




Trufflr

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Client

- Our clients are users targeted within the age range of 18 - 35 years of age.
 - Clients do not need to demonstrate cooking experience
 - To simulate a random population sample, our test users will exhibit various cooking skill ranging from no to moderate experience
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Client Meeting Schedule

- Friday, September 3rd, 2021
 - Bi-weekly meetings on Fridays
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Goal and Motivation

- Our goal is to design and develop an interactive web-based application that allows any user, regardless of experience, to truly shine in the kitchen. Users can find inspiration from suggested content, follow step-by-step guided cooking instructions, and express their own creations through public recipe posts.
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Approach

- **User Submitted Recipes**

Trufflr is a social media platform that allows users to share their own recipes with others! Post your recipes and Trufflr will create step-by-step interactive instructions for anyone to cook with. Find new recipes or create your own and expand your culinary repertoire!

- **User Catered Content**

Through Truffler's personally tailored suggestions, users will be able to quickly find recipes and tutorials for whatever occasion. Trufflr delivers recipes tailored for you to make cooking that special meal easy and painless. Can't decide what to make for dinner? Get inspired by Trufflr.






Approach cont.

- **Interactive Step-by-step Recipe Instructions**

Follow simple instructions through a step-by-step process to make your recipe come to life. Visualize techniques with simple animations, images, or hints. Make a pizza and get an alert when it's ready to come out of the oven. Misread a step? Freely navigate through the steps so you never get lost in the sauce.


- **Search based on food type, dietary, and allergy preferences**

Trufflr allows you to find recipes that suit your personal needs. Want to try out something different? Truffle gives you the ability to search a wide variety of recipes that will suit your specific dietary requirements. Whether you have allergies, dietary restrictions, or just prefer a specific type of food, everyone has a recipe.






Novel Features

- Interactive Step-by-step Guided Recipe Instructions
 - Liking & Favoriting user-created posts
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Technical Challenges

- Little experience with full-stack development.
 - Little experience with database creation and design.
 - No experience with creating recommendation system.
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Milestone 1

- Compare and select technical tools for Hosting Services, Databases (Relational, Object Oriented, Object Relational, NoSQL) and Database Management Systems
 - Provide small ("hello world") demo(s) to evaluate the tools for full stack development
 - Resolve technical challenges
 - Compare and select collaboration tools for software development, documents/presentations, communication, task calendar
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Milestone 2

- Conduct UI/UX testing based on user feedback for a conceptual interface redesign
 - Website Design Prototyping
 - Implement, test, and demo Individual Components of the system. (Database Population, Frontend Interactions, Simple recommendation algorithm)
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Milestone 3

- Create a website with the basic core functionalities
 - Client testing of the core functionality
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