

Sample of Requirement gathering:

People can utilize the mobile application and the online store to order their favourite treat from their preferred restaurant. Nowadays, many individuals prefer to place online food orders and have a home-cooked meal with their family. As a result, they must alter their sales policy and are ready to offer far more customer-friendly facilities by creating an e-commerce website and mobile meal delivery application. They would be able to give clients detailed information about their restaurants through this application and an e-commerce website. Additionally, to increase their business, restaurant owners must engage in the creation of mobile applications and e-commerce websites for their establishments. Additionally, they must engage in employing technological specialists to promptly maintain and update this mobile application and e-commerce website so that customers won't experience any inconsistencies due to technological issues. Additionally, it will be the duty of these technical specialists to respond to client inquiries and offer answers.

Functional Requirements:

- The mobile-application and e-commerce website should of a description page that should include the detail information about their restaurant, their vision, goals and the food items they are intended to sell.
- It should have a login and sign-up page to register the customer in restaurants database and after registration they can again login using their specific credentials.
- Both mobile-application and e-commerce website should have a dynamic database to save customers details, to manage inventory, to save customers previous orders in order to give them quick suggesstions.
- Mobile-application and e-commerce website should have a function of adding or deleting food items from their existing cart.
- Both platforms must consist of a payment mechanism that allows customers to pay their bill through various options such as, credit card, debit card or an option of cash on delivery. In addition to this, they must make sure to provide secure transactions.
- Both platforms must have a log-out mechanism after placing order and successfully completing payment.
- These platforms have to include receipt generation system that contains the informa-tion of their food orders, total amount, and payment details. These

platforms must have a function which automatically sends receipt to their email or registered contact number.

- These platforms will run on client-server architecture, and they will be developed by using Python and PHP programming. Additionally, mobile-application and e-commerce website should easily run on all types' browsers and mobile phones.

Non-Functional Requirements:

- Both mobile-application and e-commerce website must be fully available during the working hours of the restaurant, so that the customers can order the food at any time in any browser and any mobile-phone.
- Both platforms should use Secured Socket Layer (SSL) in all payment methods, including any customer's sensitive information.
- A database will be used to maintain the customers and food product details.
- Backup facility should be provided in case of any technical failure.
- It should include, a log-out system for all the customers after a period of inactivity.
- Functions of both mobile-application and e-commerce should be developed so that, they will be able to run better even in peak busy time.