

ABSTRACT

The purpose of this project is to develop an online food ordering system. It is a system that enables customer of Food to place their order online at any anytime at any place.

The reason to develop the system is due to the issues of facing by Food Industry. These issues are such as peak hour-long queue issues, increase of take away than visitors ,speed major request of Food management , limited promotion, and quality control of food management.

Therefore this system enhances the speed and standardization of taking orders from the customers and display it to the staff in the kitchen accordingly .

Beside that it provide user friendly web-pages and effective advertising medium to the new product of the online food ordering restaurant to the customer at reasonable price.

Further more , it also extend and deliver customer satisfactions especially to the hectic customer or reaching the customers who are constrain of transport to be in food restaurant. Altogether it is helpful for everyone for the customers and for the restaurants also.

ACKNOWLEDGEMENT

After completion of my final year project, I would like to take this chance to express my sincere gratitude to My project guide **Mr. guide** who has guided me a lot throughout my project development. Without him, I think I can't finish the project on time. In addition, while I meet some logic problem or design problem, he always the one who gives me useful and logical answers.

I would like to thanks **Mr. guide** for one more time because he share his experience with us so that we can get more logic understanding on how to develop web-based application which is suitable for current society.

Finally I want to thank to all my friends and teachers, who helped and co-operate me directly or indirectly in the accomplishment of this project.

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Chapter 1 Introduction

1.1 Overview

Food ordering system means it an application which will help restaurants to optimized and control over their restaurants. and my project “ Food ordering system” {**The Foodie**} is also based on the same point .

Through this website user can do a lot of things from anywhere from home, from office , from train and many more places .

User can order his/her favourite a user is needed for help.

As you open the website **The Foodie** a animated page will load and it will have two options one i.e log-in and other i.e sign-up.

1.2 Objective

It is required to keep the computerized data, as it is difficult to do manually and is also fast as it takes less time. Purpose to computerize

Chapter 2 Requirement and Analysis

2.1 Software Requirement Specification

A software requirements specification (SRS) is a detailed description of a software system to be developed with its functional and non-functional requirements. The SRS is developed based the agreement between customer and contractors. It may include the use cases of how user is going to interact with software system.

The software requirement specification document consistent of all necessary requirements required for project development. To develop the software system we should have clear understanding of Software system. To achieve this we need to continuous communication with customers to gather all requirements.

2.1.1 Data Gathering

Data Gathering is the process of gathering and measuring information on variables of interest, in an established systematic fashion that enables one to answer stated research questions, test hypotheses, and evaluate outcomes. The data collection component of research is common to all fields of study including physical and social sciences, humanities, business, etc.

Data gathering techniques used in the (Software Development Lifecycle) SDLC.

2.1.2 Feasibility Study

The measure of how beneficial or practical the development of informant system will be to an organization. along this topic feasibility is measured. So far taking the feasibility study and feasibility analysis during the development of the project food Ordering system we have studied on the following four major categories of feasibility study .

- **Operational feasibility :** Operational feasibility is the measure of how well a proposed system solves the problems, and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development.

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- **Technical feasibility** : A technical feasibility study assesses the details of how you intend to deliver a product or service to customers. Think materials, labour, transportation, where your business will be located, and the technology that will be necessary to bring all this together.
- **Schedule Feasibility** : Schedule Feasibility is defined as the probability of a project to be completed within its scheduled time limits, by a planned due date. If a project has a high probability to be completed on-time, then its schedule feasibility is appraised as high.
- **Economic feasibility** : the degree to which the economic advantages of something to be made, done, or achieved are greater than the economic costs: The state commissioned a report on the economic feasibility of a single-payer health system.

2.5 Data Flow Diagram (DFD)

DFD is an important tool used by system analysis. A data flow diagram model, a system using external entities from which data flows to a process which transforms the data and create output data transforms which go to other processes or external entities such as files. The main merit of DFD is that it can provide an overview of what data a system would process.

SYMBOLS

- A Circle represents a process that transforms incoming data flow into outgoing data flows
- A Square defines a source or destination of system data
- An Arrow identifies data flow direction. It is the pipeline through which the information flows.
- An Open Rectangle is a data store, data at rest or a temporary repository of data.

Data flow diagram symbol



Data Flow – Data flow are pipelines through the packets of information flow.



Process : A Process or task performed by the system.



Entity : Entity are object of the system. A source or destination data of a system.



Data Store : A place where data to be stored.

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2.5.1 Context level DFD – 0 level

The context level data flow diagram (dfd) is describe the whole system. The (o) level dfd describe the all user module who operate the system. Below data flow diagram of online shopping site shows the two user can operate the system Admin and Member user.

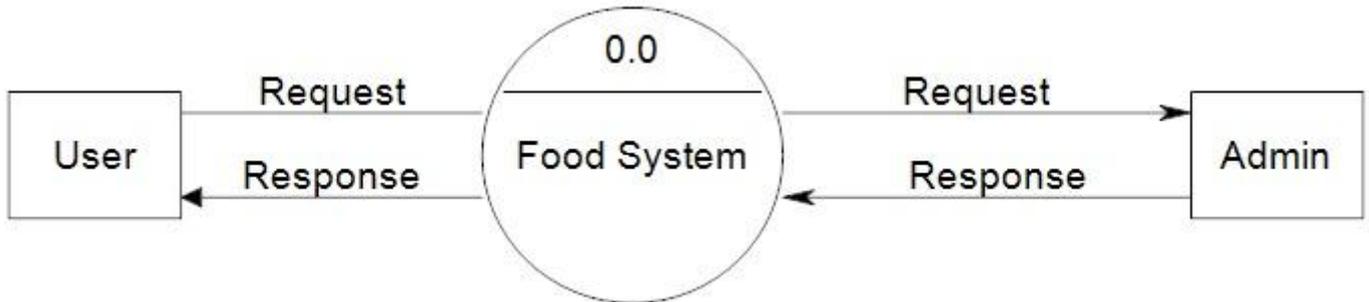


Fig. 2.5.1

Sample FOS Project Rex

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2.5.2 DFD 1 level

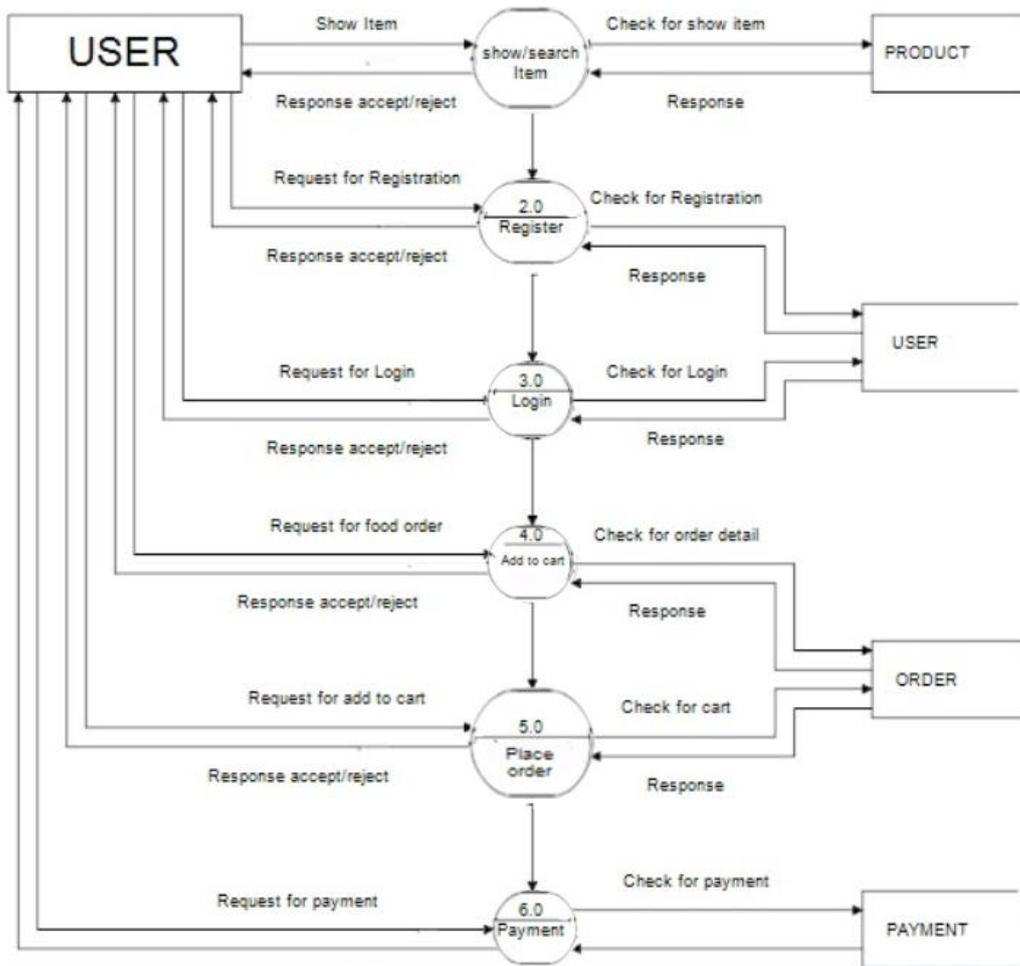
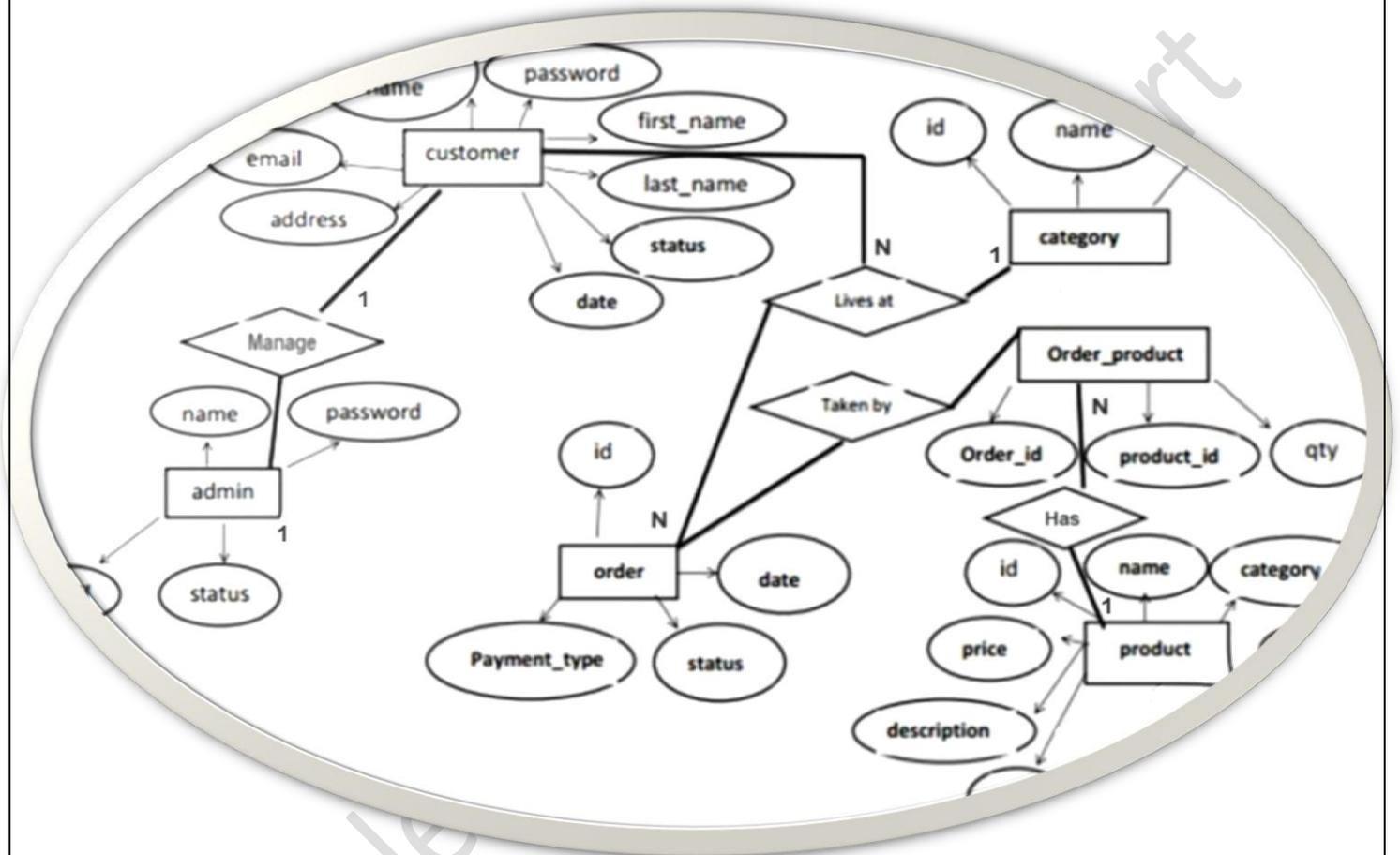


Fig. 2.5.2

Sample Text

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2.6 ER Diagram (sample Diagram Buy Now)

Fig. 2.6

2.6 Flow Chart

A flowchart is a type of diagram that represents a workflow or process. A flowchart can also be defined as a diagrammatic representation of an algorithm, a step-by-step approach to solving a task. The flowchart shows the steps as boxes of various kinds, and their order by connecting the boxes with arrows.

Flow Chart Symbol	Meaning	Explanation
	Start and end	The symbol denoting the beginning and end of the flow chart.
	Step	This symbol shows that the user performs a task. (Note: In many flow charts steps and actions are interchangeable.)
	Decision	This symbol represents a point where a decision is made.
	Action	This symbol means that the user performs an action. (Note: In many flow charts steps and actions are interchangeable.)
	Flow line	A line that connects the various symbols in an ordered way.

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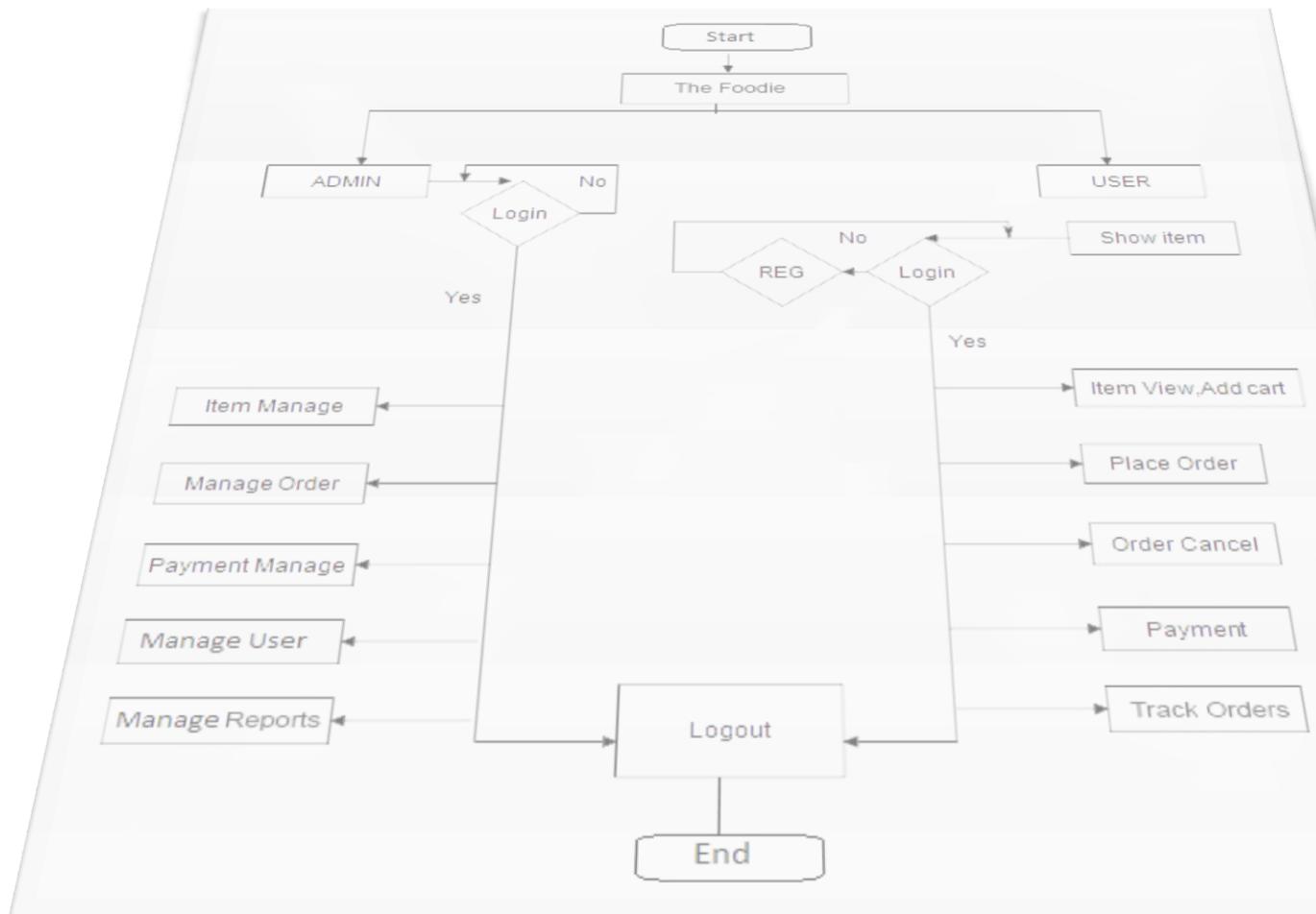


Fig. 2.6 (sample)

Chapter 3 System Design

3.1 Data Dictionary

A data dictionary, or metadata repository, as defined in the IBM Dictionary of Computing, is a "centralized repository of information about data such as meaning, relationships to other data, origin, usage, and format". Oracle defines it as a collection of tables with metadata.

Sample FOS Project Report