"KHUDA LAGCHE" AN APPLICATION TO ORDER FOOD AT DIU CAMPUS BY

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This Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of Science in Computer Science and Engineering

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APPROVAL

This Project titled "KHUDA LAGCHE", submitted by *MD. ANISUR RAHAMAN ROBIN* and *MD. RAKIBUL HASAN* to the Department of Computer Science and Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on *23.01.2023*.

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i

DECLARATION

We hereby declare that, this project has been done by us under the supervision of Ms. Taslima Ferdause Shuva, Assistant Professor, Department of CSE Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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Finally, we must respectfully appreciate our parents' unwavering assistance and endurance.

ABSTRACT

To enable online food ordering convenient from any location in DIU, anytime the concept of KHUDA LAGCHE was generated. By using this application users can order food from nearby restaurants of DIU and also from the restaurants inside the campus like Green Garden, Food Court etc. This initiative was taken as a result of various foodrelated issues that DIU people are now experiencing. This saves both time and money for the user rather than going to the restaurant. Also, if anyone don't have money at a particular date of the month, he can order food without payment. The due amount will be added to his account. As a result, this system enables users to locate local restaurants and meals or select their preferred restaurants and cuisines by custom searches. Users can also place orders and get them while sitting wherever on campus. Faculties, officers and students can order food by using this application and can get food in the right time. Additionally, this system has the fantastic function of locating more than 500 fixed users that regularly subscribe to this software. Some students will get opportunity to join a parttime job and that will also help then financially. It will be beneficial to all DIU people and create more than 10 job positions initially. Most importantly, this application makes it simple to eliminate unemployment and allows you to eat your favorite meal while sitting in your preferred location. By raising food in the face of hunger, this application may be used to carry out a good deed.

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Chapter 1

Introduction

1.1 Introduction

The "KHUDA LAGCHE" Android app is currently available for "Daffodil International University" where student's and teacher's select quality full restaurant to place order via the app. The operations of restaurants are being significantly impacted by the internet and technological improvements. Given that the majority of people spend a significant portion of their days online, restaurants have enormous market potential. In fact, customers who frequent restaurants are more interested in buying food online. Restaurant managers and owners are always looking for ways to make it easier for consumers to order meals online and have it delivers quickly. Indeed, as more restaurants adopt this business model, online ordering and delivery services are gradually becoming standard. In our university students and teachers suffering for food because of shortest of their time. An app of food delivery is essential in our university.

1.2 Motivation

One day we went to our supervisor for our final year project. It's a hot summer day and time is noon. Madam is so tired and also us but we have no time to rest and eat. If we went for eat then we didn't find the time for rest and if we don't go for eat then it's a problem. That time we thing, we need an app which helps us. So, we create an app "KHUDA LAGCHE". It solves our university food delivery problem. Student's and teacher's find more time for rest and work. Our university is most popular university in Bangladesh so a personal food delivery app is most important we think that's why we create this app.

1.3 Objectives

Our project's goals are simple; we aim to assist people in developing sound business plans. We have created our project for Daffodil's people. By our application Daffodil's student's and teacher's find good food without any hassle and we will set up a beautiful business.

1.4 Expected Outcomes

The major goal of this method is to benefit both the consumer and the company, allowing them to continue operating and offering customers' favorite foods. Customers using this app may browse the internet and click to buy the food products they require. With only one click, the consumer may place a meal order from the menu card of his favorite restaurant, and the seller can upload their information while the admin has control over both the seller and the customer. The buyer must disclose his location when he clicks on the item to make a purchase. The buyer sends the food to the customer's address after verifying the order.

1.5 Overview

User, seller, and admin access are all available for this project.

- The user can access and leave the application.
- registration for using the application
- look at the restaurant's name
- sees the menu card for the restaurant
- purchase the meal
- Following the order, examine the meal item
- contracts with the administrator and the seller through a message
- The food item can be uploaded by the vendor
- The vendor acknowledges the client's order submission.
- check the testimonials of past clients
- A manager has access to the buyer and seller information.
- Both may be managed by the admin.
- The administrator can accept or reject any food item that the vendor submits.
- Any vendor or buyer can be blocked or restricted by the admin.

Chapter 2

Background

2.1 Terminologies

Our project's prime focus is to validate consumer orders from the many eateries of their choosing. so that clients who accept this service will be happy. Customers may use this service to confirm their meal orders online from any location, and they will receive their preferred food within a specified period of time.

We provide the following features:

- An application for food delivery service
- food goods that the vendor has uploaded
- Share client testimonials
- connect to the admin and the seller
- top-rated foods to explore
- home delivery of food
- online, through a bank, and through cash-on-delivery

2.2 Related Works

There are several food applications with an internet presence that ship food items. However, there aren't many internet services that deliver food in our nation. However, they are unable to offer a complete service. They also have a lot of drawbacks. All the eateries in our system have been consolidated by our team. Anyone can use the system because it has been made user-friendly. We have created a system with excellent structure and design that can accept cheap costs while providing the finest user experience. We emphasize chat features to foster stronger relationships and communication between buyers, administrators, and sellers.

2.3 Comparative Analysis

In Bangladesh, there are some mechanisms for delivering meals. Various strategies have been used in the study, but we have focused on four representatives. The first is food panda, a Berlin-based company called "Delivery Hero" that offers online food and shopping delivery.[10] Pathao cuisine is the second. You must install their applications on your Android smartphone in order to use their services[11]. The third one is shohoz meal. It solely distributes meals in the city of Dhaka. "Hungry Naki" is the final.[9] That includes the starving people in Bangladesh's major cities, such Sylhet, Chittagong, and Dhaka.[12]

2.4 Scope of the Problem

As we were developing the system, we encountered a number of problems. We must thoroughly comprehend how other systems function in order to identify their problems and remedy them in our own system. Additionally, we had conversations with several users as we were creating our system so that users' requested features could be incorporated and the system could be further enhanced. The system has been improved to be user-friendly. While creating the code, we also ran into a few issues that we were able to resolve. The system had a number of faults when we initially built it, and we struggled greatly to correct them.

2.5 Challenges

There are several varieties of restaurant management systems, but none have succeeded in fostering a positive buyer–seller relationship. As a result, in the online restaurant and delivery system, there is a disconnect between the seller and the client. On that, we have worked. Here, the buyer has the option of leaving a review and, if requested, messaging the vendor. Additionally, it was a major issue to integrate all the eateries into our system on a single platform. However, creating this system was a challenging undertaking that we were able to do. The creation of this system required a lot of work.

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Chapter 3

Requirement Specification

3.1 Introduction

We conducted an overview of the user-provided data. The necessary requirements, such as the program, scripting languages, hardware, and db, have all been gathered.

3.2 Overall Description

Below is the overall description:

3.2.1 System Interfaces

A web server with MySQL support is connected to the project system. The administrator can access the server using a local host server or through the internet.

3.2.2 User Interfaces



Figure 3.2.2.1:User interface

The system was created with mobile in view. The program viewed from Android mobile. People of all ages may easily utilize the program because of its user-friendly design. Logging into the program gives access to the Customer, Seller, Admin And Rider pages. When using it for the first time, the registration form must be completed.

3.2.3 Communication Interfaces

The protocol for internet communication and Transmission Control Protocol (TCP) are used to convey data between the user, purchaser, and administrator or server (IP) ©Daffodil International University 5

3.2.4 Storage Limitation

Our system has no limitations on how much storage it can handle. In this stage of the planning process, system development, process improvement, verification, and publishing are all finished.

3.2.5 Operations

Data transport is one of architecture's primary function. they are:

- database
- Searching
- updating
- Editing
- Deleting
- append
- removing

3.3 System Model

The primary method used in project management's early phases was the waterfall model. A "linear-sequential life cycle model" is another name for it. It is really easy to use and understand. In a waterfall approach, phases do not even cross over; each must be finished before the next one can start. The first SDLC method used for software development was the waterfall model. The software development process is presented in a sequential, linear fashion by the waterfall Model, often known as a linear-sequence life cycle model. This implies that a phase of development cannot start unless the one before it is finished. A waterfall paradigm does not allow for phase overlap. [1]

3.3.1 Waterfall Model Design

The most widely used SDLC model in software development to ensure project success is the waterfall approach. Using "The Waterfall" method, the entire software development process is divided into many phases. The outcomes of one phase in a waterfall model often serve as the sequential input for the next phase. The following diagram illustrates the various stages of the waterfall paradigm. [1]

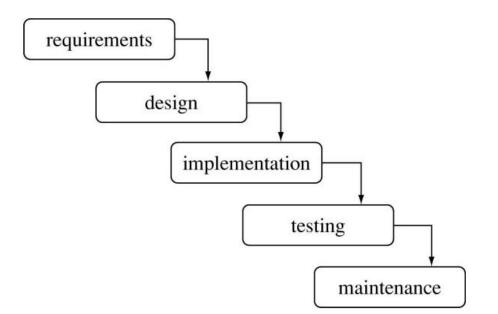


Figure 3.3.1.1: Waterfall model

3.3.2 Waterfall Model Phases

The following phases are ordered in the waterfall model:

1. Gathering and analyzing needs: All prospective system needs are gathered and documented in a requirements specification document at this stage.

2. System Design: The system design is developed during this phase, which also involves reviewing the necessary requirements from the preceding phase. System design determines the hardware and system requirements, as well as the overall architecture of the system.

3. Implementation: The platform is created first as a collection of little programs known as units, which are then merged in the next stage with help from the system design. Each unit is created and its functioning is assessed through unit testing.

4. Integrating and Testing: Before being included into a system, each unit produced during the implementation phase is tested. After integration, the entire system is reviewed for flaws and defects.

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5. System deployment: After non-functional and functional testing is finished, the product is deployed in the client environment or made accessible for purchase.

6. Maintenance: There are certain problems with the client environment. To address certain problems, patches are published. In addition, new versions of the item are published. To influence these changes in the consumer's surroundings, maintenance is done. As the development progresses through each phase, it appears to be pouring downhill (like a cascade) because each phase is interrelated with the others. The "Waterfall Model" got its name because the next phase doesn't begin until the set of objectives from the previous phase have been met and it has been approved. Stages don't overlap in this method [1].

3.4 Requirement Analysis and Specification

You must first make sure that your device complies with the system's criteria before downloading any software or equipment for hardware for your system.

The following hardware, software, and development platforms were used by us.

3.4.1 Requirement of hardware

Processor of the computer	intel i3 processor
computers Motherboard	ASUS Prime H310M
Ram of computer	A minimum amount of RAM is 8GB.
Internet Card	Any variety
Disk space	8 GB of free disk space (IDE+Android SDK+Android Emulator) is required.
hard Disk	50GB/100GB

Table:3.4.1.1 Requirement of Hardware

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3.4.2 Requirement of software

Software	Use
Android Studio	Android language
MySQL	for making database
Android mobile	for see the User interface

Table: 3.4.2.1 Requirement of Software

3.5 Admin panel Design

We discussed the procedure for creating software, database design (data architecture, layout, and other documents), and other documents in this area. Use case model, dataflow drawings, flowcharts, and DFD diagrams are further attempts to improve this software.

The programming languages used to construct this software are as follows:

- Hyper Text Markup Language(HTML)
- Cascading Style Sheets(CSS)
- Bootstrap

3.5.1 Hyper Text Markup Language (HTML)

Hyper Text Markup Language is what HTML is. The most used markup language for building Web pages is HTML. A Web page's structure is described in HTML. HTML is made up of many different parts. The way the content is presented in the browser is determined by HTML elements.

3.5.2 Cascading Style Sheets (CSS)

Cascading Style Sheets (CSS), a style-sheet language, is used to define how an HTML or XML page is displayed. The display of components in different media, such as voice, paper, displays, and other media, is specified by CSS.

3.5.3 Bootstrap

Bootstrap is a set of CSS styles and JavaScript functions used to develop responsive, mobile-first websites and applications. It often uses a grid system with rows and columns to aid with page layout, and it works with all browsers to create responsive webpages.

3.6 Requirement prosperity

- XML
- MY SQL

3.6.1 XML

The content and organization of data in a document are both described using the markup language extensible markup language (XML). The Simplified Generalized Markup Language is used in this (SGML). An industry standard for online content delivery is XML. XML is extensible because it offers the ability to define new tags.

XML uses tags, just like HTML, to describe content. However, the tags in XML explain the meaning and hierarchical structure of data rather than concentrating on the presentation of content. The advanced data types needed for effective data exchange across various applications and systems are made possible by this functionality. Additionally, because XML makes it possible to separate content from display, the content (or data) is transferable between disparate systems.

Information is marked up using the XML syntax by using start and end tags that match each other (like and). An element is a piece of data that is divided up by tags. The toplevel element that contains all other elements in an XML document is known as the root element. Sub-elements are typically used to describe elements that are contained within other elements. An element may, at its discretion, include characteristics that are used to further define it and are organized as name-value pairs.

An industry often employs mechanisms for exchanging data that are relevant to and particular to that industry. Businesses increasingly interact with a wider range of industries thanks to e-commerce, necessitating the development of professional understanding of the numerous electronic communication protocols employed by those sectors.

Because of its adaptability, XML is a very useful tool for standardizing the format of data exchange across different businesses. For instance, message brokers and workflow engines can utilize XML to integrate data from many sources into a format that is understandable by all parties when they need to coordinate transactions among several industries or departments within an organization. An industry often employs mechanisms for exchanging data that are relevant to and particular to that industry. Businesses increasingly interact with a wider range of industries thanks to e-commerce, necessitating the development of professional understanding of the numerous electronic communication protocols employed by those sectors.

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3.6.2 MYSQL

MySQL is the most popular open-source database in use today. According to DB-Engines, MySQL is the second-most popular database after Oracle Database. MySQL underpins several of the most widely used applications. Due to the fact that MySQL is free software, many of its features were developed over the course of 25 years in close consultation with users. The likelihood that MySQL Database will support your favorite application or programming language is thus very high.

Databases are the essential data storage mechanism for all software systems. For example, a database system keeps track of information whenever someone conducts a web search, logs into an account, or completes a transaction so that it may be accessed later.

SQL is the acronym for "Structured Query Language," which is what MySQL stands for. SQL is the most used standard language for interacting with databases. Depending on your application architecture, you might use a dialect API that hides the SQL syntax, manually enter SQL (for instance, to generate reports), or include SQL statements into the code of other languages. [3]

3.7 Diagram of Use Case Model

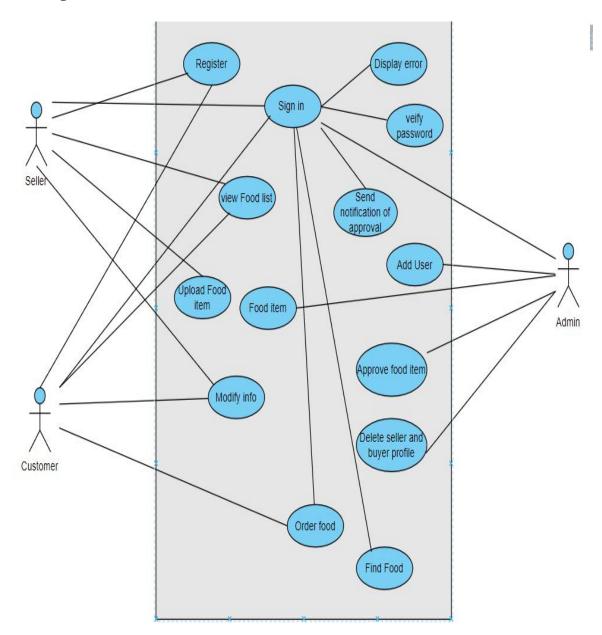


Figure 3.8.1 use case model of KHUDA LAGCHE

3.8 Diagram of Data Flow Diagram

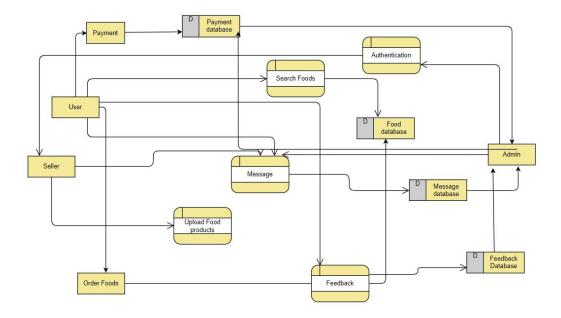


Figure 3.8.1 Dataflow Diagram of KHUDA LAGCHE

3.9 E-R Diagram

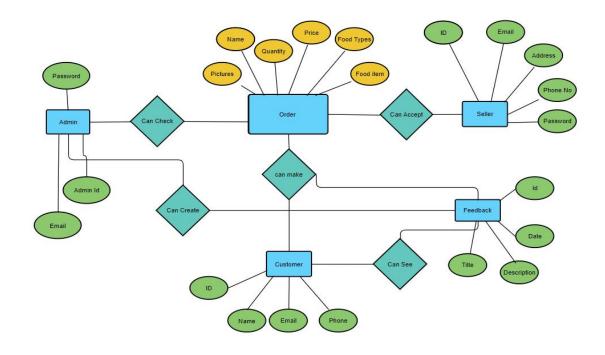


Figure 3.9.1 E-R Diagram of KHUDA LAGCHE

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3.10 Class Diagram

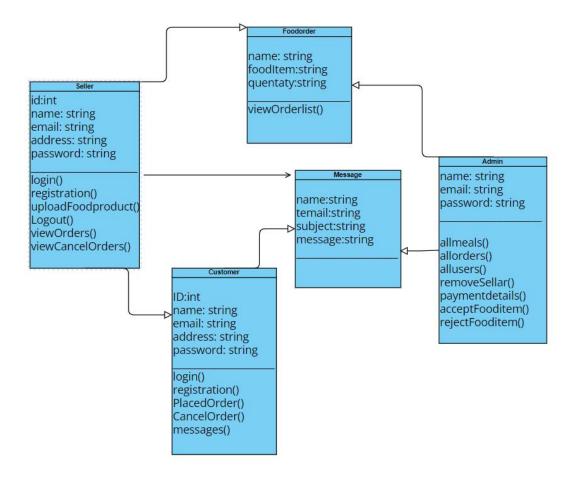


Figure 3.10.1: Class Diagram of KHUDA LAGCHE

Chapter 4

Design Specification

4.1 Front-End Design

There are two sections at the front. One is in XML and another is web-development. For our front-end design, we employ XML. The items in this category include typefaces, drop-down options, address books, and other things.

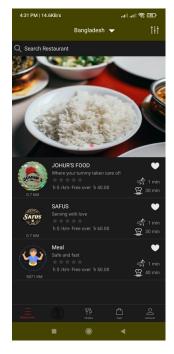


Fig 4.1.1: Design of Front-End

4.2 Back-End Design

Typically, the back-end consists of three components. One is order section. The application stores the essential information that the user submitted in a database that was established on a server. Basically, we used the Laravel framework and PHP.

KHUDA LAGCH SAFE AND FAST		All U	sers						
		Show	~ entries					Search:	
😫 Users	7		Name 🔶	Email	Pho	ne 🔶	Type 🔷	Register Date	Action \$
Restaurants	3	1	Rider One	rider@gmail.com	031112	22733	rider	2019-02-06 19:52:36	000
Manage Orders		3	Test User	user@gmail.com	+923137	370772	user	2019-02-07 21:37:22	
		471	Tanbir Ahmed	sadmin@gmail.com	01264	1549	hotel	2022-08-31 13:56:02	
ofo Riders	0	472	Rony Ahmed	rony@gmail.com	+8801974	4321833	user	2022-09-02 19:48:47	000
Inbox		473	Tanvir Ahmed	tanbir@gmail.com	+8801974	321833	user	2022-09-02 20:53:54	
🖾 App Sliders	2	475	Admin Rakibul	rakibul@admin.com	018692	93974	hotel	2022-09-03 09:16:13	
		476	Rakib Hasan	byslptrainee3767@gmail.com	+8801743	3218325	user	2022-09-03 10:00:30	
🍰 Tax Setting	0	477	Abdur Rakibul	abdul@gmail.com	018692	93974	hotel	2022-09-03 10:19:41	
\$ Manage Currency	0	478	Bechelor Resturent	dhakabachelor@gmail.com	015212	56363	hotel	2022-09-24 08:21:05	
🏜 Admin Users		479	Khalid Saifulallah	safusresturant.bd@gmail.com	019726	28593	hotel	2022-09-24 20:53:40	

Figure 4.2.1: Design of Back-End

KHUDA LAGCH SAFE AND FAST		All I	Restaurant	S					
Users	0	Show	100 v entries					Add F	lestaurants
Restaurants	0							ocoren	
Manage Orders		ID *	Name 👙	Email	¢	Phone 💠	Owner Name 👙	Register Date	Action \$
		28	Meal	rakibul@admin.com		01869293974	Admin Rakibul	2022-09-03 09:16:13	
6 Riders	0	33	SAFUS	safusresturant.bd@gmail.com		01972628593	Khalid Saifullah	2022-09-28 13:22:44	000
Inbox		34	JOHUR'S FOOD	rejwan11-6595@diu.edu.bd		01774080508	Johur Food	2022-09-30 21:58:51	
App Sliders	0	ID	Name	Email		Phone	Owner Name	Register Date	Action
, Tax Setting	0	Show	ring 1 to 3 of 3 entr	ies				Previous 1	Next
Manage Currency	0								

Figure 4.2.2: Design of Back-End

KHUDA LAGCH SAFE AND FAST		All Rid	ers							
🚰 Users 🎦 Restaurants	7	Show 100) ~ entries					Search:	Add Ric	ler
Manage Orders		ID 🔺	Name 👙	Email	\$	Phone	¢	Online	Action	¢
		1	Rider One	03111222733	ride	r@gmail.com		Online	000	
of Riders	0	ID	Name	Email		Phone		Online	Action	
Inbox		Showing 1	to 1 of 1 entries					Previous	1 Next	
App Sliders	2									
🕹 Tax Setting	0									
\$ Manage Currency	0									
🕌 Admin Users	0									

Figure 4.2.3: Design of Back-End

4.3 Interaction Design and User Experience (UX)

The administrative dashboard's layout

- characteristics of the registering management list to display
- Edit, add, take away, or delete the data regard to patient appointments.

4.4 Implementation Requirements

Streamlining everything and making it more accessible to users are the main goals of this part. The requirements for implementation were clear to us. Here is a list of the requirements for implementation:

- Produced more efficiently
- Communication is simpler
- A user-friendly interface
- Pages with animations
- The ability to control is easier

Chapter 5

Implementation and Testing

5.1 Implementation of Database

The most used open-source database globally is MySQL. According to DB-engines, it is a second-most used database after Oracle. Many popular apps, such as WordPress, are built on it. Since it is free software, it is very possible that MySQL will work with your preferred programming language. Over the years, the developers of MySQL have created many features that are very useful for various applications.[3]

5.1.1 All user

It includes all user data, including email, password, and address.

KHUDA LAGCH SAFE AND FAST		All U	sers						
		Show	~ entries					Search:	
Users	0	ID 🔺	Name 🕴	Email	¢	Phone	type 🗘	Register Date	Action \$
Restaurants	0	1	Rider One	rider@gmail.com		03111222733	rider	2019-02-06 19:52:36	000
Manage Orders		3	Test User	user@gmail.com		+923137370772	user	2019-02-07 21:37:22	000
		471	Tanbir Ahmed	sadmin@gmail.com		01264549	hotel	2022-08-31 13:56:02	000
Riders	0	472	Rony Ahmed	rony@gmail.com		+8801974321833	user	2022-09-02 19:48:47	000
Inbox		473	Tanvir Ahmed	tanbir@gmail.com		+8801974321833	user	2022-09-02 20:53:54	
App Sliders	2	475	Admin Rakibul	rakibul@admin.com		01869293974	hotel	2022-09-03 09:16:13	000
		476	Rakib Hasan	byslptrainee3767@gmail.com		+8801743218325	user	2022-09-03 10:00:30	000
Tax Setting	0	477	Abdur Rakibul	abdul@gmail.com		01869293974	hotel	2022-09-03 10:19:41	
Manage Currency	0	478	Bechelor Resturent	dhakabachelor@gmail.com		01521256363	hotel	2022-09-24 08:21:05	
Admin Users		479	Khalid Saifulallah	safusresturant.bd@gmail.com		01972628593	hotel	2022-09-24 20:53:40	000

Figure 5.1.2.1: All Users Database

5.1.2 All Products

KHUDA LAGCI SAFE AND FAST		All I	Restaurants						
🐏 Users	Ø							Add	l Restaurants
📲 Restaurants	8	Show	100 v entries					Search:	
Manage Orders		ID [▲]	Name 🍦	Email	¢	Phone 🔶	Owner Name	Register Date	Action \$
 Manage Orders 		28	Meal	rakibul@admin.com		01869293974	Admin Rakibul	2022-09-03 09:16:13	
ofo Riders	0	33	SAFUS	safusresturant.bd@gmail.com		01972628593	Khalid Saifullah	2022-09-28 13:22:44	
Inbox		34	JOHUR'S FOOD	rejwan11-6595@diu.edu.bd		01774080508	Johur Food	2022-09-30 21:58:51	
App Sliders	2	ID	Name	Email		Phone	Owner Name	Register Date	Action
Tax Setting	0	Show	ing 1 to 3 of 3 entries					Previous 1	Next
\$ Manage Currency	0								

The administrator may view all of the orders here and, if desired, cancel them.

Figure 5.1.3.1: All Restaurant Database

5.1.3 Rider

Here, a database listing of Rider will be displayed.

KHUDA LAGCH SAFE AND FAST		All Ride	ers					
Users Users	0	Show 100	✓ entries				Search:	Add Rider
Restaurants	3	ID 🔺	Name 🍵	Email 🍦	Phone	4	Online 🝦	Action 🍐
■ Manage Orders		1	Rider One	03111222733	rider@gmail.com		Online	•••
ofo Riders	Ø	ID	Name	Email	Phone		Online	Action
Inbox		Showing 1	to 1 of 1 entries				Previous	1 Next
App Sliders	2							
🍰 Tax Setting	0							
Manage Currency	0							
😫 Admin Users	0							

Figure 5.1.4.1: All Meals database

5.1.4 All Orders

KHUDA LAGCH SAFE AND FAST		All U	sers						
😫 Users	-	Show	 ✓ entries 					Search:	
Users Users	0	ID 🔺	Name \$	Email	¢	Phone	🕴 Type 🌢	Register Date	Action 4
Restaurants	8	1	Rider One	rider@gmail.com		03111222733	rider	2019-02-06 19:52:36	
Manage Orders		3	Test User	user@gmail.com		+923137370772	user	2019-02-07 21:37:22	000
	_	471	Tanbir Ahmed	sadmin@gmail.com		01264549	hotel	2022-08-31 13:56:02	
no Riders	0	472	Rony Ahmed	rony@gmail.com		+8801974321833	user	2022-09-02 19:48:47	
Inbox		473	Tanvir Ahmed	tanbir@gmail.com		+8801974321833	user	2022-09-02 20:53:54	
App Sliders	2	475	Admin Rakibul	rakibul@admin.com		01869293974	hotel	2022-09-03 09:16:13	
		476	Rakib Hasan	byslptrainee3767@gmail.com		+8801743218325	user	2022-09-03 10:00:30	
Tax Setting	0	477	Abdur Rakibul	abdul@gmail.com		01869293974	hotel	2022-09-03 10:19:41	000
\$ Manage Currency	0	478	Bechelor Resturent	dhakabachelor@gmail.com		01521256363	hotel	2022-09-24 08:21:05	
		479	Khalid Saifulallah	safusresturant.bd@gmail.com		01972628593	hotel	2022-09-24 20:53:40	

This section will provide the database of all available product lists

Figure 5.1.2.1: All orders database

5.2 Implementation of Front-End Design

The landing page for the project is this. This interface will be visible to users as soon as they install the app. The client or user must register and set up an account in order to fully utilize the app. They may brows the app later by logging in. some pictures of frontend design are:



Figure 5.2.1: Design of' KHUDA LAGCHE"

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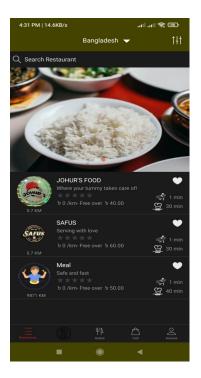


Figure 5.2.2: Design of "KHUDA LAGCHE"



Figure 5.2.3: Design of "KHUDA LAGCHE"

4:33 PM 0.6KB/s 🗢	
LUCHI-WITH ALUR DC	ом Х
LUCHI-WITH ALUR DOM 2 Piece luchi and alurdom	Ե40
Extra luchi	
LUCHI	+ ৳10
extra alur dom (Required)	
O alur dom	+ ৳20
drink (Required)	
occacola	+ ৳25
○ 7up	+ 1=20
INSTRUCTIONS	
Order Now	ъ65.0
	۹

Figure 5.2.4: Design of "KHUDA LAGCHE"

4:34 PM	161KB/s 오		atl at	1
		Meal		
	vat-vorta-dii vat: 01, vorta: 01 Price: 50 BDT		O	1 RDER NOW
	Chiken-Vat- Price: 100 BE		O	1 RDER NOW
	Cash-On-I			
			А	
: <u> </u>		Ψ A Orders	Cart	Account

Figure 5.2.5: Homepage of "KHUDA LAGCHE"

4:35 PM 0.3KB/s 오		ail at S	
	Cart		Clear
			£60
			£60
			>
			>
Delivery			
			>
			>
Rider Tip			t0.0
Sub Total			ъ140.0
Tax (0%)			ъ 0.0
Discount (0%)			Ե 0.0
Delivery Fee			Ъ 0.0
Che	eck Out		
	4¥ orders		Account

Figure 5.2.6: Design of "KHUDA LAGCHE"

5.2.1 User Register page

With their name, email, phone, address, national ID, picture, and password, users and sellers may register or build an account.

1:45 PM 2.2KB/s 🕥 🖪		an 🕾 🖬
Regis	stratior	า
Name Name		
Email abc@gmail.com		
Phone Number 01XXXXX		
Address Address		
NID NID		
-		
S	UBMIT	
-	۲	٩

figure 5.2.1.1: Design of register page

5.2.2 User Sign-in

Using their registered email address and password, users, sellers, and administrators can log in. After entering your email and password, click Log In to access the program.



figure 5.2.2.1: Design of log-in page

5.2.3 Password Recovery

After a modification, if a user or merchant forgets their password, they can recover it by clicking the forget password button. here, the user and the merchant retrieved their accounts through email.

<	Recover Password
Email	xyz@gmail.com
	RECOVER

Figure 5.2.3.1: Design of password Recovery Page

5.2.4 Meal Package

Here, users may subscribe to meal plans. The benefit of this is that there will be a set of meals that users may order from and pay for at the end of the month. It now includes features mostly geared for bachelors.



Figure 5.2.4.1: Design of Meal Package Page

5.2.5 Food item page

Random food items will be included here so that customers may quickly place food orders by viewing the food's image.



Figure 5.2.5.1: Design of Food Item Page

5.2.6 Restaurant Page

Users or customers may choose their preferred restaurant and place orders for their favorite foods through the restaurant page.

KHUDA LAGCH SAFE AND FAST		All	Restaurant	S				
users 🗠	0		[100]				_	d Restaurants
Restaurants	0	Show	100 v entries				Search:	
		ID *	Name 🔶	Email	¢ Phone ¢	Owner Name	Register Date	Action \$
 Manage Orders 		28	Meal	rakibul@admin.com	01869293974	Admin Rakibul	2022-09-03 09:16:13	
h Riders	0	33	SAFUS	safusresturant.bd@gmail.com	01972628593	Khalid Saifullah	2022-09-28 13:22:44	
Inbox		34	JOHUR'S FOOD	rejwan11-6595@diu.edu.bd	01774080508	Johur Food	2022-09-30 21:58:51	000
App Sliders	0	ID	Name	Email	Phone	Owner Name	Register Date	Action
Tax Setting	0	Show	ving 1 to 3 of 3 entri	es			Previous 1	Next
Manage Currency	0							
📽 Admin Users								

Figure 5.2.6.1: Design of Restaurant Page

5.2.7 Message with seller page

By providing their email address, anybody may contact sellers and administrators.

Your Name	
Your Email	
Subject	
Message	
Send Message	

Figure 5.2.7.1: Design of message page

5.2.8 Cart

All of the food products may be added to the basket by users before they choose to buy them by clicking the "buy now" button.

4:35 PM 0.3KB/s 오		att att ?	R (B)
	Cart		Clear
			>
			>
Delivery			
			>
			>
Rider Tip			ъ0.0
Sub Total			Ե140.0
Tax (0%)			ъ0.0
Discount (0%)			t 0.0
Delivery Fee			ъ0.0
	Check Out		
	۲		

Figure 5.2.8.1: Design of Cart page

5.2.9 Billing Details

You can place an order by clicking on the name country, address, phone number and email address in the billing address.

2:08 PM 0.0KB/s		att att) 🌩 💷	
	Cart		Clear	
1x Sada vat + 1510				
			>	
			>	
Delivery				
			>	
			>	
Rider Tip			ъ0.	
Sub Total			₩270.	
Tax (0%)			ъo.	
Discount (0%)			το.	
Delivery Fee			ъ0.	
Total			ъ27	
c	heck Out			
	Ψ 4 ²²			
annadana (

Figure 5.2.9.1: Design of billing details page

5.2.10 Payment page

Here the user can view his total bill and pay the bill by using card, bank or cash

Rider Tip			b0.0
Sub Total			₽270.0
Tax (0%)			ъ0.0
Discount (0%)			চ 0.0
Delivery Fee			ъ0.0
Total			ъ270
	Check Out		
Restauranta	Ψβ ² Orders	(art	Account
-			

Figure 5.2.10.1: Design of payment page

5.3 Testing the Application

This test's objective is to confirm that our system complies with all legal standards. We made an effort to ensure that the information that users enter into our system is secure.

S.L No	Test Outcome	Expected Outcome	Outcome
1	Sign up	The information is entered into the MySQL database when the anonymous user registers.	Successful
2	Log In	After signing up, the user can access the website whenever user want to purchase food and seller can upload products	Successful
3	Forget-Password	If a user forgets his password after registering, he may retrieve it by selecting "forget password" and using his email address to do so.	Successful
4	order purchase	After logging in with his password, the user can order any food item or meal package	Successful
5	Message send	He can message the admin and seller for any issues	Successful
6	Log Out	Use to leave this web application	Successful

5.4 Test Results and Reports

Table 5.4: Test results and reports

Chapter 6 Impact on Society, Environment

6.1 Social Effects

The popularity of food delivery has spawned a new social custom and given consumers a handy option to enjoy their favorite meals at home. With more ways to market their goods and reach more clients, delivery services have given eateries access to a new source of income. hence offering ease to customers is great.[4]

6.2 Impact on the Environment

The enormous amounts of plastic garbage produced and how to handle them are the main environmental challenges that can be highlighted as a result of the considerable advancement in online food delivery and restaurant management. The efficiency of recycling infrastructure and the growth of online food delivery in different countries will depend on how well they manage the plastic waste generated by their restaurant management and online meal delivery. Food waste is frequently associated with online meal delivery services and restaurant management services that have a "minimum price" requirement because they compel customers to buy more food than they require or share food with roommates in order to meet the "minimum price" for free delivery. Because they don't want to consume the same meals more than once, they can't take the leftovers home with them after work, or they can't store them because they live in a dorm, customers don't want to stock up on leftovers. [6]

6.3 Ethical Aspects

These are the top 5 ethical issues for food delivery:

- Customer privacy and data must be kept securely.
- The proper tools are essential for food safety and delivery.
- Better food quality is required.
- Delivery drivers must be reliable and honest.
- The actual food must resemble the meal image. Good men should be quality men.

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Chapter 7

Conclusion and Future Scope

7.1 Discussion and Conclusion

As I had said, I ultimately accomplished the online food and restaurant delivery system with the very minimum needed. Anywhere, at any moment, anyone may utilize the technology I have designed. I tried to meet every need for the project, and I had to do a lot of research to successfully complete my work. The fundamental foundation is now finished, despite the fact that I was unable to incorporate all of the objectives. The processes of placing food orders and uploading food may be completed through this system. I've gained a lot of knowledge and conducted a ton of research for the project, both of which will be very useful for my future career.

7.2 Scope for Further Developments

I'll be adding additional food categories in the future that the consumer may purchase for less money. The majority of eateries and food delivery services may assess their investment return in terms of cost reductions, which are primarily due to improved resource and staff utilization. In the future, I'll also include food items and consumables here. Revenue growth may also be measured in terms of the restaurant and delivery system, which is typically a result of higher guest experience and, in some cases, quicker turn times for tables—and, in certain cases, the capacity to reach and serve a big number of people.

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"KHUDA LAGCHE" AN APPLICATION TO ORDER FOOD AT DIU

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