

**SNACK ORDER APP: A CUSTOMIZABLE SNACK
ORDERING AND DELIVERY APP**

Prepared For

Smart-Internz Artificial Intelligence Guided project

Submitted by

Prathmesh Ravindra Kudalkar

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TABLE OF CONTENTS

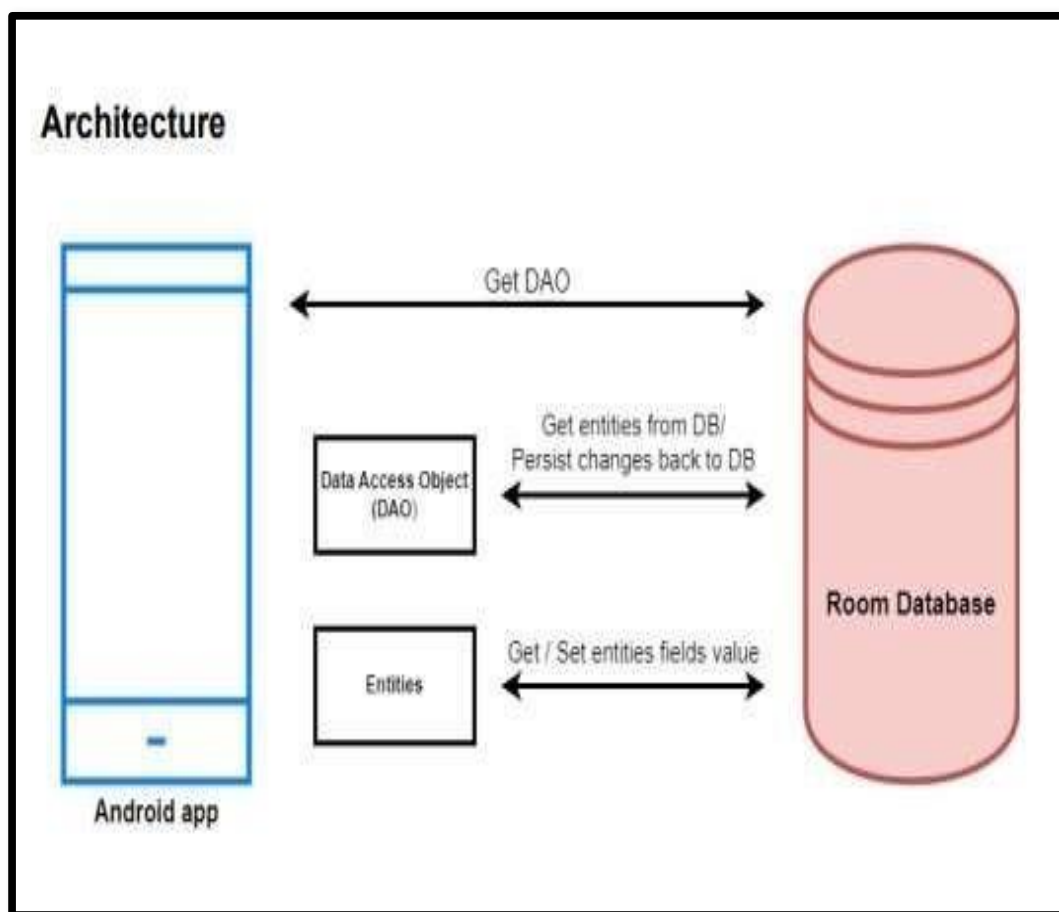
Chapter No.	Title	Page No.
I	INTRODUCTION	
	1.1 OVERVIEW	1
	1.2 PURPOSE	3
II	PROBLEM DEFINITION & DESIGN THINKING	
	2.1 EMPATHY MAP	4
	2.2 IDEATION & BRAINSTORMING MAP	5
III	RESULT	6
IV	ADANTAGES & DISADANTAGES	11
V	APPLICATIONS	13
VI	CONCLUSION	14
VII	FUTURE SCOPE	14

CHAPTER - I

INTRODUCTION

1.1. OVERVIEW

A project that demonstrates the use of Android Jetpack Compose to build a UI for a snack squad app. Snack Squad is a sample project built using the Android Compose UI toolkit. It demonstrates how to create a simple e-commerce app for snacks using the Compose libraries.



- The goal of this project is to create an application to present available menu items for all campus locations in a unified manner. This will be done by allowing vendors to establish menus and daily specials for users to sort through.
- Online food/snack ordering is the process of ordering food and snacks, for delivery or pickup, from a website or other application.
- The product can be either ready to-eat food (e.g., direct from a home-kitchen, restaurant, or a virtual restaurant) or food that has not been specially prepared for direct consumption (e.g., vegetables direct from a farm/garden, fruits, frozen meats. etc). Online food ordering/delivery through third-party companies have emerged as a global industry, leading to a "delivery revolution". From 2018 to 2021, global revenues for the online food delivery sector rose from \$90 billion to \$294 billion.
- A snack ordering app is a mobile application that allows users to browse and order a variety of snacks, drinks, and other food items from a menu. Users can create an account, log in, and select their desired items from the menu. They can then add the items to their cart and proceed to checkout. Payment can be made through the app using a secure payment gateway, and users can track the status of their order and estimated delivery time.

1.2. PURPOSE

The user can see a list of snacks, and by tapping on a snack, and by tapping on the "Add to Cart" button, the snack will be added to the cart. The user can also see the list of items in the cart and can proceed to checkout to make the purchase.

By end of this project:

- You'll be able to work on Android studio and build an app.
- You'll be able to integrate the database accordingly.

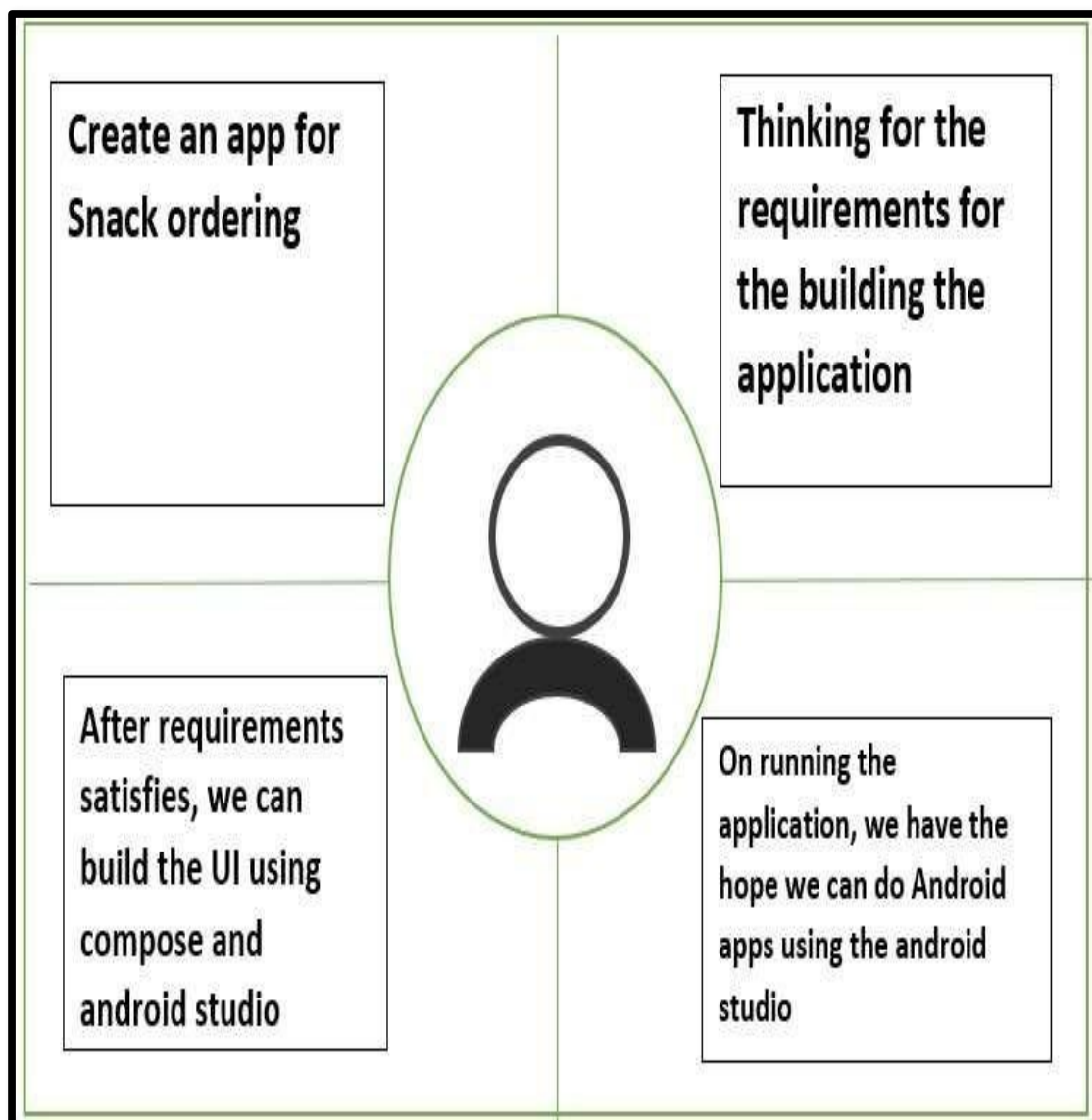
This app provides users with a simple ordering functionality. Thus, while you plan your on-demand delivery app, make sure you cross-check your app's check-out features. As you are planning for a food apps development, you can implement a feature "favourite list" where users can personalize their search and can find or reorder the items just in a tap, rather than roaming through the menu. The SNACK SQUAD App are offering you a snack that are perfect to eat with your favourite squad.

The snacks ordering app also benefits businesses by allowing them to reach a wider audience and increase their revenue by offering online ordering and delivery services. The app can help businesses streamline their operations by reducing the time and resources required to process orders and manage inventory.

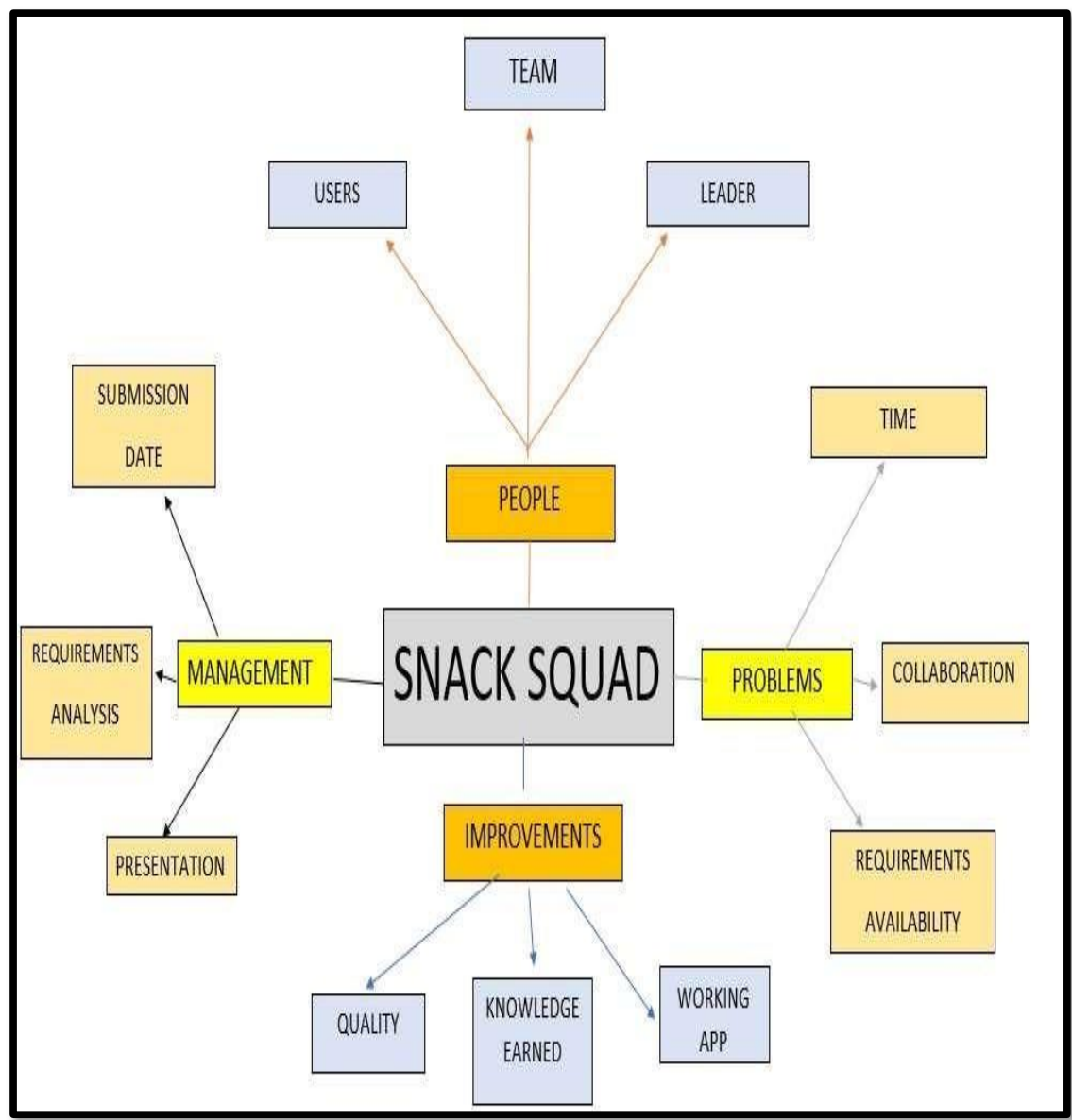
CHAPTER - II

PROBLEM DEFINITION & DESIGN THINKING

2.1. EMPATHY MAP



2.2. IDEATION & BRAINSTORMIN MAP



CHAPTER – III

RESULT

REGISTER PAGE

- Users register into the application.

The image shows a mobile application's registration page. At the top, there is a purple status bar with the time 12:44, a timer at 00:05, and signal/battery icons. The background of the app is a light pink color with a faint illustration of a person and various fruits. The registration form is a white card in the center. It has the title 'Register' in bold black text. Below the title are three input fields: 'Username', 'Email', and 'Password'. Each field has a small blue dot on the left side. Below the input fields is a purple button with the text 'Register' in white. Under the button, there is a link that says 'Already have an account?'. At the bottom of the card, it says 'Designed by Prathmesh Kudalkar'.

12:44 00:05 89%

Register

Username

Email

Password

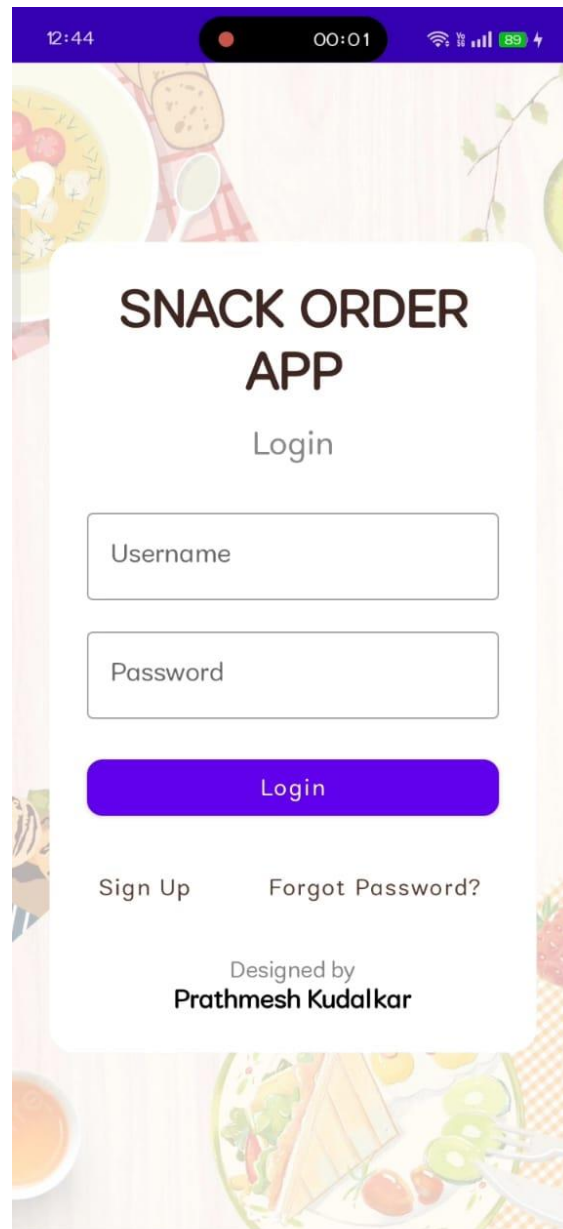
Register

Already have an account?

Designed by
Prathmesh Kudalkar

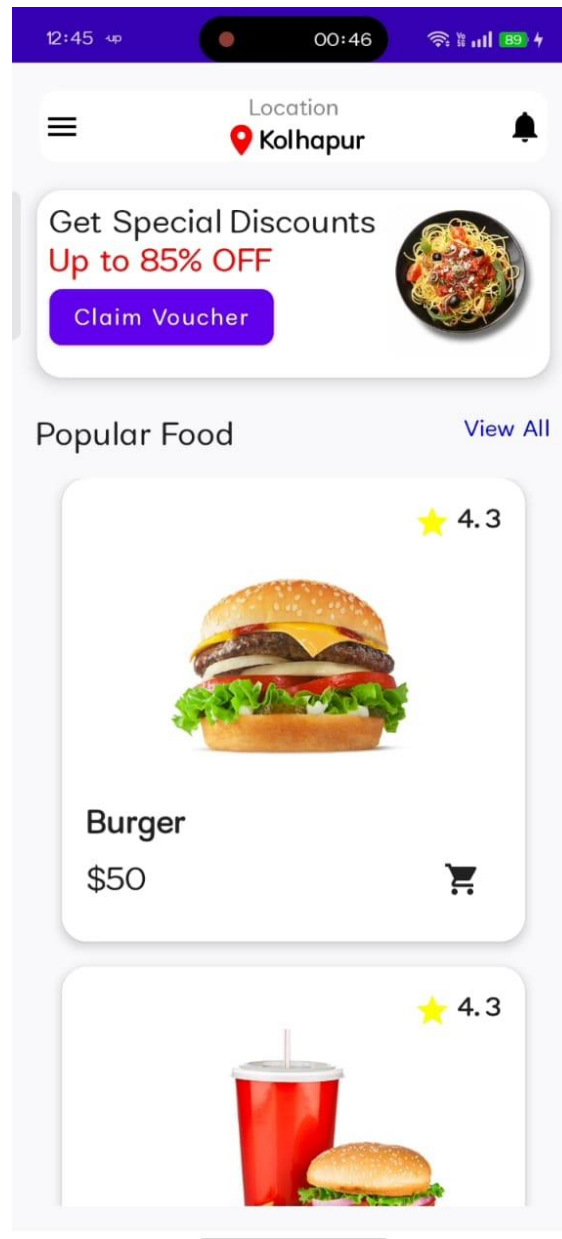
LOGIN PAGE

- After registration , user logs into the application.



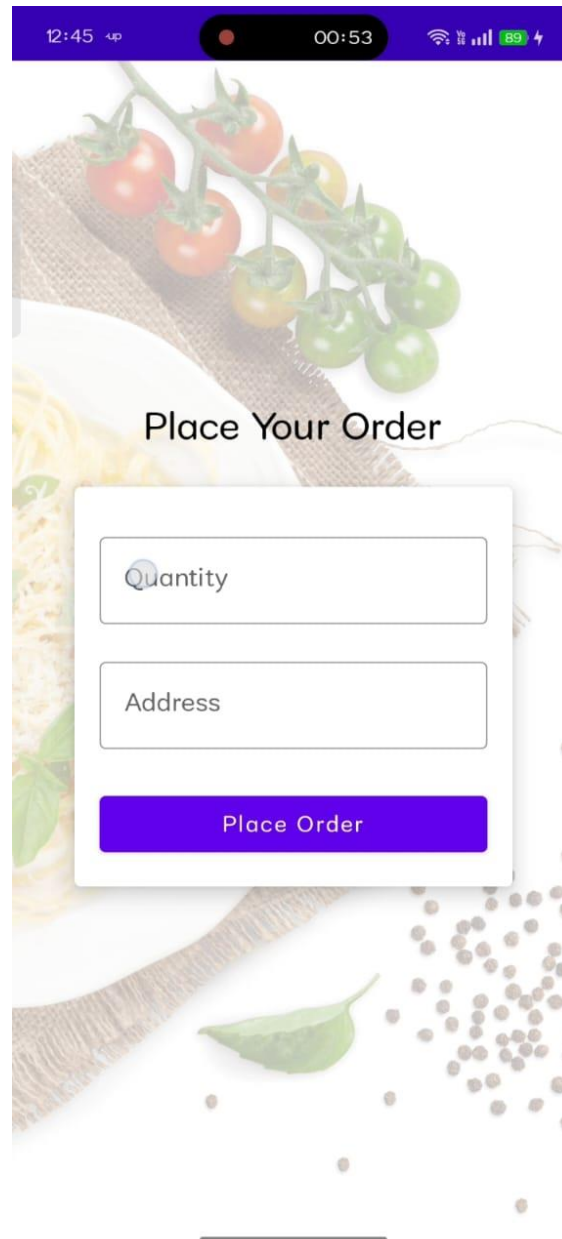
MAIN PAGE

- User enters into the main page



ORDER PAGE

- User can view the items, select and order the items.

A screenshot of a mobile application's order page. The background features a blurred image of fresh ingredients: cherry tomatoes on a vine, a bowl of spaghetti, and a green leaf. A white modal form is centered on the screen, containing two input fields and a button. The top status bar is purple with white text showing the time as 12:45, a battery icon, and a timer at 00:53. The signal strength and battery level (89%) are also visible.

12:45 4G 00:53 89%

Place Your Order

Quantity

Address

Place Order

CHAPTER - IV

ADVANTAGES & DISADVANTAGES

ADVANTAGES

- Running an online food and snack ordering system adds flexibility to the business, which will ultimately increase sales and profits.
- Easy, fast, and comfortable:
 - In short, your customers choose to order food online because it is really at their fingertips.
 - So, using the online food ordering system is the easiest way to attract millennials.
- Health benefits:
 - One of the important benefits of food ordering systems is health benefits. Because the meal is planned, it is easy to determine the exact number of calories consumed in each meal.
- More customers:
 - As the new life progresses with technologies, online orders and payments are expected to be accepted.
 - If your payment and menu method is hassle free, your regular customers will recommend you to their friends and will share on social media about your restaurant.
- Highly customizable:
 - Food and Snack ordering apps are highly customizable so you can easily advertise your logo, brand colours, or other features that make your business unique.
 - Snack applications can have several advantages such as providing a boost of energy if several hours pass between meals and blood glucose levels drop, helping curb your appetite to prevent overeating at the next meal, providing extra nutrients when

choosing certain snacks like fresh fruit or nuts, and can help maintain adequate nutrition if one has a busy schedule .

- Snacks can also be beneficial in a diet by increasing nutrient intake, sustaining energy levels, helping the body recover from exercise and giving individuals plenty of healthy options.

DISADVANTAGES

- While there are many advantages to the online food ordering system, there are also some disadvantages to online Snack ordering systems. They are
- Price:
 - One of the major drawbacks of online food ordering systems is price.
 - When food is ordered for more than one person, the cost is usually equal to eating at a good restaurant every night.
- Limited menu:
 - Another disadvantage for food and snack ordering systems is menu choices.
 - Most food ordering systems have a limited number of meals.
- There are several disadvantages of snacking that you should be aware of. One of the most common disadvantages is that snacking can lead to unwanted weight gain if portions or frequency of snacking is too much, adding excess calories. Too much snacking can reduce hunger at meal times or cause one to skip a meal entirely, which increases the risk of nutrient deficiencies .

CHAPTER - V

APPLICATIONS

- Anyone with a smartphone can order food online from their favourite restaurant.
- More than 97% of millennials use their phones for anything. Ordering food online comes into the same broad category.
- If you give customers a reason to come back, they will choose your store over your competitor. You can promote their loyalty through the loyalty program.
- According to a recent study, a personalized digital experience is also a great way to encourage customers to come back.
- According to a recent survey out of the 1000 customers, 50% said they change brands that offer a worse online experience, and 73% expect online customization.
- Furthermore, the rising export of various Indian snacks to western countries, along with the increasing popularity of various fusion snacks that have a blend of Indian and western spices, is bolstering the market growth in India.
- It is used in some institutions and family functions to deliver the bulk orders on time.
- Also gets the food in all cities and villages without any partiality.
- Online food ordering gives the customers freedom and choice to place an order to virtually anytime, everywhere, saving the time and resources typically spend on travelling to pick up a meal.
- It also gives the customers the advantage of reordering the favourite order in the easiest and hassle-free manner.

CHAPTER - VI

CONCLUSION

An Online Snack ordering system gives start-up snack restaurants complete control over their services. You won't have to pay any charges or commission on any orders, increasing your profit margins. In addition, the analytics dashboards equip you with the valuable insights you need to enhance your services. Also, with a snack menu online, tracking the order is done easily, it maintains customer's database and improve food delivery service.

CHAPTER - VII

FUTURE SCOPE

At present, the increasing demand for snacks, as they are convenient and flavourful, represents one of the primary factors influencing the market positively in India.

- Besides this, the rising popularity of various convenient food products among working individuals, as they save time and do not require the hassle of cooking, is propelling the growth of the market.
- In addition, the growing consumption of various snacks with ethnic tastes is offering a favourable market outlook in the country.
- Apart from this, the increasing number of e-commerce brands and distribution channels selling low-calorie, sugar-free, preservative-free, and gluten-free snacks with interesting flavour's is contributing to the growth of the market.



APP WORKING DEMO

DRIVE LINK -

<https://drive.google.com/file/d/1eWr6G4fiJlsIHtPmXsZDc0Y8zivhJ0TJ/view?usp=sharing>

&

SOURCE CODE - <https://github.com/prathmesh-0910/SNACK-ORDER-APP.git>

THANK YOU