**Practical 2**

**Aim:-** **To prepare Problem Statement for the project of your choice.**

**Theory :-**

The first phase of requirements engineering begins with requirements

elicitation i.e. gathering of information about requirements. Here,

requirements are identified with the help of customer and existing system

processes. So from here begins the preparation of problem statement. So,

basically a problem statement describes what needs to be done without

describing how.

**Online Food Ordering System**

In current scenario food delivery is crucial problem as locating customer and tracking delivery agent is not possible in call based food delivery system. To overcome this problem online food delivery system is developed.

In online food delivery system customer can see variety of restaurants offering various dishes in one application And we can outcome the problem of locating customer and delivering food quickly with accuracy.

There are several existing system available like swiggy and Zomato. Which provide facility to order from multi-restaurant.

The main scope of this system is to provide faster and better service to deliver food faster and less cost for delivery. This system will allow hotels and restaurants to increase scope of business by reducing the labor cost involved. The system also allows to quickly and easily manage an online menu which customers can browse and use to place orders with just few clicks.

College Students and Young Adults who Studies show that this demographic also enjoys meal delivery services because they miss home cooked meals. For Parents Meal delivery services are a great option for busy parents and families. Not only will it save them time from going to the grocery store, but it gives them the chance to cook with their kids, without all of the extra work of food preparation. And also Working Professionals Working professionals are often busy and overwhelmed, but having a meal kit delivery service takes the guesswork out of planning and making dinner. After a long day at the office, what could be better than that? So that this 3 are main targeted audience of Online Food delivery System.

The purpose of the project is to build an application program to reduce the manual work for managing the Item Category, Food, Customer, Delivery Address.

The main objective of the Online Food Ordering System is to manage the details of Item Category ,Food, Delivery Address, Order, Shopping Cart. It manages all the information about Item Category, Customer, Shopping Cart, Item Category. 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 Item Category, Food, Customer, Delivery Address. It tracks all the details about the Delivery Address, Order, Shopping Cart.

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• Provides the searching facilities based on various factors. Such as Item Category, Delivery Address, Order, Shopping Cart

• The transactions are executed in off-line mode, hence on-line data for Item Category, Food capture and modification is not possible

• It tracks all the information of Food, Customer, Order ect

• Manage the information of Food

• Shows the information and description of the Item Category, Delivery Address

• All the fields such as Item Category, Delivery Address, Shopping Cart are validated and does not take invalid values

• It generates the report on Item Category, Food, Customer

• Provide filter reports on Delivery Address, Order, Shopping Cart

• You can easily export PDF for the Item Category, Customer, Order

• Application also provides excel export for Food, Delivery Address, Shopping Cart

• You can also export the report into csv format for Item Category, Food, Shopping Cart

• To increase efficiency of managing the Item Category, Food

• It deals with monitoring the information and transactions of Order

• Manage the information of Item Category

• Editing, adding and updating of Records is improved which results in proper resource management of Item Category data

• Manage the information of Order

• Integration of all records of Shopping Cart.