

DailyDish

Final Year Project Proposal

Session 2017-2021

A 4th Year Student

A project submitted in partial fulfilment of the
COMSATS University Degree
of
BSc. (Hons.)BS in Computer Science (CUI)



Department of Computer Science
COMSATS University Islamabad, Lahore Campus

05 February 2020

Project Registration

Project ID (for office use)						
Type (Nature of project)		[✓] Development [] Research [] R&D				
Area of specialization		Web Based Cross Platform Application.				
Project Group Members						
Sr. #	Reg. #	Student Name	CGPA	Email ID	Phone #	Signature
(i)	SP17-BCS-142	Saad Ahmed	3.08	saad.ahmed2696@gmail.com	0313-8398820	
(ii)	SP17-BCS-159	Umar Anwaar	2.39	umaranwaar7@gmail.com	0334-6556222	
Name & Signature of Batch Advisor (If students are eligible for FYP)			Zaheer Ahmad Gondal			

Plagiarism Free Certificate

This is to certify that, I am **Saad Ahmed** S/o **Waseem Ahmad**, group leader of FYP under registration no CIIT/SP17-BCS-142/LHR at Computer Science Department, COMSATS Institute of Information Technology, Lahore. I declare that my FYP proposal is checked by my supervisor and the similarity index is **1%** that is less than 20%, an acceptable limit by HEC. Report is attached herewith as Appendix A.

Date: **10/02/2020** Name of Group Leader: **Saad Ahmed** Signature: _____

Name of Supervisor: Mr **Abdul Qayyum** Co-Supervisor : Mr **Muhammad Shahid Bhatti**

Designation: Lecturer, Computer Science Designation: Assistant Professor, Computer Science

Signature: _____ Signature: _____

Approval of FYP Management Committee

Committee Member 1: Name: _____

☐ Accept ☐ *Defer ☐ *Reject

Signature: _____

*Remarks: _____

Committee Member 2: Name: _____

☐ Accept ☐ *Defer ☐ *Reject

Signature: _____

*Remarks: _____

Convener: Name: _____

☐ Accept ☐ *Defer ☐ *Reject Signature: _____

*Remarks: _____

Project Abstract:

Smartphones have become the need of everybody in this modern era. There are tons of Android and IOS apps facilitating humans in enormous ways. We are developing Android and IOS App that would help the non-residential citizens have affordable access to fresh, home-cooked food at their door steps. Dozens of people migrate to cities from villages and small cities for higher studies or doing jobs who do not have access to affordable and hygienic food. Our app would enable them to have convenient access to nutritious homemade food. Moreover this application will create self-employment among people, especially women who can create a sustainable business from their very own Kitchen.

Introduction:

Healthy and nutritious food is essential for human beings to perform optimal in their respective fields. Our Application is focused upon delivering healthy, full of vital nutrients and yet delicious food to the people who don't have access to home cooked food.

For many centuries people have migrated from their home towns and villages to cities for better opportunities. One of the major problems settling as a bachelor or as a Student in urban life is access to clean and healthy food. The Application we are designing will let our users order food directly from home based kitchens.

Anyone who wants to work from their very own kitchen can sign up to the application with a few simple steps by providing a few credentials. This will enhance self-employment among people such as women, who prefer to work from their own kitchen and can earn reputable income. This application will also provide a favorable comfort zone to handicapped or physically challenged vendors to run business from their home.

From a consumer point of view this application will provide psychological satisfaction of consuming clean and healthy food every day without any hassle. This will lead towards a healthy lifestyle as well as the capability of the individual will also rise ultimately.

This application will open opportunities for individuals who own a bike or any vehicle. They can deliver food from the kitchen to the customer and earn a reasonable amount of money.

Motivation and Scope:

This product will open opportunities for household women or men to earn money by using their passion and talent in their own kitchen. With the moto “**Mera Kitchen Mera Restaurant**”

This product will be useful for both the customer and the chef. The customer will get hygienic food of his choice at lower prices than the market and the chef can work from their home and earn money and allows them to work whenever they want without any restrictions.

The scope of the project is vast but simple. The customer will be notified about the nearest chef i.e., within a 5km or 10km radius. Application will also provide the user to view all the restaurants if they are not satisfied with the recommended kitchen options. The chef will be rated on their cooking and representation skills by the customers.

The Food Delivery system will provide employment opportunities to the people who are delivering food from the kitchen to the customer. This delivery job can result in a part time job or can lead to a full time source of income for the delivery mediator.

Related Work:

Recently the trend of ordering favorite meals through application has rapidly increased. Many famous applications have emerged on the market to deliver food at your doorstep. Following are some of the famous food delivery applications that promise to deliver your meal.

1. FoodPanda:

FoodPanda [1] is a mobile delivery application available in 12 countries, mostly operational in Asia Pacific. Headquarters located in Berlin Germany, application allows users to connect between the users and the restaurant around, who affiliate their services through this application. Recently FoodPanda has extended their services and Pakistan and introduced their own riders to deliver food.

2. Cheetay:

Initially started as a door to door delivery services has now turned into the market of food delivery services. With the recent overhaul of their android and iOS application cheetay.pk has added many restaurants to their application, working on similar architecture such as FoodPanda, this application has gained popularity among many people. **Cheetay** [2] recently introduced the 'Tiffin' section to their website and application which allows users to order home-like food on a one time or monthly basis.

3. EatOye!:

EatOye! [3] based in Karachi back in 2012, was one of the pioneer to introduce food ordering culture to Pakistanis. Being released in early days of this market EatOye gained hype among youngster and later on German food Ordering giant FoodPanda acquired EatOye! And later on rebranded it FoodPanda.pk.

4. Eat Mubarak:

Initially Started as with a mission of making food ordering system Digitalize in Pakistan gradually becomes one of the most top rated food delivering applications in Pakistan. Currently operational in Karachi, Lahore, Hyderabad, Faisalabad and Islamabad allows users to locate restaurants near you and deliver food at your doorstep. **Eat Mubarak** [4] offers a variety of restaurants near you in a specific radius of your location.

5. FikiFoo-Local Food:

Fikifoo [5] is an online delivery food chain with a rating of 4.5 on the app store. It finds online restaurants near the user and shows them some good deals for them and delivers customer's orders to their doorstep.

This fikifoo app is way under rated because of their user interface and lack of marketing. Beside these reasons foodPanda is doing this work very efficiently. So there is no need to do what is already happening. So we introduced the app for home kitchens rather than restaurants.

6. McDelivery:

McDelivery [6] is one of the most used food ordering applications backed up by multinational food chain McDonald's. Recently McDonalds have broken the record of delivering most orders in the current year. This indicates the rise in use of food delivery applications in Pakistan.

7. TossDown:

Toss Down [7] is a food delivery system working in Lahore, Karachi and Islamabad. This system is also working in Canada. This app shows all nearby restaurants with good deals and discounts with user's rating about every restaurant. This app is somehow related to our project "DailyDish". It will also give relevant reviews to the users and rating of chefs.

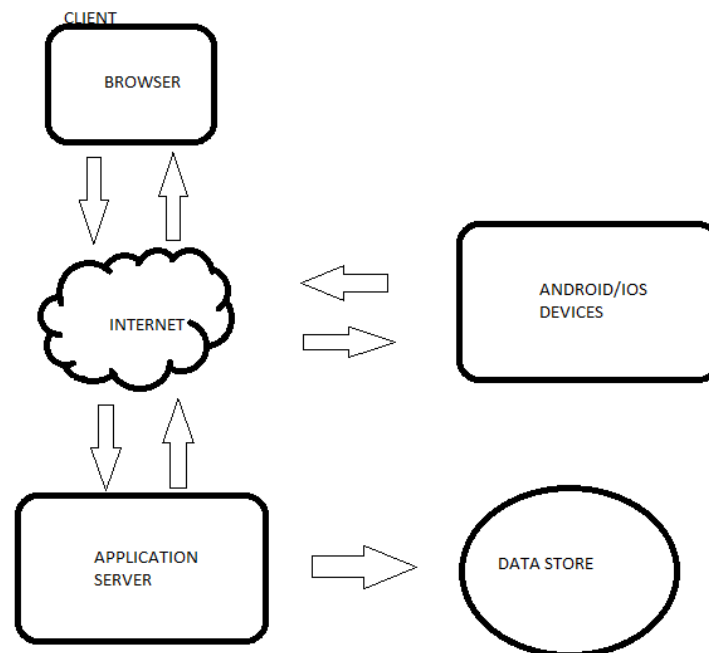
8. Super Meal:

Super meal [8] is a food delivery service for main cities across Pakistan and it provides a website which gives different categories of foods. which makes it easy to choose between food types i.e, Chinese, Italian food. This app gives super meal credits for users and suggests good deals for better experience.

9. Peekaboo Guru:

Peekaboo Guru [9] delivers food as well as clothing and fashion needs of the user in Pakistan. It provides exclusive offers of food and vouchers for customers. It provides restaurant's foods and delivers it to the destination.

System Architecture (optional)



The system architecture represents the flow of the system and how it works in the backend. It shows that the user or client side and server side working. Clients will access the app via the internet and data stores to the database where all the user's data will be stored for future purposes. Every user will have its own user id which differentiate them and help them to use the app with an identity for future use.

Goals and Objectives:

DailyDish will not be just an ordinary application which connects restaurants and its customers but will also address everyday problems of struggling individuals for clean, healthy and sustainable nutritious food. Moreover, the application will focus upon to provide business opportunities for house holding women which can turn their cooking skills into a profitable business venture.

DailyDish will allow home based kitchens to sign up and set up a kitchen-restaurant on our application. Users within 5km of radius would be notified about the new kitchens added around their area. Users can order meals one time or can get weekly or monthly subscriptions according to the variety of menu provided by the kitchen.

Application focuses upon to provide benefit to both parties e.g. Application users as well as the vendors which will join the Daily Dish family gradually. Our application aims to provide clean homemade food to the person who wants to enjoy a delicious meal during or after his/her

hectic routine. Moreover, applications provide the ability to turn your kitchen into a business hub which can lead to endless opportunities in future.

Individual Tasks

Table 1: Division of work of the project.

Saad Ahmed	Umar Anwaar
UI/UX Design	Research Work
API/ Backend Development	Backend Development / Front-end design
Testing	Final Touches/ Optimization

Gantt Chart

Table 2: A Gantt chart of the division of work throughout ranges of months in the current year.

ACTIVITIES	FEB-APR	MAY-JUL	AUG-OCT	NOV-DEC
RESEARCH WORK				
UI/UX DESIGN				
API/ Database				
Backend Development				
Testing				
Final Touches / Optimization				

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Tools and Technologies

- **Language:** JavaScript
- **Frame Work:** React Native, Node.js
- **Libraries:** React Native Vector Icon, Native Base
- **IDEs:** Visual Studio Code, Figma, Balsamiq, Android Studio, XCode
- **Tools:** MongoDB for Data storage

Reference:

- [1]. "Foodpanda." <https://www.foodpanda.pk/>. Accessed 7 Feb. 2020.
- [2]. "Cheetay." <https://www.cheetay.pk/>. Accessed 7 Feb. 2020.
- [3]. "Foodpanda acquires EatOye - Recent - Aurora." <http://aurora.dawn.com/news/1140757>. Accessed 7 Feb. 2020.
- [4]. "Eat Mubarak." <https://www.eatmubarak.pk/>. Accessed 7 Feb. 2020.
- [5]. "FikiFoo | Top Online Food Delivery Service in Pakistan. Order" <https://fikifoo.com/>. Accessed 7 Feb. 2020.
- [6]. "McDelivery®|McDonald's." <https://www.mcdonalds.com/us/en-us/mcdelivery.html>. Accessed 7 Feb. 2020.
- [7]. "tossdown.com." <https://tossdown.com/>. Accessed 7 Feb. 2020.
- [8]. "Supermeal.pk." <https://www.supermeal.pk/>. Accessed 7 Feb. 2020.
- [9]. "Peekaboo Guru." <https://peekaboo.guru/>. Accessed 7 Feb. 2020.

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