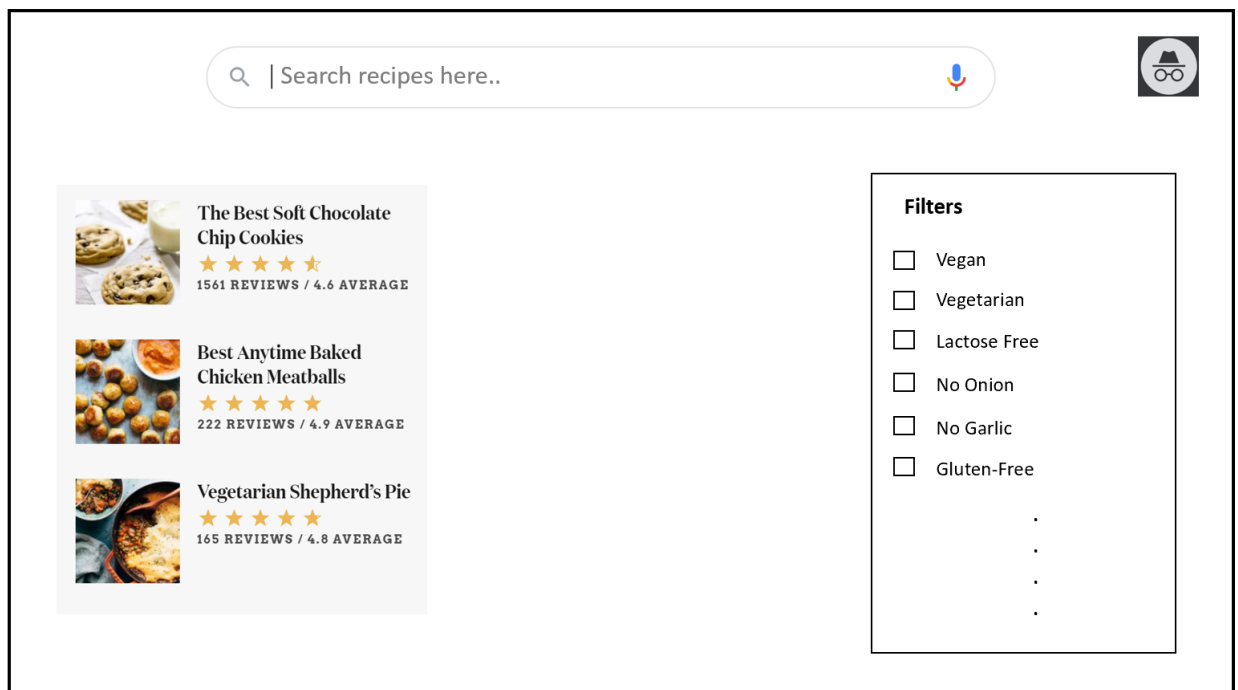
We plan on using datasets from Kaggle containing food recipes (over 160K) as our main data. This will be used in querying and adding items to the users' carts. We will also have data tables for the registered users, their past orders. Another data table we aim to populate is a ratings table which will be used to give recipes ratings - we will randomly generate data for this.

Functionality

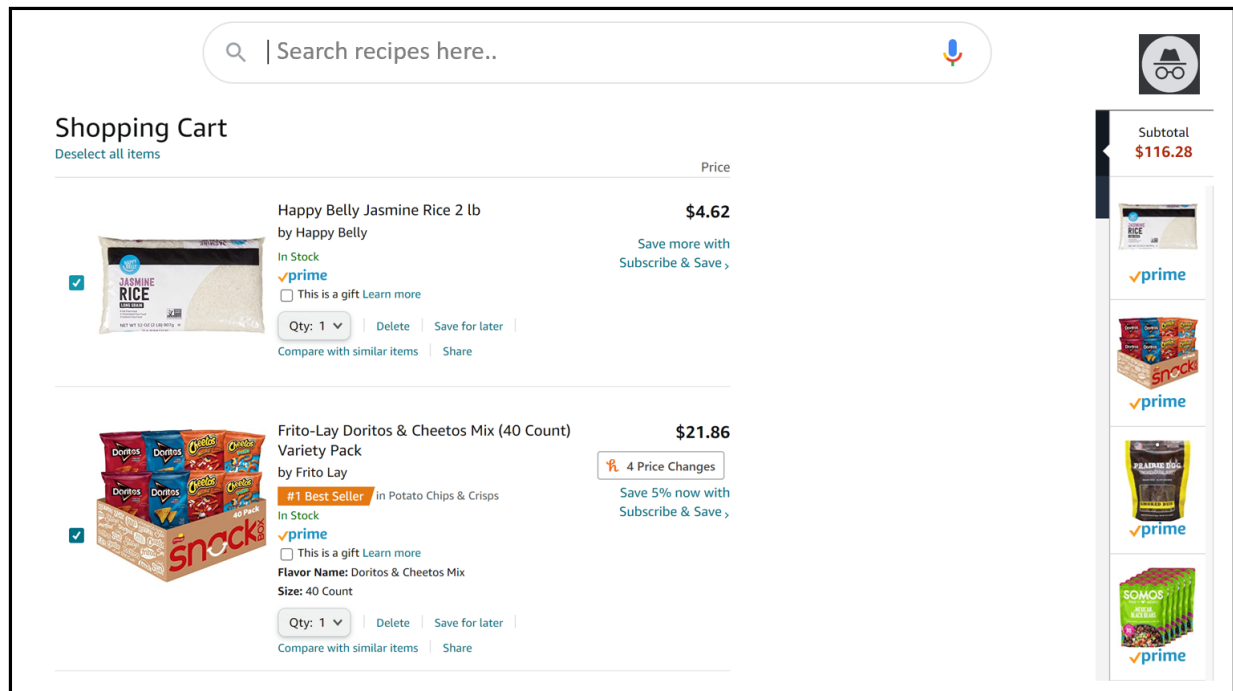
The website would look pretty similar to a standard shopping website - Users can search for recipes, see their past orders and alter their user information in the settings section of the app. Users can add recipes to their cart and checkout. We also will have an admin section where an authorized administrator can perform CRUD actions on recipes or users.

UI Mockup

1. User Landing Page -



2. Sample Cart -



Work Distribution :

- **Developing SQL Queries on database chosen** - Aaditya 25%, Nidhish 25%, Vaasay 25%, Vishal 25%
- **Front End Development** - Aaditya 40%, Nidhish 20%, Vaasay 20%, Vishal 20%
- **UI/UX Design** - 25% each
- **Integration of Front End with MySQL** - Aaditya 15%, Nidhish 30% , Vaasay 30%, Vishal 30%