

EXPERIMENT 3.3 SOFTWARE ENGINEERING

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QUESTION 1:

Write a design document for the following scenario

The software proposed is Food Ordering System. It has participants who will interact with the system, called the external entities. The Supplier, Kitchen, Manager, and Customer are the entities who will interact with the system. In between the process and the external entities, there is data flow (connectors) that indicate the existence of information exchange between the entities and the system

SOLUTION:

AIM:

Development of software design document for the project.

Software design document Software design document is a written description of a software product, that a software designer writes in order to give a software development team overall guidance to the architecture of the software project. An SDD usually accompanies an architecture diagram with pointers to detailed feature specifications of smaller pieces of the design. Practically, the description is required to coordinate a large team under a single vision, needs to be a stable reference, and outline all parts of the software and how they will work.

1. Introduction

Food Ordering System is actually a type of software that allows the manager of restaurants to manage and accept the placed orders over the Internet or in the restaurant.

In this paper “Design Food ordering application” is designed that addresses various issues. It will reduce the various problems such as clash of the database efficient working and reduce of manual work as more and more work will be online and people can also book their reservations before hand.

2. Related Work

The work of making the website efficient such as user can reserve the table order the food as well as some additional functionalities such as payment on the same module to reduce manual work have been added.

The related work is under process and we are trying quite hard to achieve the desired outcomes.

3. Architecture of Proposed Approach

The fundamental approach behind making food ordering website is to make such a efficient website that user can reserve, order, pay and even customize his/her cart according to the wish.

Food Item Management Module: Used for managing the Food Item details.

Confirm Order Module: Used for managing the details of Confirm Order

Payment Module: Used for managing the details of Payment

Category Management Module: Used for managing the information and details of the Category.

Customer Module : Used for managing the Customer details

Order Module : Used for managing the Order information's

Login Module: Used for managing the login details □ **Users Module :** Used for managing the users of the system

4. Complete Working of Proposed Approach

The complete working of food ordering website is shown in the flowchart below:

