

Project Report

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1.INTRODUCTION

1.1.Overview

The snack ordering project is a mobile application that allows users to order snacks from a variety of options and have them delivered to their doorstep. The app offers a user-friendly interface, easy ordering and payment processes, and efficient delivery services. The project aims to provide a convenient and innovative solution for satisfying snack cravings.

The app features a vast selection of snacks ranging from healthy options to indulgent treats. Users can browse through the menu, add items to their cart, and place an order with just a few taps. The app also offers a range of payment options, including credit/debit cards, digital wallets, and cash on delivery.

Once the order is placed, the app notifies the nearest delivery partner who picks up the order from the restaurant and delivers it to the user's location. The app also provides real-time updates on the status of the order, including estimated delivery time and tracking information.

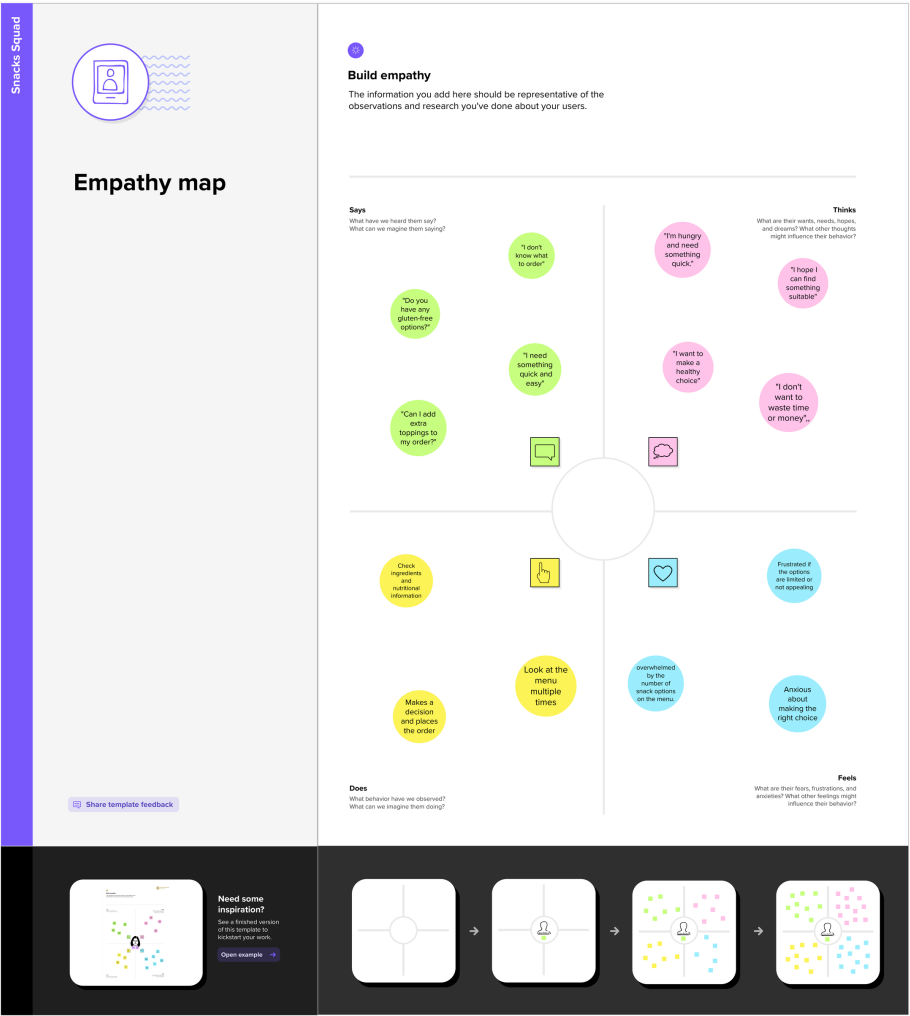
The snack ordering project has the potential to expand and grow in many ways, offering meal options, catering services, personalized recommendations, and more. The app's success depends on its ability to prioritize customer satisfaction and innovation while maintaining efficient delivery services. With its user-friendly interface and vast selection of snacks, the app has the potential to become a leading player in the snacks.

1.2.Purpose

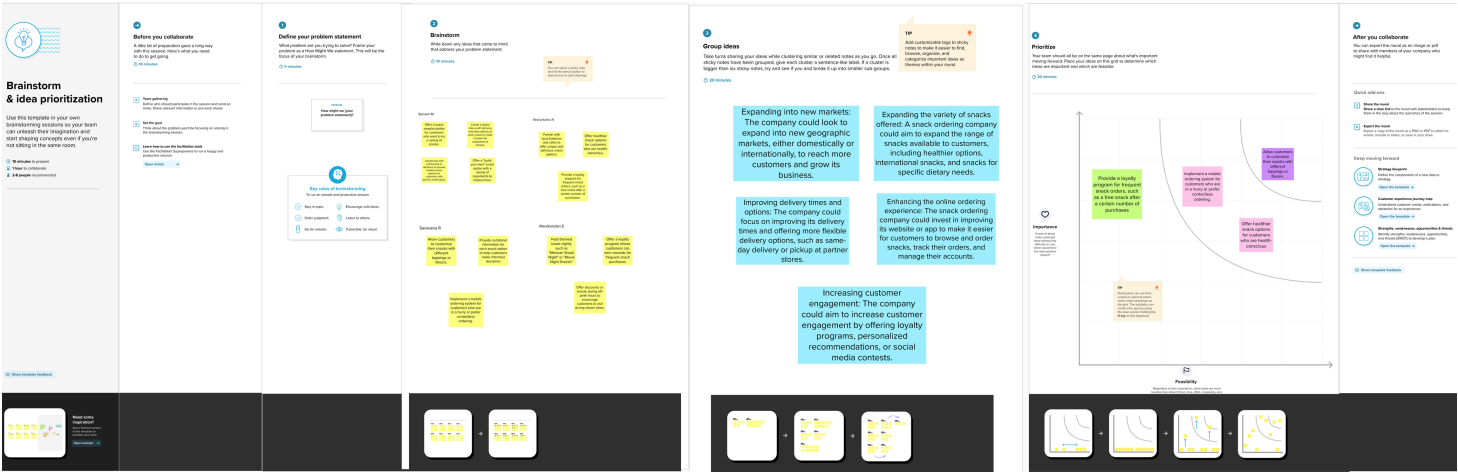
The purpose of snack ordering is to provide customers with a convenient and accessible way to purchase a variety of snacks from the comfort of their own homes or offices. This allows customers to save time and have a wider range of snack options to choose from. However, there are also potential disadvantages such as delivery issues, limited sensory experience, lack of personal touch, and higher costs.

2.Problem Definition &Design Thinking

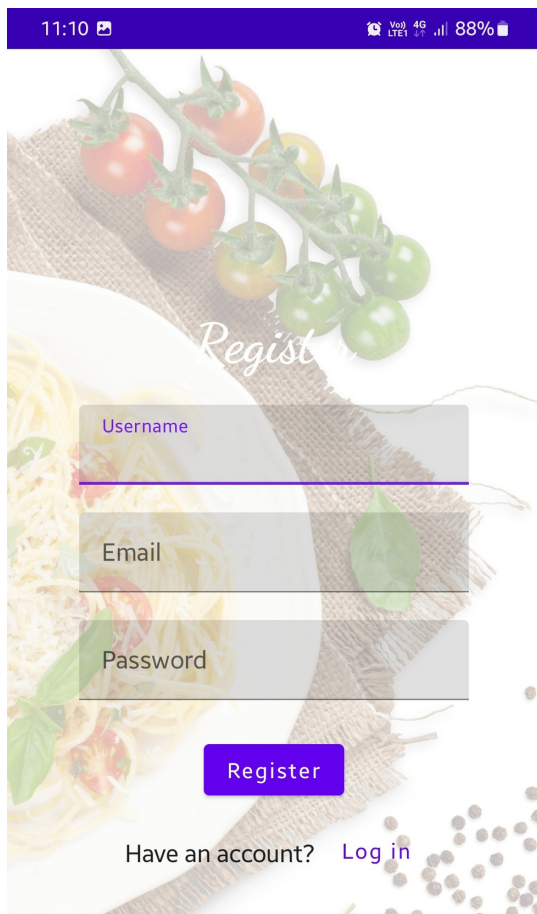
2.1.Empathy Map



2.2.Ideation&Brainstorming Map



Register Page



11:10

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Register

Username

Email

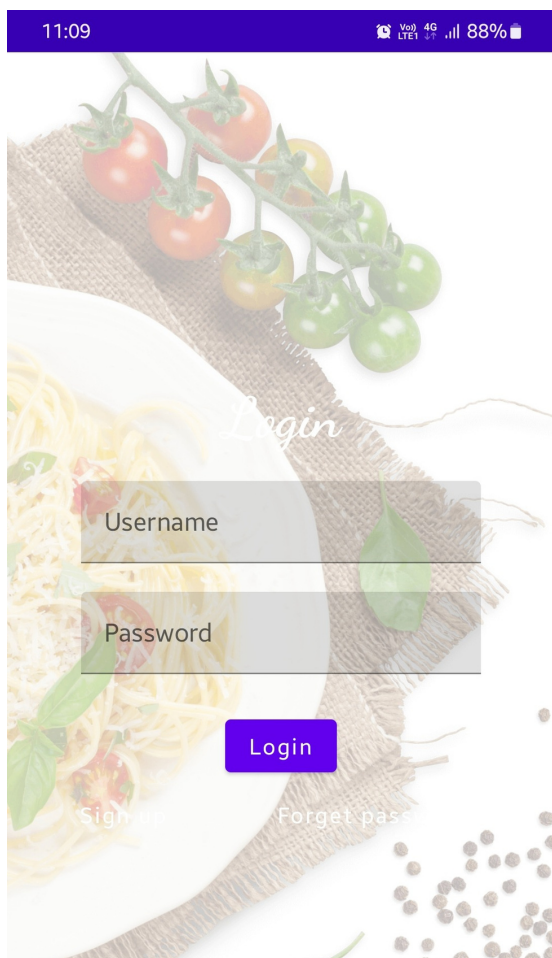
Password

Register

Have an account? [Log in](#)

The image shows a mobile app registration screen. It features a background of a plate of spaghetti with cherry tomatoes and basil. The word 'Register' is written in a cursive font. There are three input fields for 'Username', 'Email', and 'Password'. A purple 'Register' button is below the fields. At the bottom, there is a link 'Log in' for users who already have an account.

Login page



11:09

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Login

Username

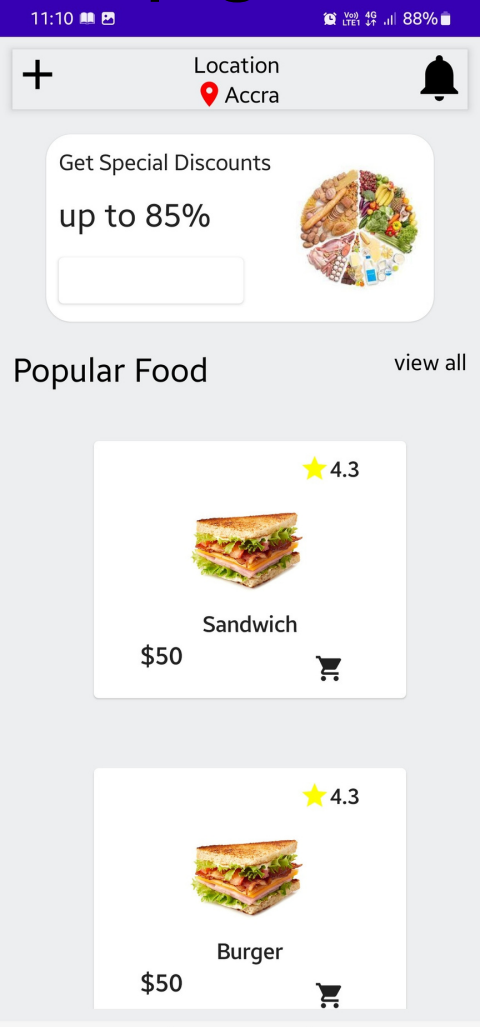
Password

Login

[Sign up](#) [Forget password](#)

The image shows a mobile app login screen. It features the same background of a plate of spaghetti with cherry tomatoes and basil. The word 'Login' is written in a cursive font. There are two input fields for 'Username' and 'Password'. A purple 'Login' button is below the fields. At the bottom, there are two links: 'Sign up' and 'Forget password'.

Home page



Order Page



Advantages

1. Convenience: Customers can easily order snacks from the comfort of their own homes or offices, without having to physically go to a store.
2. Variety: A snack ordering company can offer a wider range of snacks than a traditional brick-and-mortar store.
3. Accessibility: Customers with disabilities or mobility issues can easily order snacks without having to leave their homes.
4. Time-saving: Ordering snacks online can save customers time, as they don't have to spend time travelling to a store and waiting in line.

Disadvantages

1. Delivery issues: There may be delays in delivery or issues with the quality of snacks upon delivery.
2. Limited sensory experience: Customers may not be able to see, smell, or taste the snacks before ordering, which could lead to disappointment if the snacks don't meet their expectations.
3. Lack of personal touch: Customers may miss the personal interaction and recommendations they would receive from an in-person shopping experience.
4. Higher costs: Ordering snacks online may come with additional fees for delivery or packaging, making it more expensive than buying snacks in-store.

Application

1. For satisfying hunger: Protein bars, trail mix, popcorn, fruit cups, veggie sticks with hummus, or energy balls.
2. For satisfying cravings: Chips and salsa, chocolate-covered pretzels, cookies, candy bars, ice cream, or cheese and crackers.
3. For providing energy during work or exercise: Granola bars, bananas, apples with peanut butter, protein shakes, or rice cakes with almond butter.
4. For socializing with friends or colleagues: Chips and dip, charcuterie boards, cheese plates, mini sandwiches, or fruit skewers.
5. For celebrating special occasions: Cupcakes, brownies, cake pops, champagne and strawberries, or gourmet chocolates.
6. For simply enjoying a treat: Popcorn with flavored seasoning, chocolate-covered nuts, gummy bears, flavored popcorn, or macarons.

These are just a few examples of snack options that can be ordered for different purposes. The choice ultimately depends on personal preferences and dietary restrictions.

Conclusion

In conclusion, the snack ordering app is a convenient and innovative solution for satisfying snack cravings. It offers a wide range of snack options, easy ordering and payment processes, and efficient delivery services. The app has the potential to expand and grow in many ways, offering meal options, catering services, personalized recommendations, and more. As the app continues to prioritize customer satisfaction and innovation, it has the potential to become a leading player in the snack delivery industry.

Future Scope

In the future, the snack ordering app could expand to offer meal options, catering services, and even subscription boxes for regular snack deliveries. The app could also incorporate personalized recommendations based on a user's previous orders and preferences. Additionally, the app could integrate with fitness tracking apps to offer snack options that align with a user's fitness goals. As the app grows, it could expand to new cities and countries, partnering with local businesses to offer unique and diverse snack options. Overall, the possibilities for growth and expansion are

Appendix

Source code

/app/* - https://github.com/Selvam20/Snack_Ordering/tree/main/SnackOrdering-main/app

/gradle/wrapper - https://github.com/Selvam20/Snack_Ordering/tree/main/SnackOrdering-main/gradle/wrapper

build.gradle - https://github.com/Selvam20/Snack_Ordering/tree/main/SnackOrdering-main/gradle/wrapper

gradle.properties - https://github.com/Selvam20/Snack_Ordering/blob/main/SnackOrdering-main/gradle.properties

gradlew - https://github.com/Selvam20/Snack_Ordering/tree/main/SnackOrdering-main/gradlew

gradlew.bat - https://github.com/Selvam20/Snack_Ordering/tree/main/SnackOrdering-main/gradlew.bat

settings.gradle - https://github.com/Selvam20/Snack_Ordering/tree/main/SnackOrdering-main/settings.gradle

