



An-Najah National Engineering University  
Faculty of Engineering and Information Technology  
Computer Engineering

Software Graduation Project

Lunch Time

Supervisor : Dr.Sufyan Samarh

Project authored by : Rafeef Hamdan

Presented in partial fulfilment of the requirements for Bachelor degree in Computer Engineering

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## **ABSTRACT:**

Lunch time It is an application that receives requests from customers, where customers can get many food options from various restaurants. We will use it currently in the city of Nablus, but it will be developed in the future for use inside and outside Palestine. The application contains many characteristics. This application will be linked with a web page also to be opened in all ways. And will be in Arabic because it will be used in Palestine now, there will be a profile file for each customer to know his personal information from the name, address, credit card. Also, profile of each restaurant so that the owner of Adding a list of meals provided as well as prices and discounts as well as viewing requests and a page for the website administrator to add and modify all the contents of the system. It's given the ability for users to add comments.. This application saves the customer time and gives him many options to order different types of foods and from different places

## **INTRODUCTION:**

Technology has grown increasingly vital in supporting humans in doing specialised duties as modernization has progressed. Most people nowadays rely on cell phones for a number of reasons. Smartphones that come preloaded with a variety of mobile apps that are handy in everyday life. Apps have simplified several tasks for customers. We can't deny that individuals nowadays lead stressful lifestyles. Every other person picked the shortest way to finish a task, and one of them is that they choose to order dinner online rather than cook at home. Online Meals Ordering is the process of ordering food without having to travel to a restaurant, which is especially important now that the COVID-19 epidemic is limiting our outside activities.

In accordance with this, we developed a graduate project titled "Lunch Time." This is a meal ordering app that makes it easier and more convenient to order food. This project will make it easier for consumers to order meals from their favourite eateries. The program is simple to use and will allow users to choose their orders, configure them according to their preferences, and check out. The concept will eliminate the need for people to go to local eateries to get food. The application's intended users are restaurant food businesses and their customers.

It is evident that information technology is currently driving the globe. Everything comes with technology, which has become the contemporary age's facilitator. The Graduate project, entitled "Lunch Time App" is another creative clever method to make ordering food easier and more convenient. The software will be downloaded, installed, and used to order food by users. When the app is launched, it will display a selection of restaurants from which customers may select the meal they wish to order. In terms of restaurant selection, menu selection, order customization, and payment, the app is simple to use. It is a simple and helpful program for a wide range of users.

Food delivery has increased as Corona Virus Disease continues to limit people's contacts outside. The epidemic has caused the closing of eateries due to limits on physical connections between persons to reduce the transmission of the virus. Since the outbreak, food firms, particularly restaurants, have wanted to continue operating and provide delectable dishes to people's stomachs. Before the epidemic, several establishments had already resisted utilising and adapting to internet platforms. Even before the epidemic, many preferred ordering meals online to avoid the hassle of cooking and the time and effort spent dining or making orders in restaurants. There is an obvious need for an application that is dependable, simple to use, and accessible to everybody.

### **EXPERIMENTS:**

The Lunch Time App was created with Flutter, an Android application development platform. The app is a platform that allows users to examine a list of local restaurants, the dishes they provide, and make a food order. The project is an eCommerce platform created exclusively for food restaurant enterprises. The initiative will have a substantial influence on both the eateries and their consumers. The app will supplement the restaurants' marketing approach, contributing to the company's success. Customers, on the other hand, can quickly and conveniently.

The success of the project is beneficial to customers and restaurant owners, for the Customers. The program is simple to use, allowing them to quickly choose and order meals from their favourite neighbouring eateries. The app is simple, allowing them to simply and comfortably complete their meal orders at their leisure. and for the Restaurants owners. The application will broaden their marketing platform and considerably boost sales and income. The meal ordering app will expand their consumer base while also increasing their efficiency in resolving several food requests each day.

A FLUTTER was used for the development of the program and we also used SQL MY ADMIN to use the data dynamically

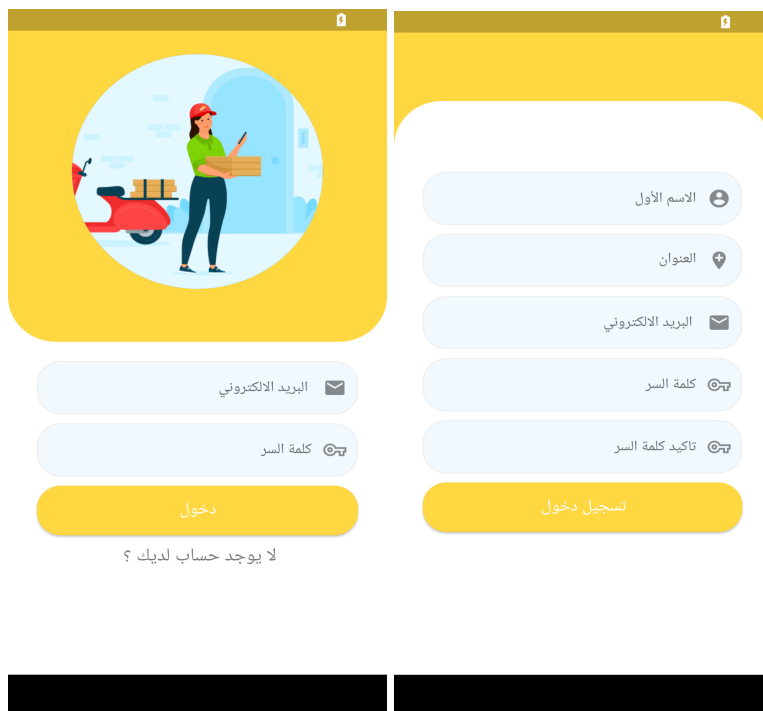
## METHODOLOGY:

The Lunch Time APP contains many features and functions, and here we will show each page what is in it :

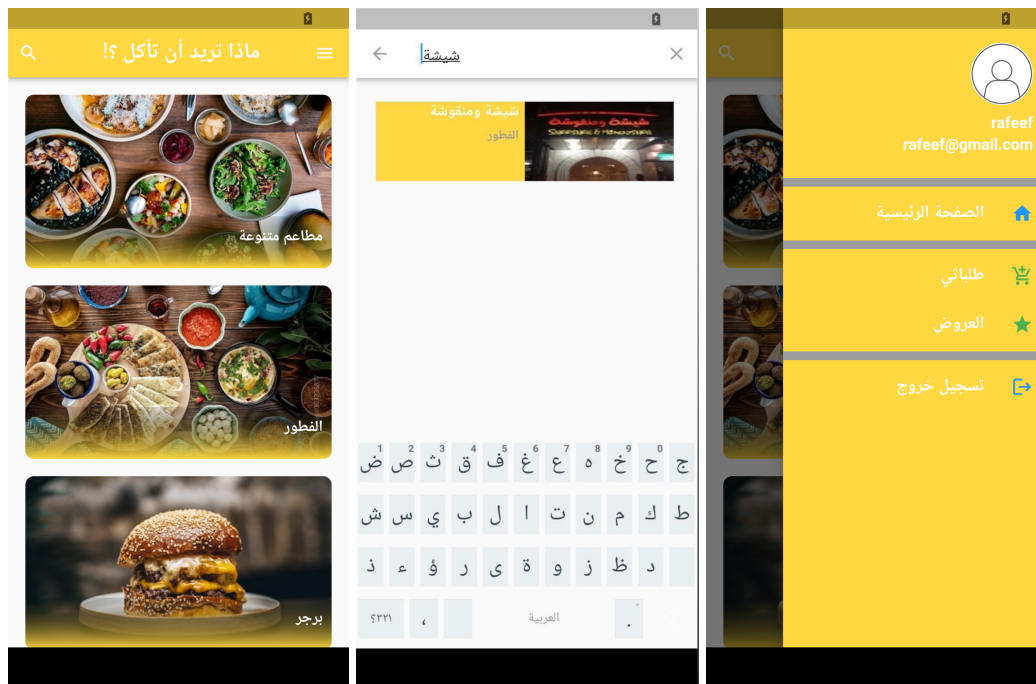
Splash screen : This is the start screen, which appears when you click on the application and contains a logo and the name of the application.



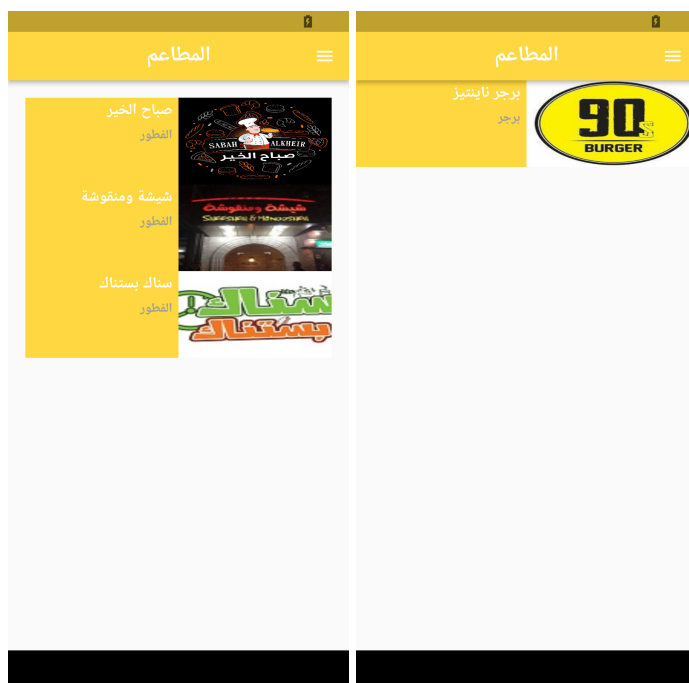
Login & SingUp Page: On this page, users are logged in, where they enter their personal information and this information is saved in the Database .



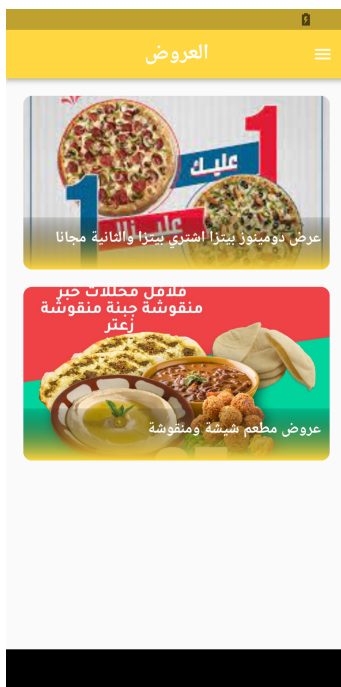
Main screen : This page comprises all of the restaurant sections, such as breakfast eateries, burgers, pizza, and so on. It also contains a restaurant search function and a drawer from which we can select the pages we wish to visit, as well as user information.



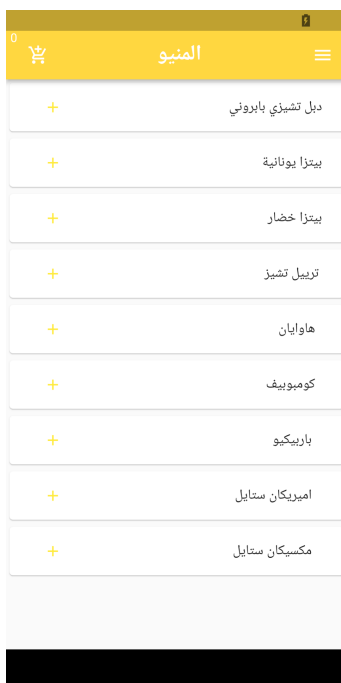
Restaurants page : Customers can view a list of restaurants and the list of information about the Restaurant is stored in database we get the data dynamically



Offers page: This page is where offers from the restaurant on the application are published



Menu page : On this page there are all the meals in the restaurants and the price of each one. When you click on the add icon, you will add the meal to the cart. The provider was used to get the meals from menu and get it to the card



Cart page : On this page, all the meals chosen by the user are added, where he can delete or add any meal



## CONCLUSION :

At this time, the internet is being used a lot as the number of online food orders increased after the Corona pandemic, and that's why we made this application using flutter to match the goals and requirements of users where it is easier for them to time and effort

In the future, we will add some features to the application, such as using the location, enabling the user to add a review of each meal and restaurant, and adding pictures and comments.

## ACKNOWLEDGEMENTS:

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