**A**

**Synopsis**

**on**

**FOOD RUNNER**

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1. **Introduction**

The aim of developing Online Food Ordering system project is to replace the traditional way of taking orders with computerized system. Another important reason for developing this project is to prepare order summary reports quickly and in correct format at any point of time when required.

Online Food Ordering System has a lot of scope. This project can be used by any restaurants or fast foods for customers for keeping their order records. This project is easy, fast and accurate. It requires less disk space.

Nowadays everyone is having busy schedule whether it is urban area or rural. But talking specifically about the urban areas and deeply about the big cities, people out there are so busy in their life that they don’t get enough of time to have their meals properly.

food ordering system these days has one of the fastest growing markets, though being a new idea. In this project we have developed something like the same to earn from and serve the nation in a much better way possible.

1. **Experiment**
2. **Frontend – XML**

XML (Extensible Markup Language) is a markup language like HTML, but without predefined tags to use. Instead, you define your tags designed specifically for your needs.

This is a powerful way to store data in a format that can be stored, searched, and shared. Most importantly, since the fundamental format of XML is standardized, if you share or transmit XML across systems or platforms, either locally or over the internet, the recipient can still parse the data due to the standardized XML syntax.

* XML plays an important role in many different IT systems.
* XML is often used for distributing data over the Internet.
* It is important (for all types of software developers!) to have a good

understanding of XML.

1. **Backend — KOTLIN**

Kotlin has become very popular since it is compatible with Java (one of the most popular programming languages), meaning that Java code (and libraries) can be used in Kotlin programs.

1. **Kotlin is used for:**

* Mobile applications (especially Android apps)
* Web development
* Kotlin works on different platforms (Windows, Mac, Linux, Raspberry Pi. etc.)
* Kotlin is concise and safe
* Kotlin is easy to learn, especially if you already know Java

1. **App Functioning**

* Firstly, the user must register themselves on the app.
* Users will be able to book food on the app.
* They can track their food & order history.
* They can markup favorite restaurants for future reference.
* Their registration details will be stored for future login processes.

1. **Technology/ Software Requirements**

* Ram:4 GB
* Android Version: 8.0 and above
* Processor: Snapdragon 632

1. **Modules of Online Food Ordering System:**

* Food Management Module: used for managing the food details.
* Order Module: Used for managing the details order
* Delivery Address Module: used for managing the details of Delivery Address
* Item Category Management Module: Used for managing the information and details of the Item Category.
* Shopping Cart Module: Used for managing the Shopping Cart Details
* Customer Module: Used for managing the customer information
* Login Module: Used for managing the login details
* Users Module: Used for managing the use of the system

1. **Reports of Online Food Ordering System:**

* It generates the report on Item Category, Food, Delivery Address
* Provide filter reports on Shopping Cart, Customers, Order

1. **Conclusion:**

An online food ordering system is developed where the customers can make an order for the food and avoid the hassles of waiting for the order to be taken by the waiter. Using the application, the end users register online, read the E-menu card and select the food from the e-menu card to order food online. The advantage is that in a crowded restaurant there will be chances that the waiters are overloaded with orders and are unable to meet the requirements of the customer satisfactorily. Therefore, by using this application, the users can directly place an order for food to the chef online.

* As it is an automated system to avoid mistakes.
* The customers can avoid the long queues at the counter, with a reasonable speed of execution and maximum throughput.
* The customers would not end up having to physically visit your restaurant just to pick up the food they've ordered.

**GANTT CHART**

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| – | **WEEK**  **1** | **WEEK 2** | **WEEK 3** | **WEEK 4** | **WEEK 5** | **WEEK 6** | **WEEK 7** | **WEEK 8** | **WEEK 9** | **WEEK 10** | **WEEK 11** | **WEEK 12** |
| Requirement analysis and feasibility check |  |  |  |  |  |  |  |  |  |  |  |  |
| Designing |  |  |  |  |  |  |  |  |  |  |  |  |
| Coding |  |  |  |  |  |  |  |  |  |  |  |  |
| Testing and maintenance |  |  |  |  |  |  |  |  |  |  |  |  |