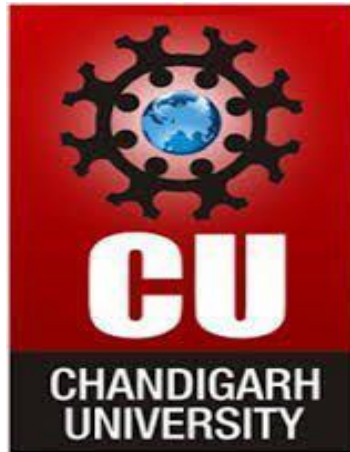


# FOOD ORDERING ANDROID APPLICATION

Submitted in partial fulfillment of the requirements for the award of degree of

## **BACHELOR OF ENGINEERING IN COMPUTER SCIENCE & ENGINEERING**



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## **Introduction**

The project is based on the domain android app development. The project name is “Food Ordering App”. So basically, it is an android app that helps the users to order food through their phones anywhere at a reasonable rate. This application is designed to help customers pick up their favorite food at affordable prices and enjoy their happy meals. If we are taking any trip outside the city the menu will be upgraded according to the location and consists of nearby hotels menu. This has one administrator account that verifies the subscriber and two types of user account. One of the menu managers and one of the customers ordering foods. This application has only one administrator account and cannot have more than one administrator account. The "Online Food Ordering Application" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this all it proves it is user-friendly. Online Food Ordering Application as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and managing the information of Item Category, Food, Customer, Delivery Address. Order. Every Online Food Ordering Application has different Food needs; therefore, I design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executive who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

## **Feasibility Study**

Availability of a measure of how the information system will be useful / effective in an organization is possible. Since feasibility study looks at the functioning of the mind by focusing on identifying potential problems. When assessing feasibility of a project following criteria can be identified:

### **1. Operational feasibility**

The main purpose of this project is to provide a program that will help and assist the user / client. All the requirements for this program are necessary for customer applications. Therefore, the application receives input from the user and generates reports so that the client can monitor all of his order details.

The purpose of this website is to facilitate the convenience of the users or customers who want to take an online food order. The information obtained from the user will be stored securely in a single database and carefully monitored. Because the system generates reports automatically, the report produced and the information provided will be accurate.

### **2. Technical feasibility**

The implementation of Food ordering App will save the time and effort of the users as well as of the staff. The usefulness of getting results through this online system can be more useful than what the default method (manual method) does.

As the system continues to grow, researchers would too. Software testing and hardware will be. Researchers would constantly improve the system and apply all the learning they had.

### **3. Schedule feasibility**

Systematic planning has looked at whether it is possible to build a successful solution to a given problem, within the allotted time. Since the deadlines shows the time frame that we are expected to benefit from. I have developed our project plan by looking at the given timeline.

### **4. Economic feasibility**

When considering the economic feasibility of a plan the cost analysis looks at the benefits of the plan in relation to its costs.

## **Methodology/ Planning of work**

The methodology or the steps taken for the project planning are:

### **1. Purpose and goals.**

The main objective of the Project on Online Food Ordering Application is to manage the details of Food, Item Category, Shopping Cart, Customer, Order. It manages all the information about Food, Delivery Address, Order, Food. The project is totally built at administrative end and thus only the administrator is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the Food, Item Category, Delivery Address, Shopping Cart. It tracks all the details about the Shopping Cart, Customer Order.

### **2. Budget.**

We're an un-established, min-sized group with this start-up, hence creating an application and looking for an investor for further in future after the completion. This will probably include funds for android application, programming and app hosting (though other expenses may apply).

### **3. Content strategy.**

The kind of content I would be displaying on our application is nothing but simply an e-commerce place for food orders.

### **5. Structuring Application.**

My application will have a welcome page, login page, registration page, forget password page, navigation drawer, all restaurants page, restaurant details page, cart page, my profile page, favorites, order history, FAQ page and logout page.

### **6. Mock-up.**

A page mock-up, also known as a wireframe, is essentially the outline of our website with the initial design being the first draft. I have created it through Mockflow, and haven't put too much detail into our mock-up. We've used placeholder text to fill pages. This is just to give everyone an idea of what the website will look like.

### **7. Designing.**

- I will make our navigation easy to understand and easy to find.

- I will make our application responsive.

## **8. Testing**

Testing is important for getting out bugs out and catching details that I might have missed initially. I will make sure that my application shows up the way I want it to in all mobile phones. I will also test it on our cell phone, your tablet, and our colleague's cell phones and tablets too.

## **9. Maintain your application.**

I also have a plan for maintaining the application, such as who is responsible for posting new content or monitoring app security.

## **Module & Team Member wise Distribution of work**

It is the project handle by single member.

- Language and Framework
- Frontend developer
- Content writer and/or editor
- JAVA/XML professionals
- Android studio handler
- Backend Developer

## **Innovations in Project**

My project is only a humble venture to satisfy the needs to manage their project work. Several user-friendly, coding have also adopted. The objective of software planning is to provide a frame work that enables the manger to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.

## **Software and Hardware Requirements**

The software and hardware required for the same are:

### **SOFTWARE:**

Database: [MySQL Server](#)

Browser: [Chrome](#)

Operating System: Windows

IDE: Android Studio

### **HARDWARE:**

PC with 8 GB RAM

Microsoft Windows 7/8/10 (32 or 64 bit).

500 MB disk space

1 GB for Android SDK

1280x800 screen resolution

A faster processor

### **Bibliography**

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