Karachi Institute of Economics and Technology
College of Computing and Information Sciences
FINAL YEAR PROJECT – 2023
PROPOSAL

SEMESTER	FALL 2023	YEAR	2023-2024

TITLE OF PROPOSED PROJECT

FOOD AND FETCH

Project Category (choose one)	✔ Product based	☐ Research-based

SUPERVISOR INFORMATION (To be filled by the office)

Supervisor Name:		Organization/ Designation	
Contact No:		email:	

STUDENT(S) INFORMATION

S#	Student ID	Name	
1	11255	ABDULLAH JAWED	
Contact No:	03401243614	email:	abdullahjawed900@gmail.com
Expertise	React js , node js , mongo db , React native, ASP. NET		
2	12359	Maham farooq	
Contact No:	03343124974	email:	manofarooq475@gmail.com
Expertise	Python , c# , react js , react native , mysql		
3	12398	Manahil leghari	
Contact No:	03337451687	email:	legharimanahil@gmail.com
Expertise	Python , c# , react js , react native , mysql		
4	10974	Madyha siddiqui	
Contact No:	03350257659	email:	madyhasiddiqui12@gmail.com
Expertise	Python , c# , react js , react native , mysql		

PROJECT AREA/TOOLS

Tools Required:	React Native , Firebase , API, My Sql
Area/Specialization:	E-commerce, Mobile APP

SUMMARY OF PROPOSED PROJECT (MAXIMUM 400 WORDS)

Problem Statement:- The problem of people spending too much time and effort on food and shopping separately. We're creating a mobile app where you can order your favorite food from restaurants and buy everyday things like groceries, clothes all at the same time.

Project Description:- The project's core objective is focused on creating a user-friendly mobile application that simplifies the way people manage their food and shopping needs. With our app, users can effortlessly order their favorite food from restaurants and purchase everyday groceries, clothes and essentials from a wide range of retailers, all in one convenient platform. This innovative solution aims to save users valuable time and offer them a seamless and efficient experience for handling their daily culinary and shopping requirements.

- **User Registration and Profiles**:
  Allow users to create profiles with their personal information and preferences.
- **Restaurant Listings**:
  Display a comprehensive list of restaurants with details like cuisine type, ratings, and delivery times.
- **Menu Display**:
  Showcase restaurant menus with images and descriptions for food ordering. Include product listings for shopping items.
- **Search and Filters**:

Enable users to search for specific restaurants or products and apply filters for better results.

- **Order Placement**:
  Provide a seamless process for placing food and shopping orders.
- **Payment Integration**:
  Support various payment methods, including credit/debit cards, digital wallets, and cash on delivery.
- **Barcode/QR Code Scanning**:
  Allow users to scan barcodes or QR codes for product information and promotions.
- **Feedback and Ratings**:
  Gather feedback from users about the app's performance and usability.
- **Delivery Scheduler**:
  Enable users to schedule food and shopping deliveries for a specific date and time.
- **Restaurant and Store Partner Dashboard**:
  Provide a dashboard for partner restaurants and stores to manage their listings, inventory, and orders.
- **Order Tracking Updates**:
  Keep users informed with real-time updates on the status of their orders, from preparation to delivery.
- **Order Feedback and Ratings**:
  After delivery, prompt users to rate and leave feedback on the quality of the food or products, as well as the delivery experience.
- **Special Offers and Discounts**:
  Offer exclusive pre-order discounts or promotions to encourage future orders.
- **Data Encryption**:
  Implement strong encryption protocols (e.g., HTTPS) to protect data transmitted between the app and servers.
- **Secure Payment Processing**:
  Comply with Payment Card Industry Data Security Standard (PCI DSS) requirements for handling payment data.
- **API Security**:
  Secure your APIs with authentication and authorization checks, and use API keys or OAuth for access control.

PROJECT OBJECTIVE(S)/OUTCOMES

The objective of this project is to create a comprehensive and user-friendly mobile application that seamlessly combines food delivery, shopping, and pre-order interactions, offering users convenience, variety, personalization, and security in one platform. This app aims to simplify users' daily lives by providing a single solution for their food and shopping needs while prioritizing data security and user satisfaction.

SIMILAR APPLICATIONS (SIMILARITY/DISSIMILARITY)

S #	Name of App	Link (URL/Play Store)	Similar Features	New Features
1	food panda	https://www.foodpanda.com/	food delivery	shopping, pre-order and secure app, no area restriction
2	Zomato	https://play.google.com/store/apps/details?id=com.application.zomato	food delivery platform	shopping, pre-order and secure app, no area restriction

3	Uber Eats	https://www.ubereats.com/	food delivery platform	shopping, pre-order and secure app, no area restriction

FUNCTIONAL FEATURES (Must be in Bullet Form)

For FYP 1 (At Least 70% of FYP):

- **Complete UI/DESIGN**
- **Integrating with DATABASE**
- **Integrating with API**
- **User Registration and Profiles**
- **Restaurant Listings**
- **Shopping Listings**
- **Menu Display**
- **Search and Filters**
- **Order Placement**
- **Payment Integration**
- **Feedback and Ratings**
- **Delivery Scheduler**
- **Restaurant and Store Partner Dashboard**

FYP Report at the time of FYP1 declaration (Soft Copy)

- Chapter 1 : Introduction
- Chapter 2 : Literature Review/Process Review
- Chapter 3 : Analysis Diagrams

For FYP 2:

- **Pre-order**
- **Order Tracking Updates**
- **Order Feedback and Ratings**
- **Special Offers and Discounts**
- **Data Encryption**
- **Secure Payment Processing**
- **API Security**

FYP Report at the time of FYP2 declaration (Hard Copy)

- Complete FYP Report
- Panaflex (2x5 ft.)

Additional Features by Jury Members:

For Proposal Defense Purpose

PROPOSED ADVISORY COMMITTEE		
S#	**Faculty Name**	**Signature**
1		
2		
3		

4		

FYP COMMITTEE			
S#	**Member(s) Name**	**Designation**	**Signature**
1	**Usman Khan (FYP Head)**	Asst. Professor	
2	**Dr Salman Ahmed Khan / Dr Noman Islam (Head of the Department)**	Professor	
3	**Dr. Muhammad Khalid Khan (Associate Dean & Director CoCIS)**	Professor	
	Date	00/00/0000	