

**SHRI SHAMBHUBHAI V. PATEL COLLEGE OF COMPUTER
SCIENCE & BUSINESS MANAGEMENT**

Affiliated to

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT



A PROJECT REPORT ON

Easygift System

As a partial fulfillment for the degree of Bachelor of Computer
Application (B.C.A.)

Academic Year 2020-21

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Acknowledgement

The reason of completing the project work successfully is not just my We also like to thanks our all professor effort of many people. The people, who trusted me, and encourage me with every means. Guide is a person who provides you the direction towards success, so I feel great pleasure to express my gratitude to my guides, my faculty member as well as every person who helped me directly or indirectly with my project.

Success is such a comprehensive project can't have achieved single- handed. It is team effort that sails the ship to the coast. So we would like to express our sincere thanks to all the dignitaries who were involves in making this project the great joy and turning it our into successful piece of work.

I am also indebted to our professor **Prof. Dharni Gandhi** who provided constant encouragement, support & valuable guidance before and during our project. It was his effort who led me to this place for project work. His guidance and suggestion were invaluable.

Who are always ready to give best guide? They are the person who gives solution whenever needed.
Thank you,

Rupapara Parth Dayabhai.
Paghdhal Brijesh Jayantibhai.
Prajapati Vivek Parmeshwarbhai

Abstract

This project report is the final setup towards the completion of software development project undertaken at **shri shambhubhai v. Patel college of computer science & business management.**

As partial requirement for 6th semester of **BACHELOR OF COMPUTER APPLICATION (B.C.A)** at **VEER NARMAD SOUTH GUJARAT UNIVERSITY (VNSGU)**. This report provides a details insight into the development of software project done at shri shambhubhai v. Patel college of computer Science & business management, Easy Gift

This report contains a brief description about the project, its back end process, screens, testing, validation criteria, data-structure and system engineering requirements of the project are included. It also contains a small introduction of technology used to develop all these stuff.

Preface

Before taking the project work for foundation, it is quite necessary to have exact idea the work “PROJECT”. The project consists of seven letter has its own significance as follows.

❖ ‘P’- stands for PLANNING

- Planning is the word with idea of work proposed to be done as a fact; any work without the radar and compass.

❖ ‘R’- Implies RESOURCED

- Resources are the means which guide to promote the function of the plant, without suitable resources, a project can’t work satisfactorily. There must be all necessary resources in order to maintain good project work.

❖ ‘O’- Denotes OPERATION

- Operation is actually all the types of works which are promoted by the worker to complete the project.

❖ ‘J’- Stands for JOINTS EFFORTS

- It means that combine efforts of worker and other staff to complete the work.

❖ ‘E’-Denotes ENGINEERING FUNCTION

- Both the bodies i.e. planning and engineering bodies work together with engineering through there techniques for good production. All technical work is based on engineering function so it is very important.

❖ ‘C’-Signifies COMMUNICATION

- For execution of planning of plan, the communication is very necessary. The material required for project work can be brought when proper communication is available.

❖ ‘T’-Symbolizes TASK of working

- Task of working is Co-operation of the working body and control working body.

As a matter of fact, the work ‘**PROJECT**’ is used specially for construction purpose.

A project neither a physical objective, nor it is the result. It has somethings to do with going on between. A project is a combination of human and nonhuman resources pooled together in temporary organization to achieve the specific purpose.

Change is an essence of life and this applies to information technology too. Keeping in pace with the current market requirements is the major challenge computer word is facing. The need of the business world is to organize the data.

Just two decades back all the development in the world was determined by the electrical and electronic technocrats. Now the situation has changed sharply and decisively. Now a day it is the computer professionals who are holding the key to development. These people are involved in the development of new models from models from bicycles to launching of the space shuttles.

This project report is the final setup towards the completion of software development project undertaken at **SHRI SHAMBHUBHAI V. PATEL COLLEGE OF COMPUTER SCIENCE & BUSINESS MANAGEMENT**. as partial requirement for 6th semester of **Bachelor of computer application (B.C.A)** at **Veer Narmad South Gujarat university (VNSGU)**. This report contains a brief description about the project, its back-end process, screens, testing, validation criteria, data-structure and system engineering requirements of the project are included.

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1 Introduction

1.1 Project Profile

| | |
|---------------------------------|--|
| Project title | Easy gift |
| Technology | PHP , MySQL,ajax |
| Front End | HTML,CSS, bootstrap |
| Back End | MySQL, XAMPP (Cross-Platform (X), Apache (A), MySQL (IN), PHP(P)) |
| Project Definition Guide | Prof. Dharni Gandhi |
| Submitted to | Shri Shambhubhai V. Patel College Of Computer Science & Business Management. |
| Developed by | Rupapara Parth Paghdhal Brijesh Prajapati Vivek |
| Duration | 3 month |

1.2 Project Introduction

❖ Project Definition

- The gift suggestion system which is online platform, which provides one type of shop , which have display all type of gift product in India. It also used in emergency situation which have buy gift in near shop

❖ Feature

- Projects are categorized into product and subproduct for convenient browsing.
- Front page display for homepage. Front page featured all the information and latest product detail.
- All services work for customer.
- Customer is also login in the system.
- add to cart payment system for customer.
- Easy finds to nearby shop.

❖ Admin Panel Feature

- Admin have attractive dashboard
- Admin can manage seller
- Admin have attractive dashboard
- Admin can manage customer
- Admin have full access of the system
- Admin can add product category
- Admin can download report of seller and customer.
- Admin can give permission to seller
- Admin can disable seller

❖ Vendor Panel Feature

- Seller have attractive dashboard
- Seller can manage customer
- Seller can put their shop location
- Seller have easy way to selling product
- Seller have online transaction and cash on delivery
- Seller can download customer report

- Seller have add category wise gift product
- Seller can give pramotion of a customer.

❖ Customer side Feature:-

- Customer make The Gift Choice easier and comfortable
- Customer have the best suggestion of gift by their requirement
- Customer have nearby gift shop location to user.
- Customer have secure transaction.
- Customer have various category. And give a many other facility.

2 System Environment

2.1 Hardware Used

| | |
|-------------------------|--------------------------------------|
| Development time | 459 MB RAM, Intel Core i3 CPU |
| Run time | 256 MB RAM, Intel Core i3 CPU |

2.2 Software Used

| | |
|-------------------------|--|
| Browser | Microsoft Internet Explorer, Chrome, Mozilla and Google |
| Operating system | Windows 10,Ubuntu |
| Front END | Core PHP |
| Back END | MySQL server |
| Other Tools | Bootstrap, CSS, HTML, JavaScript, JQuery |

3 Problem Specification

3.1 Introduction, objective

- ✓ Online Easygift site which will allow merchants to advertise their goods on the internet And also customer can find the Gifts in nearby shops.
- ✓ The web portal will have an online interface in the form of an e-commerce website that will allow Customer to find appropriate gifts by their choice on nearby shop.
- ✓ A lot on our website. We work on the primary purpose of keeping our customers happy and joyful on their special days. Whatever the reason for the celebration, be it a birthday, wedding anniversary, festival or any other special occasion, your gifts should have the power to stun everyone.
- ✓ In that case, Easygift will never disappoint you because here we offer you the best gifts that can not only look stunning, but also express your feelings in an attractive way.
- ✓ When we take the comfort of choosing a present with a wide variety, the whole shopping experience will be delighted. Easygift gives you the freedom to choose the most suitable gift online for your loved ones.
- ✓ In India, many festivals are celebrated with much zeal and enthusiasm. To exchange the uniqueness and charm of these special occasions, people exchange gifts. With gifts, anyone can easily express what they want.
- ✓ Easygift understands what a gift mixes and therefore offers you a satisfying range of very exciting gifts online with exciting delivery options
- ✓ Prosperity to your loved one and best wishes of happiness by giving them a joyful bouquet. Choose the best and make your loved one look fantastic. The fragrant scent and freshness of the flowers can fill the surrounding hopes and endless joy. Other gift ideas are chocolates and cupcakes. We have included such delicious delights to delight those close to you in its sweetness. Buy a box of chocolates or cupcakes and offer it to someone who has a special place in your life.
- ✓ You can order gifts online for your parents, boyfriends-girlfriends, siblings, friends and any special person in your life who has a special place in your heart. To please your loved ones we have categorized every possible gift through relationships into every possible category. With Easygift, you can now send gifts online with complete ease by choosing the right gift for the right one at an affordable price.

• **Gifts for father and mother**

- ✓ There is always a special moment in your life when you want your parents to feel good. Then whether it's your father's birthday or Mother's Day, you can order gifts online for mom and dad and make them feel special. It will spell your love quickly and also give them the feeling of a vehicle.

• **Gifts for son and daughter**

- ✓ If you are looking for wonderful gifts for your children, take a look at our gifts for son and gifts for daughter category. This gift section includes some delicious delights such as heart-melting cakes, chocolates and cupcakes and other personalized gifts, loved by both. Check out some fantastic gifts!

• **Gifts for brother and sister**

- ✓ As a sister or brother, you always want to give something unique that can give you love and care for them quickly. So, Easygift has come up with a variety of gifts for the Brother and Sister category so you can buy something special for her or him.

- **Gifts for fiancs and fiancs**

- ✓ Easygift recently added this gift category to the website to provide a good shopping experience to the married person. With these fantastic gifts, you can give your relationship the right start

- **Gifts for husband and wife**

- ✓ Are you looking for a fantastic gift for your spouse? Browse the category of gifts for husband and wife and choose the right one. You know more about her tastes, preferences and interests. So, order the perfect and make him or her feel special with such an exciting gift. We have a special range of romantic gifts for hood bands and other series
- ✓ There are many websites available in the market that offer online gift distribution services in India. One of them is Easygift, the best and trusted gift portal, where you will experience our wide assortment of different types of gifts and based on personality, occasion and love relationships you can help you choose the perfect gift for your loved ones.
- ✓ Get Valentine's Day Gifts for girlfriend from Easygift. Online Easygift has always been focused on giving gifts, as we feel that gifts are the most important thing to all of us. It's really a tool to keep in touch with one another.
- ✓ Due to the busy schedule, it is not easy for all of us to talk to each other at this time and so we can take this opportunity by sending some gifts to our friends and family. We're here to help you order Valentine's Day gifts for your friends and neighbors. You can definitely send your loved ones with excellent Valentine's Day gifts, along with packs of gifts to enhance their fun at this festival.

❖ **Feature:-**

- ✓ Secure registration and profile management facilities for Customers.
- ✓ Browsing through the Online Gift Suggestion Shop to see the Gifts that are there in each category of products like birthday, gritting cards, Marriage Gifts etc.
- ✓ Finding the nearest Gift Shop to the customer that has available gift searched by customer.
- ✓ Customers should be able to mail the Shop about the items they would like to see in the Shop.
- ✓ Uploading Most Searched Gifts in each category of products in the Shop like birthday, gritting cards, Marriage Gifts etc.
- ✓ Suggesting the Gifts by the Special days and festivals like Diwali, Republic Day, Teachers Day, and Christmas etc.
- ✓ Providing merchants' to upload Gift information available in their shop.

❖ **Objective:-**

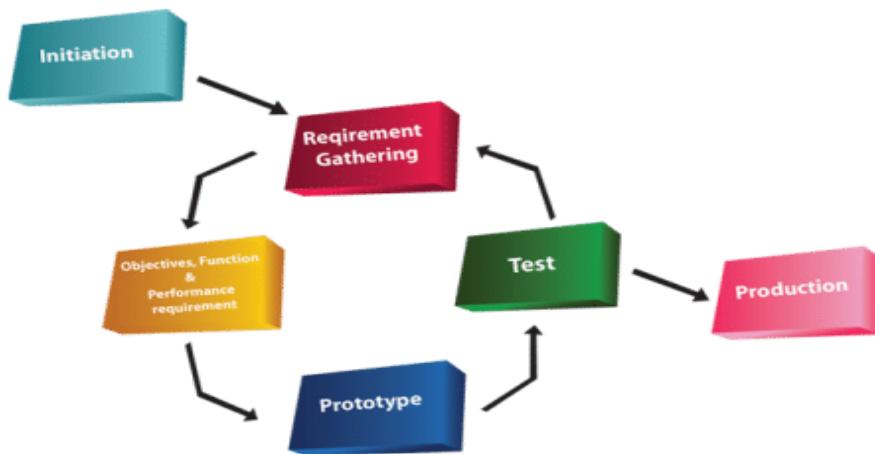
- ✓ To serve the customers without wasting their precious time
- ✓ To give the best suggestion of gift by their requirement
- ✓ To give the nearby gift shop location to user

3.2 System Model

- ✓ In Development of software the working model plays important role that is “Prototype Working Model”. Prototype is considered as a development methodology. It is an engineering inspired approach to system development. In which development life cycle the working model of the proposed system is created, tested and reworked until a finally prototype working model is available and by using finally prototype working model one can develop a new system.

❖ Prototype Model

- ✓ In this Prototype Model before designing phase, a prototype is developed, tested, reviewed and approved by the customer, after that design will be ready for coding, testing, installation and maintenance will take place.
- ✓ By using this prototype, customer can understand the requirements of desired system and also the customer can get an “actual feel” of the system. It is an attractive idea for complex and bigger systems.



3-1 prototype model

- ✓ This Prototype Model is same as waterfall model, but in this model we need to develop prototype and customer interaction will be there. Since there is customer interaction there will be less chance of rejection.

❖ When to use Prototype model:

- ✓ Whenever the customer not clears about the requirement in this situation we generally go for prototype model.
- ✓ If it is complex project, then prototype model makes clear understand the requirement.

❖ Advantages of using Prototype Model:

- ✓ This model is flexible in design.

- ✓ It is easy to detect errors.
- ✓ We can find missing functionality easily.
- ✓ There is scope of refinement; it means new requirements can be easily accommodated.
- ✓ It can be reused by the developer for more complicated projects in the future.
- ✓ It ensures a greater level of customer satisfaction and comfort.
- ✓ It is ideal for online system.
- ✓ It helps developers and users both understand the system better.
- ✓ Integration requirements are very well understood and deployment channels are decided at a very early stage.
- ✓ It can actively involve users in the development phase.

❖ Disadvantages of using Prototype Model:

- ✓ Customers sometimes demand the actual product to be delivered soon after seeing an early prototype.
- ✓ There may be sub-optimal solutions because of developers in a hurry to build prototypes.
- ✓ Customers may not be satisfied or interested in the product after seeing the initial prototype.
- ✓ There is certainty in determining the number of iterations.
- ✓ There may be incomplete or inadequate problem analysis.

3.3 Feasibility study

- ✓ All projects are feasible – provided that unlimited resources and infinite time. But in the real world that can be bare minimum. Especially computer-based systems are likely to be bounded by the limited resources as well time. Feasibility and risk analysis is related in many ways. If the project risk is great, then feasibility of producing quality software reduced.
- ✓ During system engineering, we concentrated our attention on three primary areas of interest...

3.3.1 Economic Feasibility

- ✓ Economic feasibility is a kind of cost-benefit analysis of the examined project, which assesses whether it is possible to implement it. This term means the assessment and analysis of a project's potential to support the decision-making process by objectively and rationally identifying its strengths, weaknesses, opportunities and risks associated with it, the resources that will be needed to implement the project, and an assessment of its chances of success. It consists of market analysis, economic analysis, technical and strategic analysis.
- ✓ A well-designed feasibility study should provide a historical background of the business or project, a description of the product or service, accounting statements, details of the operations and management, marketing research and policies, financial data, legal requirements and tax obligations.
- ✓ A feasibility study evaluates the project's potential for success; therefore, perceived objectivity is an important factor in the credibility of the study for potential investors and lending institutions.

3.3.2 Technical Feasibility

- Developers of computer-based systems are optimists by nature. During an evaluation of technical feasibility, a cynical, if not pessimistic, attitude should prevail. Misjudgement at this stage can be disastrous.

❖ **The technical issues during the analysis generated were....**

- ✓ What are the hardware and software requirements for the proposed system was the first major issue of the discussion?
- ✓ Windows 8 operating system was used.
- ✓ All hardware support required for the development of the system.
- ✓ So, technically the development of the system was feasible.
- ✓ Among the most important issues in feasibility study is ‘cost benefit analysis’, an assessment of the economic justification for a computer based system project. The cost involved in designing and developing a system should be a good investment for the organization. The financial benefits must be justified by the cost.

- ✓ The financial and economic issues raised during preliminary investigation are as follows...
- ✓ Cost of conducting system study and investigation is justified since the system development is in-house.
- ✓ There is no extra cost of hardware, as it already exists sufficiently.

- ✓ Thus, looking towards the advantages of the system and also the system constraints, it seems that it is feasible to develop the system using the existing resources.
- ✓ When a project is undertaken its economic and financial gains and losses have to be considered i.e. whether the organization can support the cost incurred during the development of the project. This is known as economic feasibility. The tangibles and intangible benefits were considered. Taking these factors into consideration a Cost Benefit Analysis was carried out for evaluating the proposed system.

3.3.3 Behavioural Feasibility

- ✓ Behavior is process of thoughts; the action what inner body is acting will be reacting in front of us. By definition customer behavior is to know about the customer's way to obtain, use and dispose products. It's important for marketing to know the customer behavior by using different strategies. There are so many different ways to influence customers like new products, promotions, advertisement.

4 Risk Identification and management

4.1 Risk Monitoring

- ✓ After gathering basic requirement, feasibility study and studying functionality of proposed system, we assessed collected project data for possible risks and found possible risks and found following possible risks for project.

4.2 Risk Chart

| Possible Risks | Risk Management Techniques |
|---|--|
| Team Culture. | Needs team building ,morale building and work to be distributed Among the team members. |
| Project might suffer from lack of schedule due to possible breaks in schedule caused by other activity like seminar preparation and more time consume for requirement gathering etc. | Needs schedule estimation; proper time management required |
| Developing the wrong software functions. | Organizational analysis; mission Analysis; opps-concept formulation. |
| As all team members are not much experienced in professional software development, our team might have difficulties in building elegant Solution. | We are trying to study more and more professionally developed tracking systems so we can include Maximum features. |
| Technology will not meet expectation. | Exploring alternatives for the Outdated technologies. |
| Lack of training on tools and inexperienced. | Providing adequate training that is necessary for the completion of the Project. |
| Customer requirements any change. | A new prototype will replace the previous one to accommodate the Change. |

5 Technology Used for Development

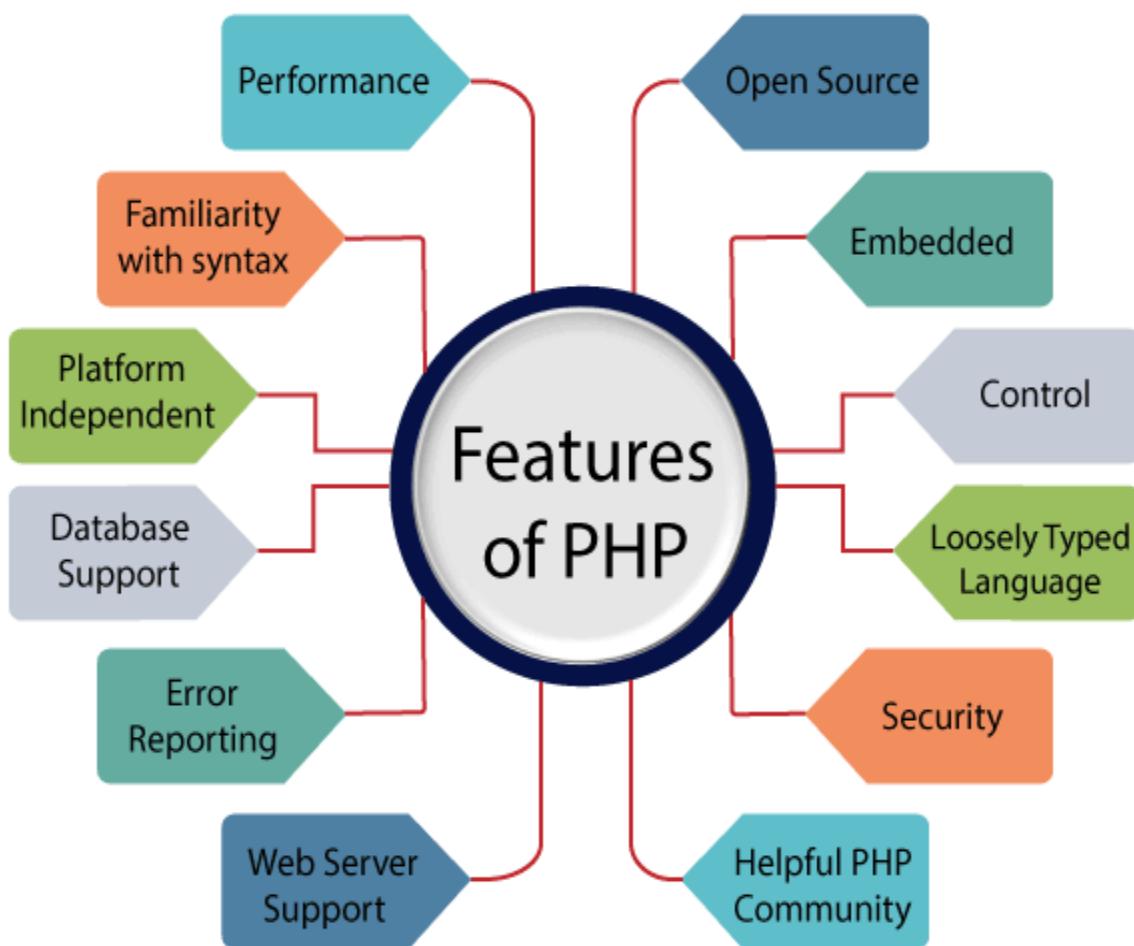
5.1 Technology Used

❖ Overview of Core PHP

- Core PHP is a very basic PHP. It's used to produce dynamic web content. It works without any further library. Thus it's important to learn core or principle PHP programming to make dynamic web applications. You'll see additional regarding PHP from the official website of PHP hypertext Pre-processor.
- PHP is often used on all main operation systems, as well as UNIX, several Unix variants (including HP-UX, Solaris, and OpenBSD), Microsoft Windows, Mac OS X, RISC OS, and doubtless others. PHP has also held up for many of the web servers currently. This includes Apache, IIS, and plenty of others. And this includes any web server that may utilize the quick CGI PHP binary. PHP works as either a module or as a CGI processor.
- PHP is a well-liked server-side scripting language for the web. Typically PHP is used to feature practicality to websites that HTML alone cannot reach.

❖ Core php Features

- The main features of php is; it is open source scripting language so you can free download this and use. PHP is a server site scripting language. It is open source scripting language. It is widely used all over the world. It is faster than other scripting language.



5-1 Php features

❖ Performance:

- PHP script is executed much faster than those scripts which are written in other languages such as JSP and ASP. PHP uses its own memory, so the server workload and loading time is automatically reduced, which results in faster processing speed and better performance.

❖ Open Source:

- PHP source code and software are freely available on the web. You can develop all the versions of PHP according to your requirement without paying any cost. All its components are free to download and use.

❖ Familiarity with syntax:

- PHP has easily understandable syntax. Programmers are comfortable coding with it.

❖ Embedded:

- PHP code can be easily embedded within HTML tags and script.

❖ Platform Independent:

- PHP is available for WINDOWS, MAC, LINUX & UNIX operating system. A PHP application developed in one OS can be easily executed in other OS also.

❖ Database Support:

- PHP supports all the leading databases such as MySQL, SQLite, ODBC, etc.

❖ Error Reporting:

- PHP has predefined error reporting constants to generate an error notice or warning at runtime. E.g., E_ERROR, E_WARNING, E_STRICT, E_PARSE.

❖ Loosely Typed Language:

- PHP allows us to use a variable without declaring its data type. It will be taken automatically at the time of execution based on the type of data it contains on its value.

❖ Web servers Support:

- PHP is compatible with almost all local servers used today like Apache, Netscape, Microsoft IIS, etc.

❖ Security:

- PHP is a secure language to develop the website. It consists of multiple layers of security to prevent threads and malicious attacks.

❖ Control:

- Different programming languages require long script or code, whereas PHP can do the same work in a few lines of code. It has maximum control over the websites like you can make changes easily whenever you want.

❖ A Helpful PHP Community:

- It has a large community of developers who regularly updates documentation, tutorials, online help, and FAQs. Learning PHP from the communities is one of the significant benefits.

❖ Overview of XAMPP:

- XAMPP stands for Cross-platform (x), Apache(A), MariaDB(M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create a local web server for testing and deployment purposes.
- It provides a solid and reliable foundation for building web application.

❖ XAMPP is a local web server:

- Which helps you to make the web application at your system and run at the browsers at local environment at your local machine?
- In your local machine you would need to use specially Apache server and MySQL.
- That will be enough to make a web application and test it your local server, and later you can shift this code to the live server.
- For using XAMPP at your local computer follow the steps given below.

❖ Install XAMPP at your computer:

- Install and IDE like Net Beans to develop your code project.
- Now create project and write your code and make an application.

❖ Now start your XAMPP server:

- You are ready to run your project. Run your project at browser.

❖ Overview of MySQL:

- The MySQL pluggable storage engine architecture enables a database professional to select a specialized storage engine for a particular application need while being completely shielded from the need to manage and specific application coding requirements. The MySQL server architecture isolates the application programmer and DBA from all of the low-level implementation details at the storage level, providing a consistent and easy application model and API. Thus, although there are different capabilities across different storage engines. The application is shielded from these differences.

❖ Features of MySQL

- Relational Database System:
- ✓ Like almost all other database systems on the market, MySQL is a relational database system.

➤ Server Architecture:

- ✓ MySQL is a Client/Server system. There is a database server (MySQL) And arbitrarily many Clients (Application Programs), which communicate with the server that is, they query data, save changes, Etc. The clients can run on the same computer as the server or on another computer (Communication via a local network or the internet).

➤ SQL Compatibility:

- ✓ MySQL supports as its database language - as its name suggests –SQL (Structured Query Language).SQL is a standardized language for querying and updating data and for the administration of a database. There are several SQL dialects (About as many as there are database systems). MySQL adheres to the current SQL standard (At The Moment SQL:2003), Although with significant restrictions and a large number of extensions

➤ Stored Procedures:

- ✓ Here we are dealing with SQL code that is stored in the database system. Stored procedures (Saps for Short) are generally used to simplify certain steps, such as inserting or deleting a data record. For client programmers this has the advantage that they do not have to process the tables directly, but can reply on Saps. Like views, Saps help in the administration of large database projects. Saps can also increase efficiency. MySQL has supported saps since version 5.0.

➤ Foreign Key Constraints:

- ✓ These are rules that ensure that there are no cross references in linked tables that lead to nowhere. MySQL supports foreign key constraints for InnoDB tables.

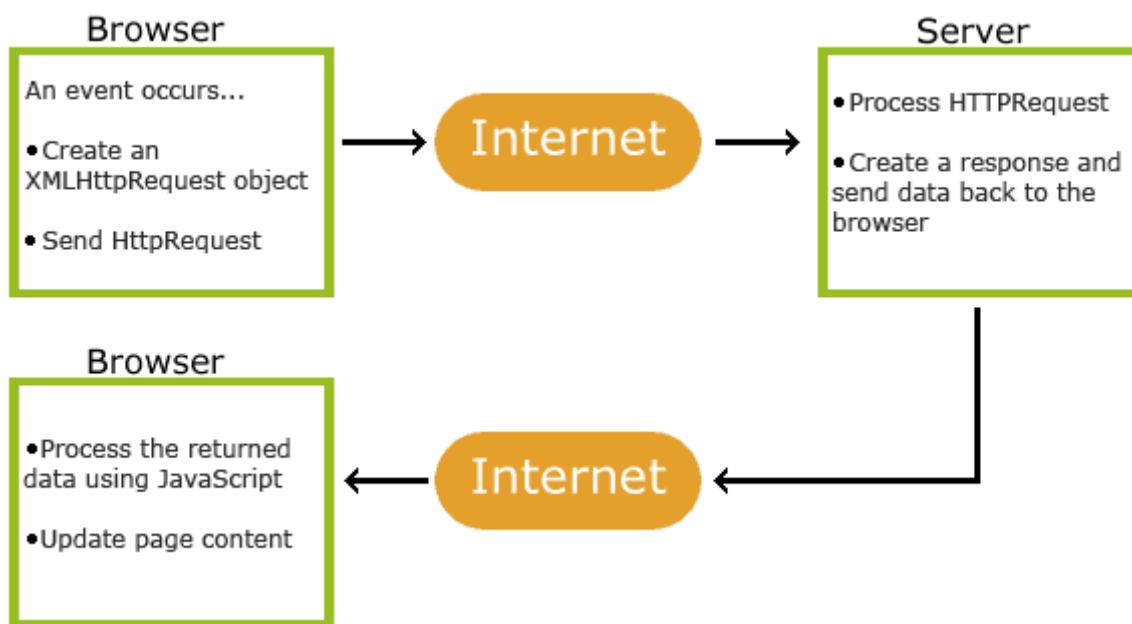
➤ Platform Independence:

- ✓ It is not only client applications that run under a variety of operating systems MySQL itself (That Is, The Server) can be executed under a number of operating systems. The most important are apple Macintosh OS X, Linux, Microsoft Windows, And the countless UNIX variants, Such as AIX, BSDI, Free BSD, HP-UX, Open BSD, Net BSD, SGI Iris, And Sun Solaris.

❖ Overview of Ajax:-

- ✓ **AJAX** is a technique for creating fast and dynamic web pages. **AJAX** allows web pages to be updated asynchronously by exchanging small amounts of data with the server behind the scenes. This means that it is possible to update parts of a web page, without reloading the whole page.

❖ How Ajax Works:-



5-2 Ajax work

❖ Features of Ajax

- ✓ User Friendly
- ✓ It make web page faster.
- ✓ Independent of server technology.
- ✓ Increase the Performance of web page.
- ✓ Support for Live data binding
- ✓ Support for the Data View control
- ✓ Support for Client-side template rendering

- ✓ Rich and, responsive user interfaces
- ✓ Reduced consumption of server resources
- ✓ No need to pushing on a submit button and reloading the complete website.
- ✓ No need to reload the whole page only some part of page is reloaded which is required to reload.
- ✓ Apart from obtaining the XMLHttpRequest object, all processing is same for all browser types, because JavaScript is used.
- ✓ Using Ajax develop faster and more interactive web applications.
- ✓ Not require to completely reload page due to this server use less bandwidth.

❖ JQuery

- ✓ jQuery is a lightweight, "write less, do more", JavaScript library. The purpose of jQuery is to make it much easier to use JavaScript on your website.
- ✓ jQuery takes a lot of common tasks that require many lines of JavaScript code to accomplish, and wraps them into methods that you can call with a single line of code.



5-3 jQuery

jQuery also simplifies a lot of the complicated things from JavaScript, like AJAX calls and DOM manipulation. The jQuery library contains the following features:

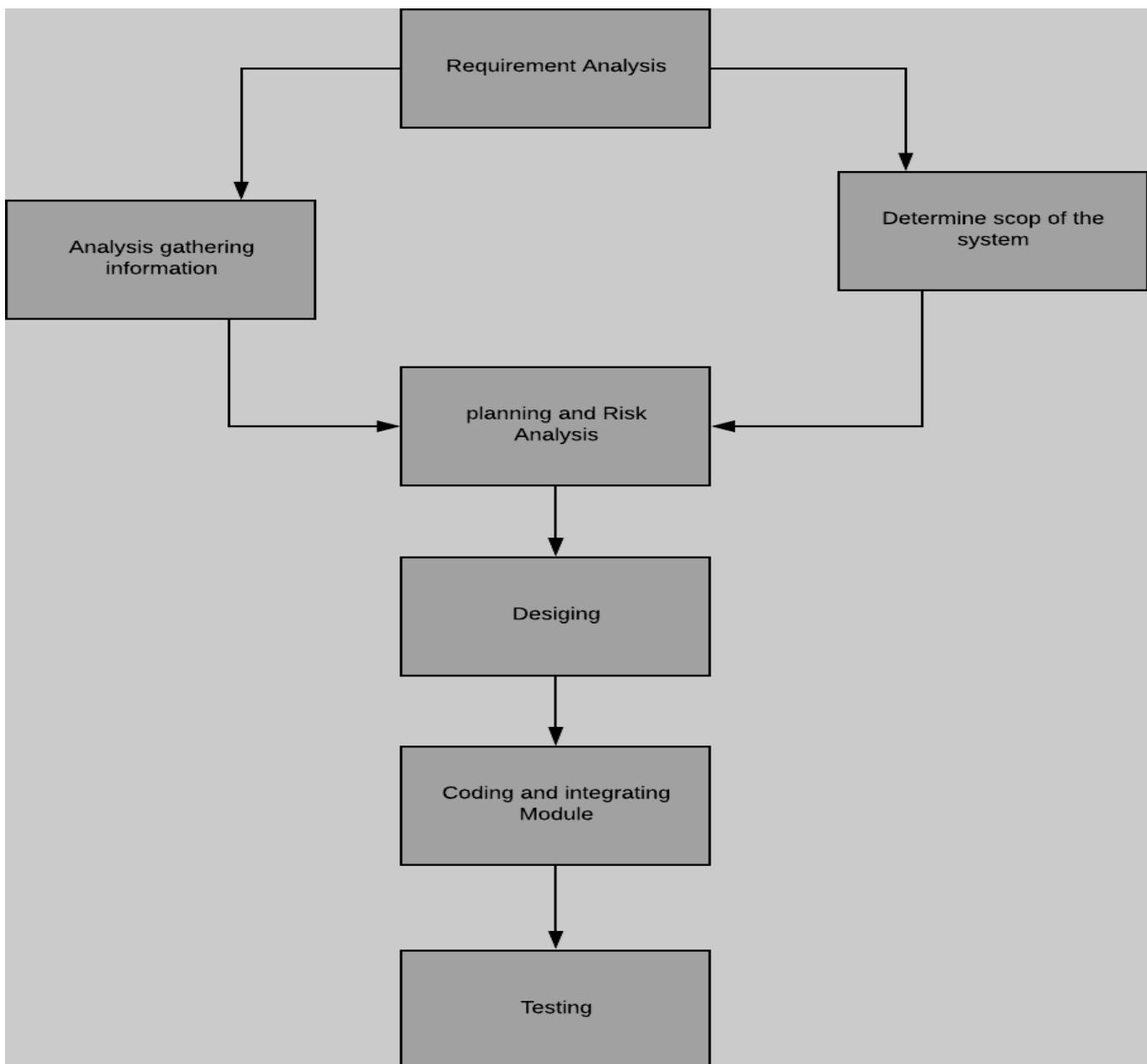
- ✓ HTML/DOM manipulation
- ✓ CSS manipulation
- ✓ HTML event methods
- ✓ Effects and animations
- ✓ AJAX
- ✓ Utilities

❖ Why jQuery?

- ✓ There are lots of other JavaScript libraries out there, but jQuery is probably the most popular, and also the most extendable. Many of the biggest companies on the Web use jQuery, such as:
- ✓ Google
- ✓ Microsoft

6 Planning

6.1 System Planning



6-1 System planing

6.2 Time Line Chart

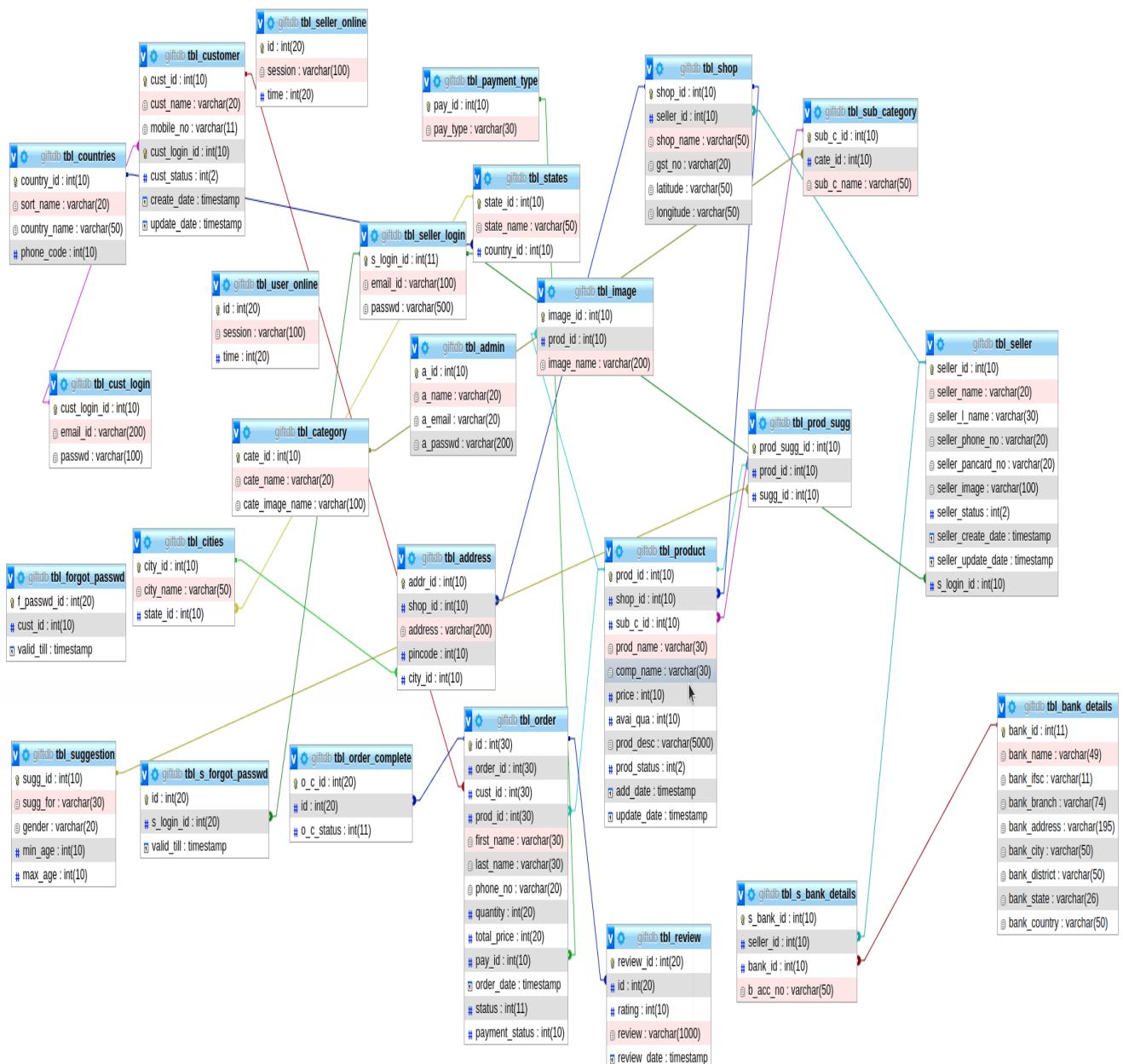
- ✓ When Scheduling of a software project is done, the planner begins with a set of tasks to be performed. If automated tools are used, the work breakdown is input as a task network or task outline. Effort, duration and start date are then input for each task. In addition, tasks may be assigned to specific individuals.
- ✓ As a consequence of this input, a Timeline Chart also called a Gantt chart is generated. A Gantt chart can be developed for the entire project as in our case my entire project duration is of size months. Thus developing a Gantt chart or Timeline Chart for Online paramedic auxiliary system of three months' duration which is as shown below.
- ✓ As per seen in the above Gantt chart, Project Tasks are listed in the left-hand side column. The horizontal bars indicate the duration of each task.
- ✓ When multiple bars occur at the same time on the calendar, task concurrency is implied. The diamonds indicate milestones.

| Week | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|------------------------------|----------|----|----|----|---------|---|----|----|----------|----|----|----|-------|----|----|----|-------|----|----|----|
| Date | 5 | 11 | 20 | 25 | 1 | 8 | 15 | 20 | 2 | 10 | 18 | 25 | 5 | 12 | 19 | 25 | 1 | 9 | 15 | 24 |
| Month | December | | | | January | | | | February | | | | March | | | | April | | | |
| Activity | | | | | | | | | | | | | | | | | | | | |
| Domain Under- standing | | | | | | | | | | | | | | | | | | | | |
| Further Analysis | | | | | | | | | | | | | | | | | | | | |
| Learning Process | | | | | | | | | | | | | | | | | | | | |
| Design | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | |
|----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | | | | |
| Coding | | | | | | | | | | | | | | | | | | | | |
| Testing | | | | | | | | | | | | | | | | | | | | |
| Docu- mentation | | | | | | | | | | | | | | | | | | | | |
| PPT | | | | | | | | | | | | | | | | | | | | |

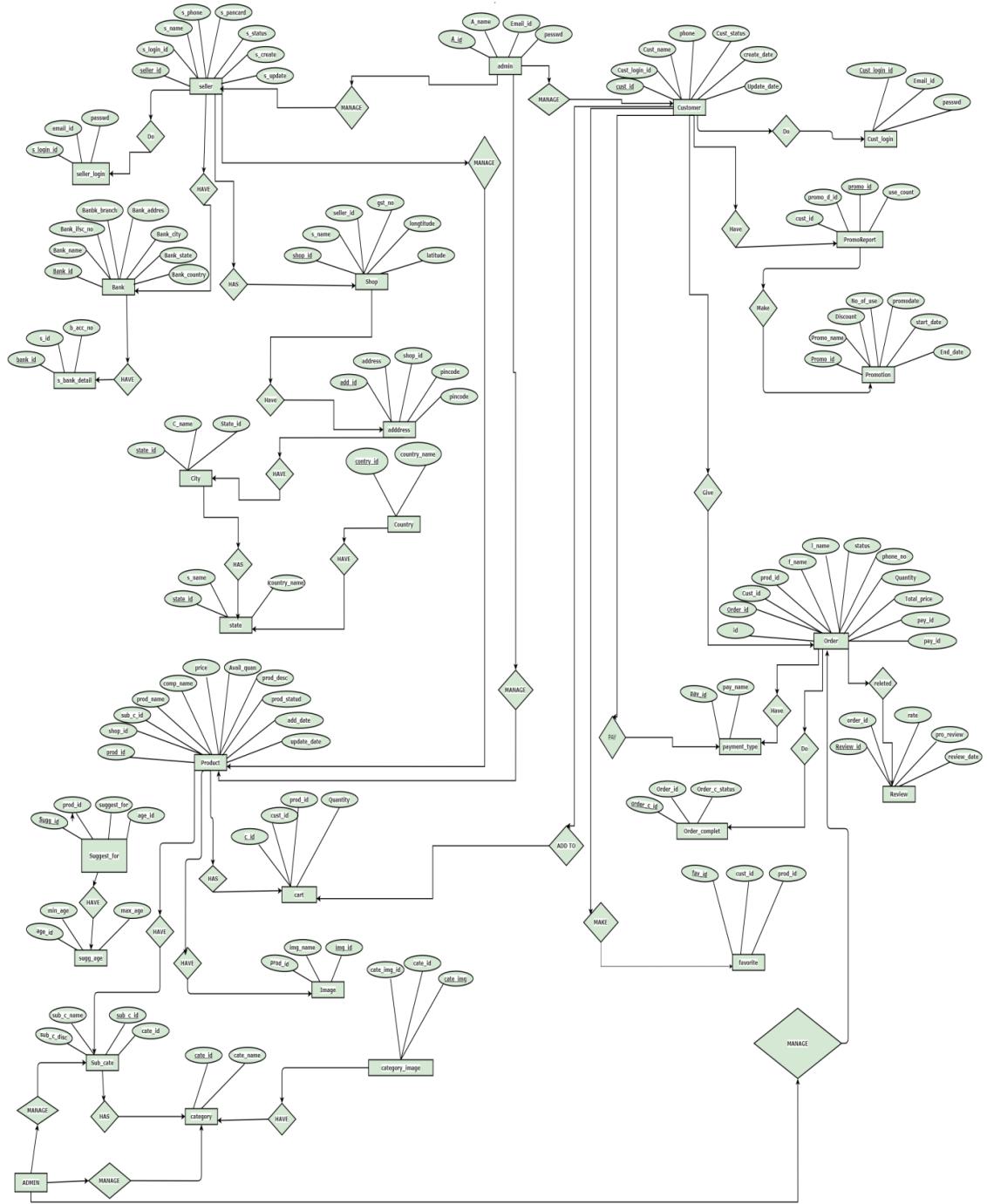
7 System Analysis

7.1 Database Design



7-1 Database Design

7.2 ER-Diagram



7-2 ER diagram

7.3 Data Flow Diagram

- ✓ Also known as DFD, Data flow diagrams are used to graphically represent the flow of data in a business information system. DFD describes the processes that are involved in a system to transfer data from the input to the file storage and reports generation.
- ✓ Data flow diagrams can be divided into logical and physical. The logical data flow diagram describes flow of data through a system to perform certain functionality of a business. The physical data flow diagram describes the implementation of the logical data flow.

❖ Symbols used in DFDs:

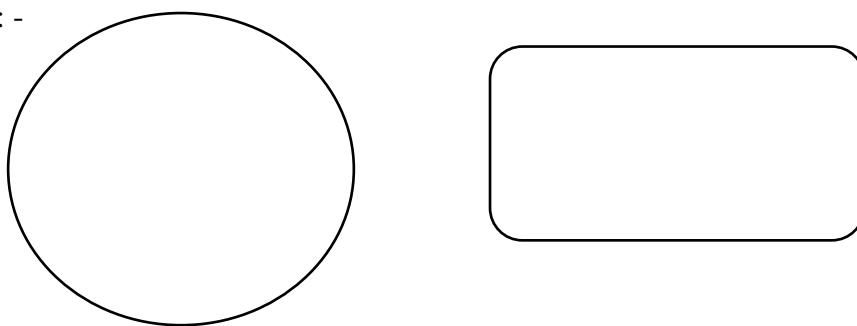
- **External Entity:**
- **Process:**
- **Data Store:**
- **Data Flow:**

➤ External Entity: -



- ✓ An outside system that sends or receives data, communicating with the system being diagrammed. They are the sources and destinations of information entering or leaving the system. They might be an outside organization or person, a computer system or a business system. They are also known as terminators, sources and sinks or actors. They are typically drawn on the edges of the diagram.

Process: -



- ✓ Any process that changes the data, producing an output. It might perform computations, or sort data based on logic, or direct the data flow based on business rules. A short label is used to describe the process, such as "Submit payment."

➤ Data Store: -



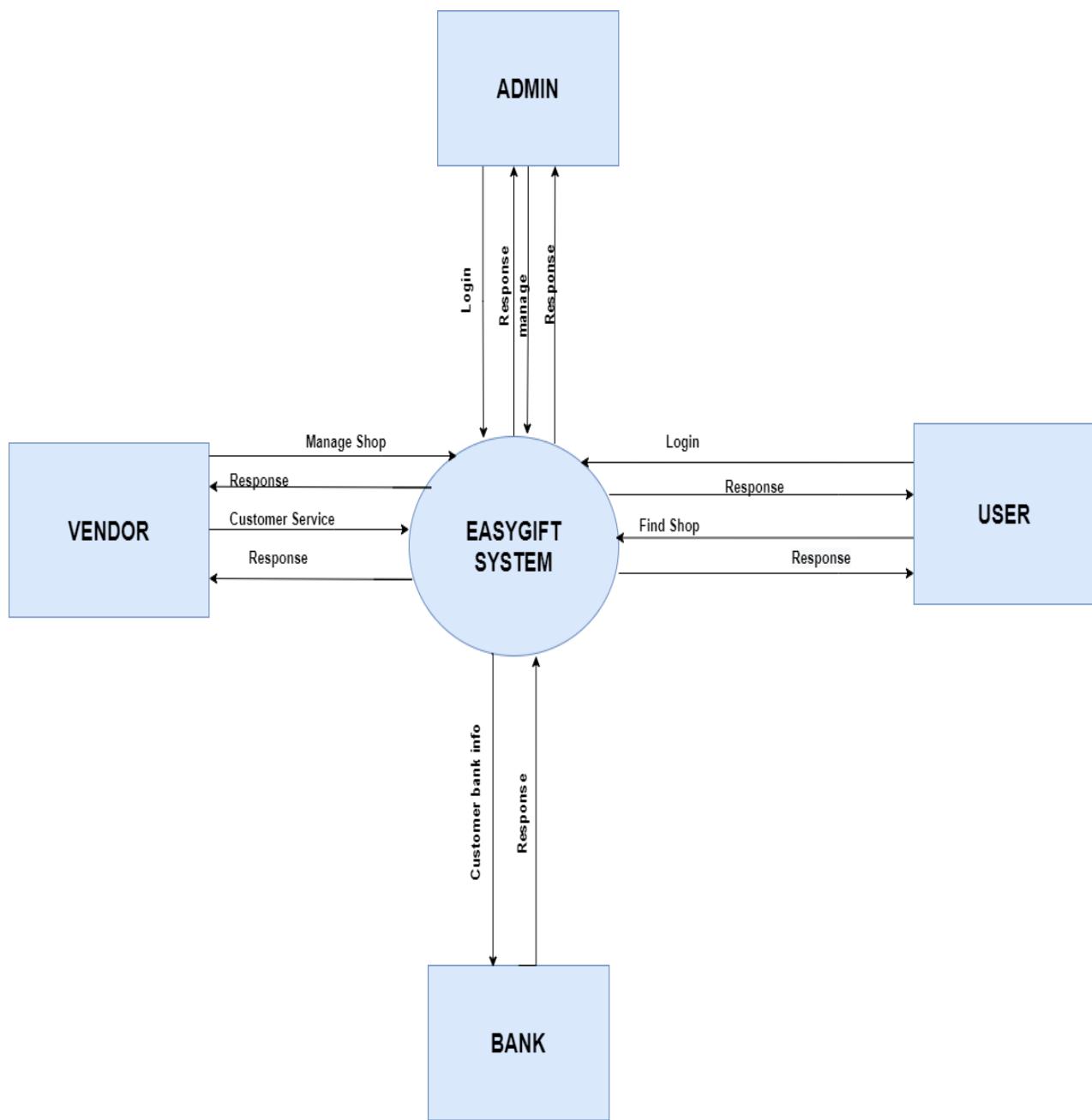
- ✓ Files or repositories that hold information for later use, such as a database table or a membership form. Each data store receives a simple label, such as “Orders.”

Data Flow: -



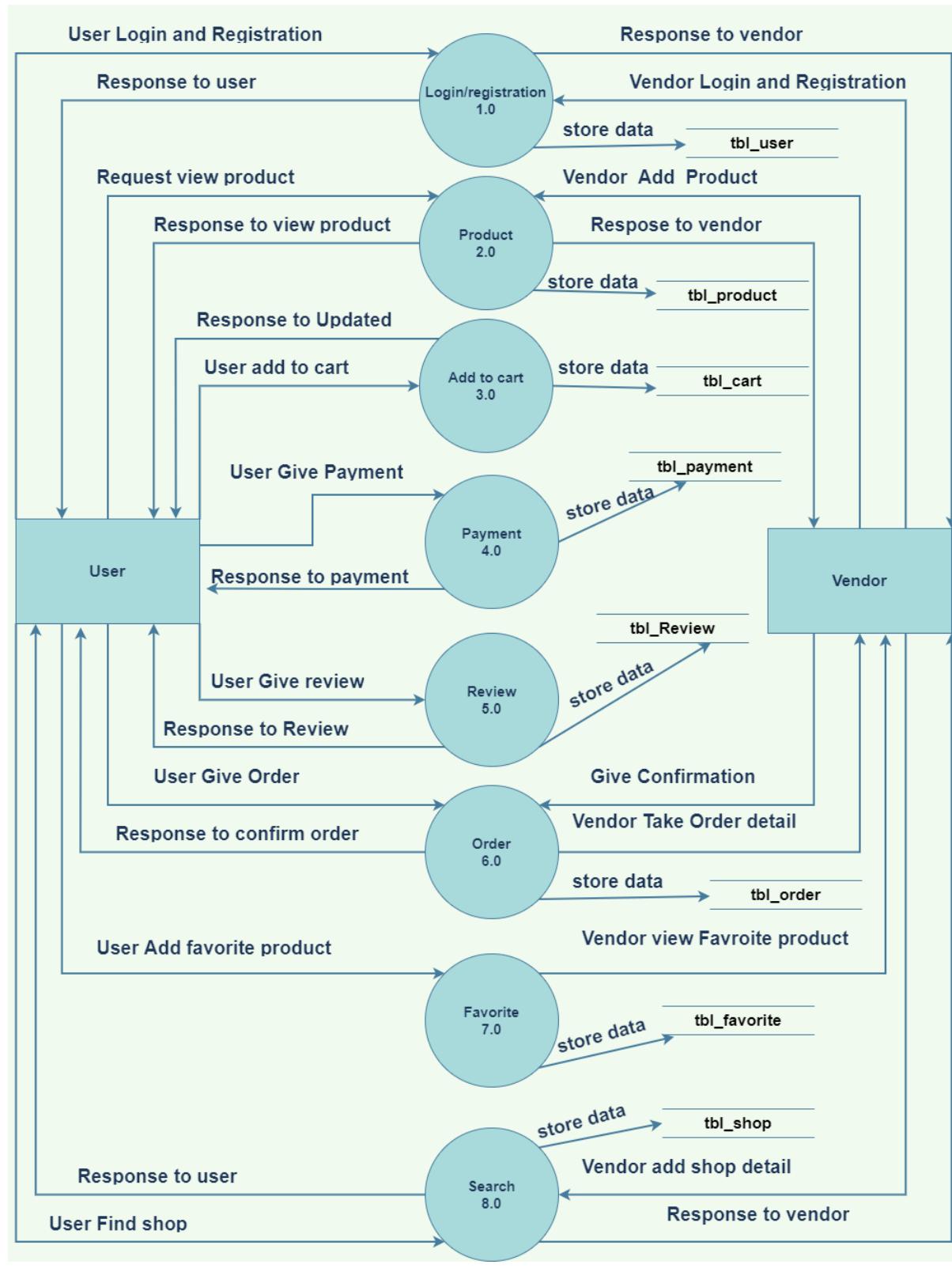
- ✓ The route that data takes between the external entities, processes and data stores. It portrays the interface between the other components and is shown with arrows, typically labeled with a short data name, like “Billing details.”

❖ CONTEXT LEVEL DFD



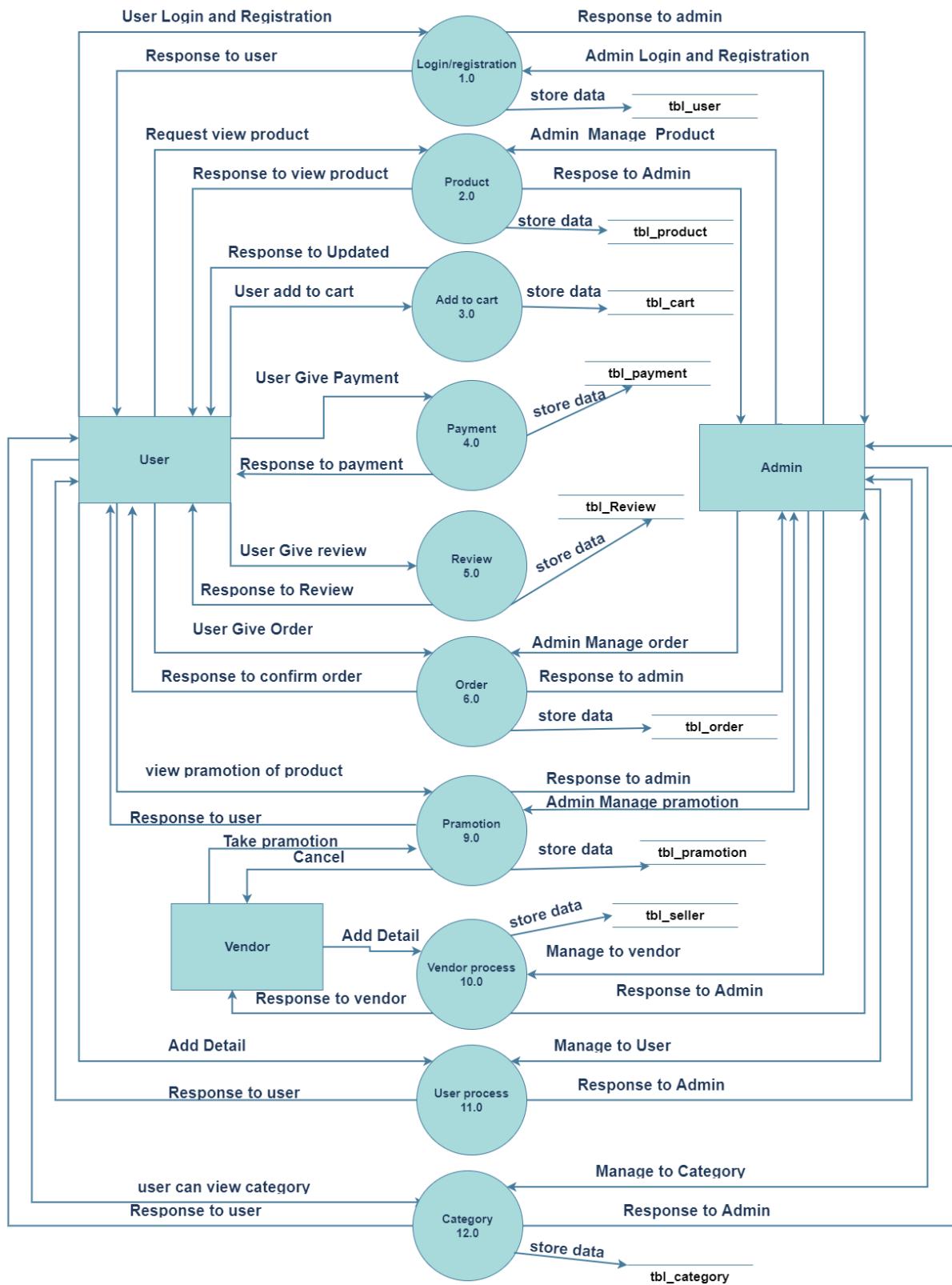
7-3 Context level DFD

❖ LEVEL 1 DFD For Vendor: -



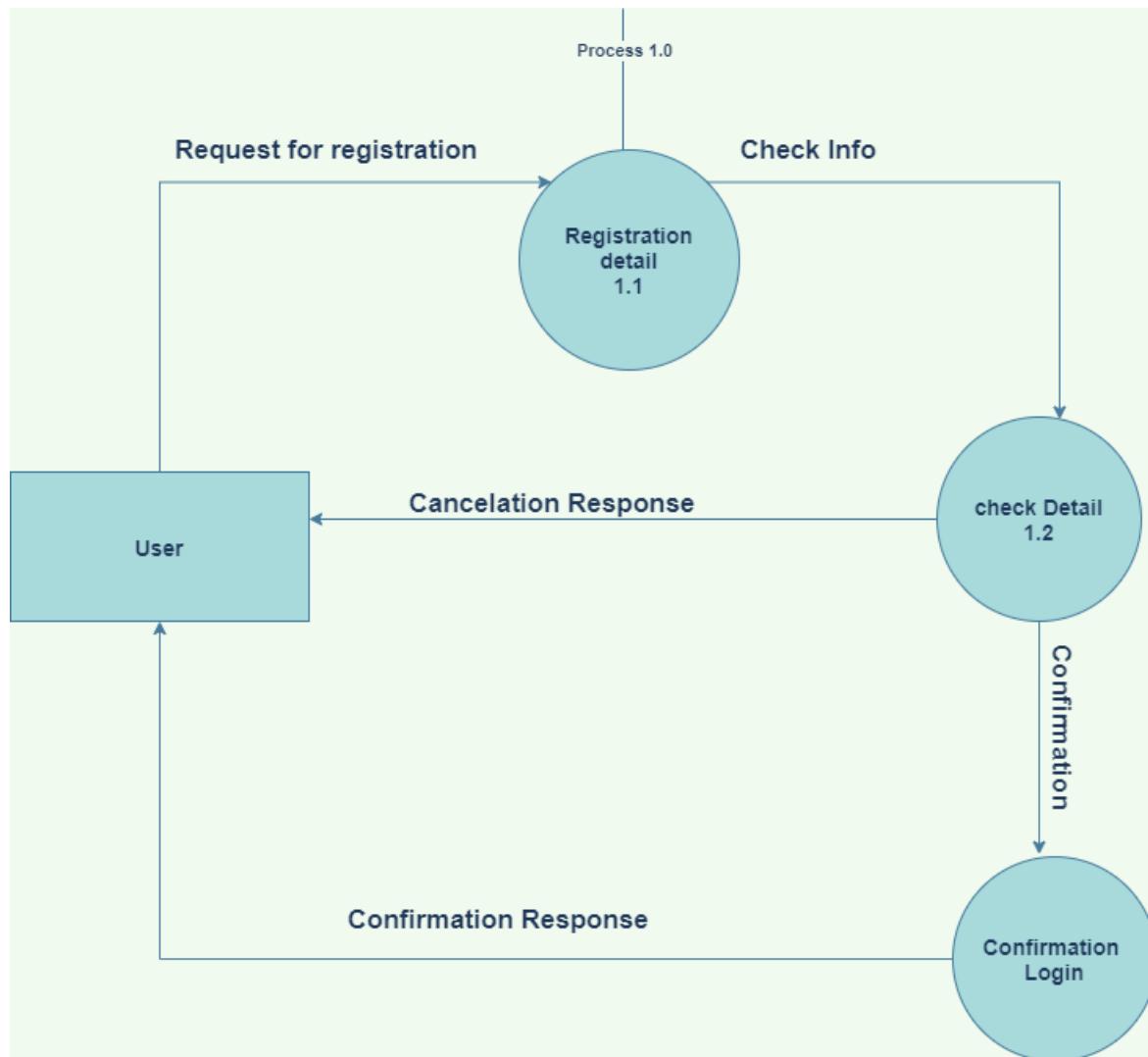
7-4 vendor 1st level DFD

❖ LEVEL 1 DFD For Admin: -



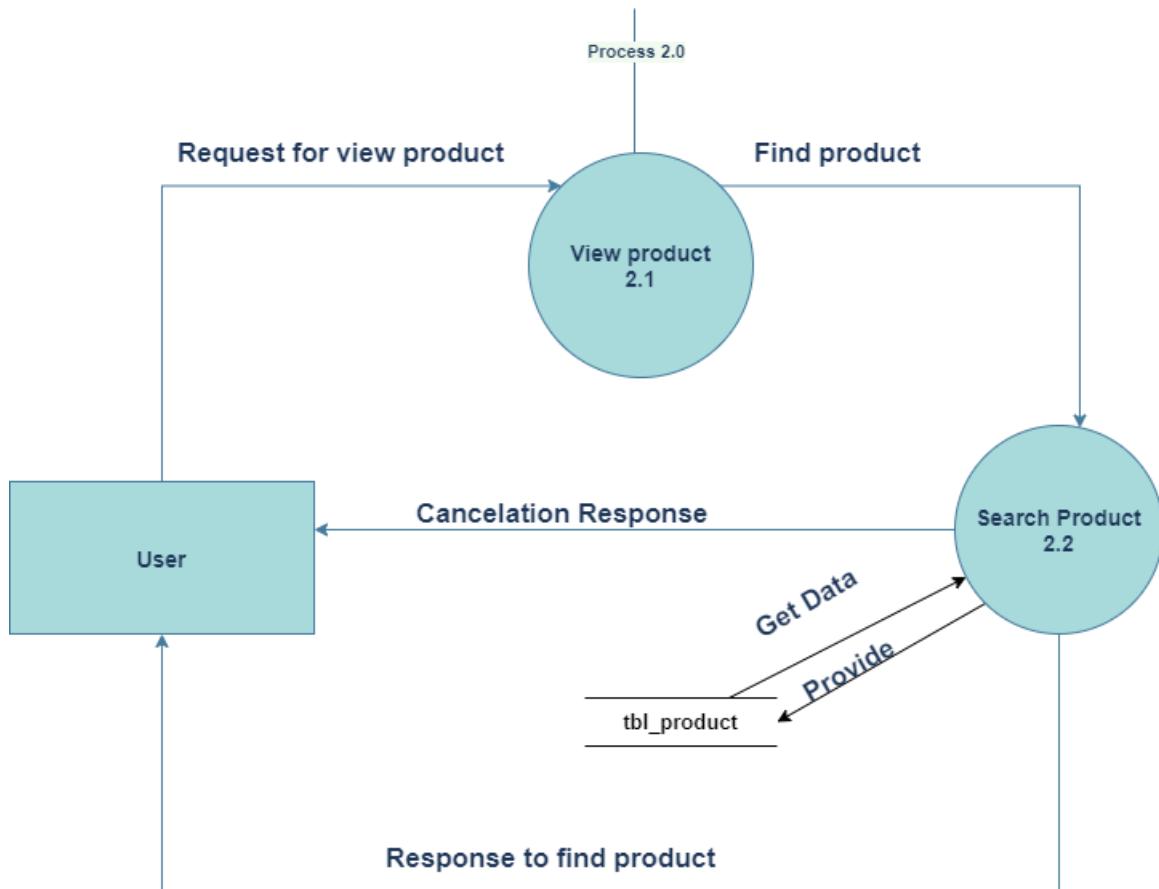
7-5 Admin first level DFD

❖ Level 2 DFD for Process 1.0:



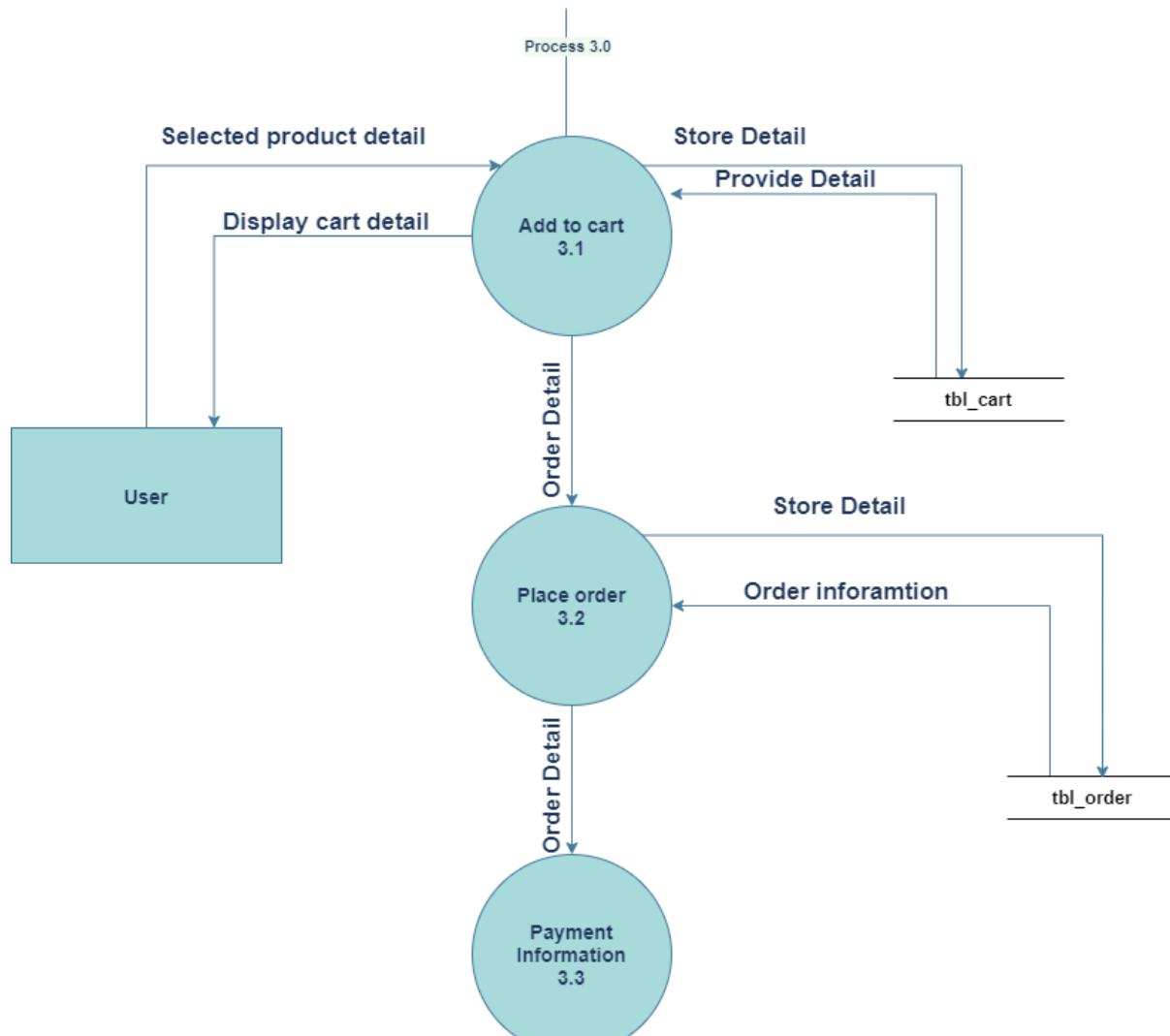
7-6 process 1

❖ Level 2 DFD for Process 2.0:

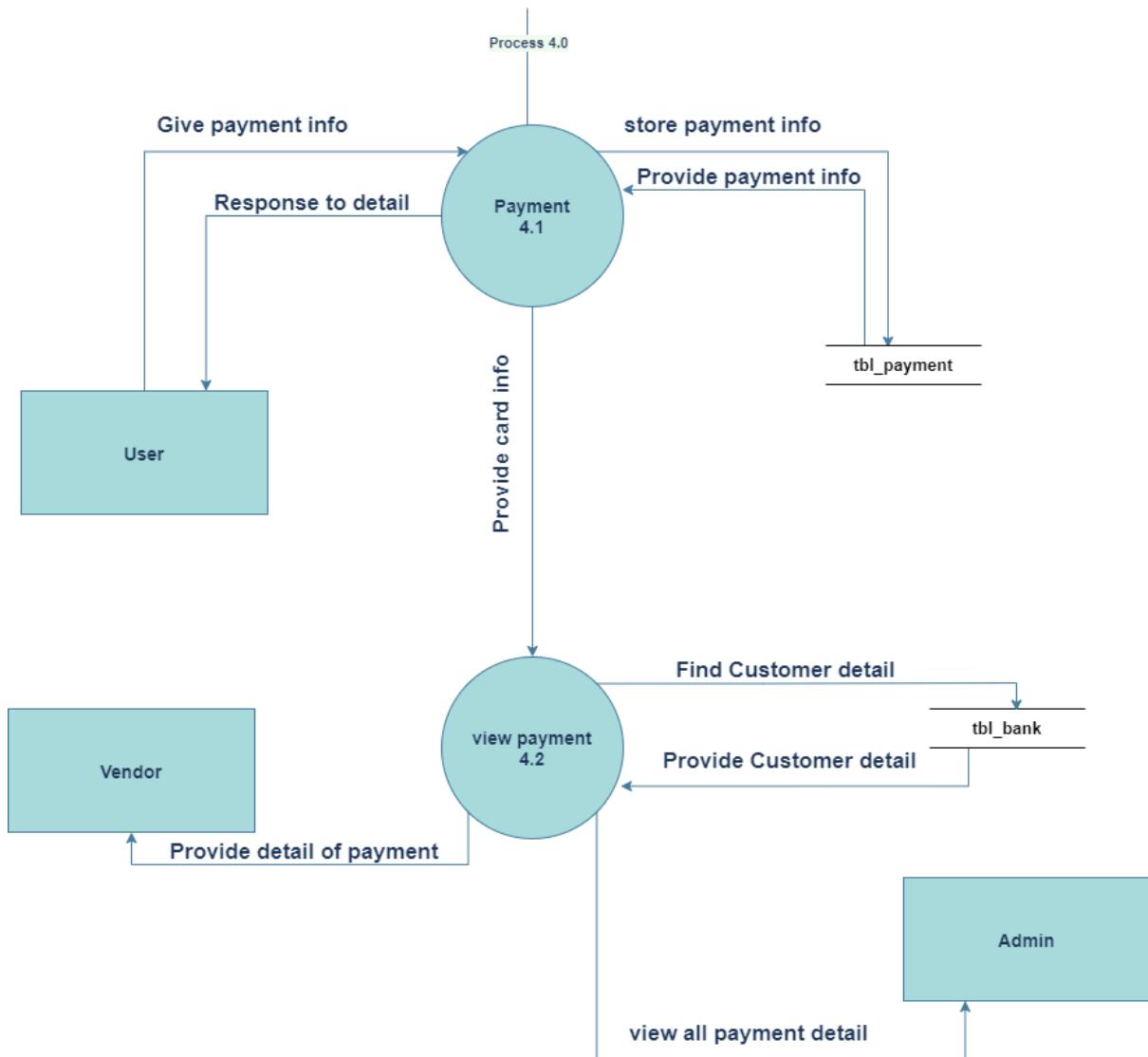


7-7 process 2

❖ Level 2 DFD for Process 3.0:

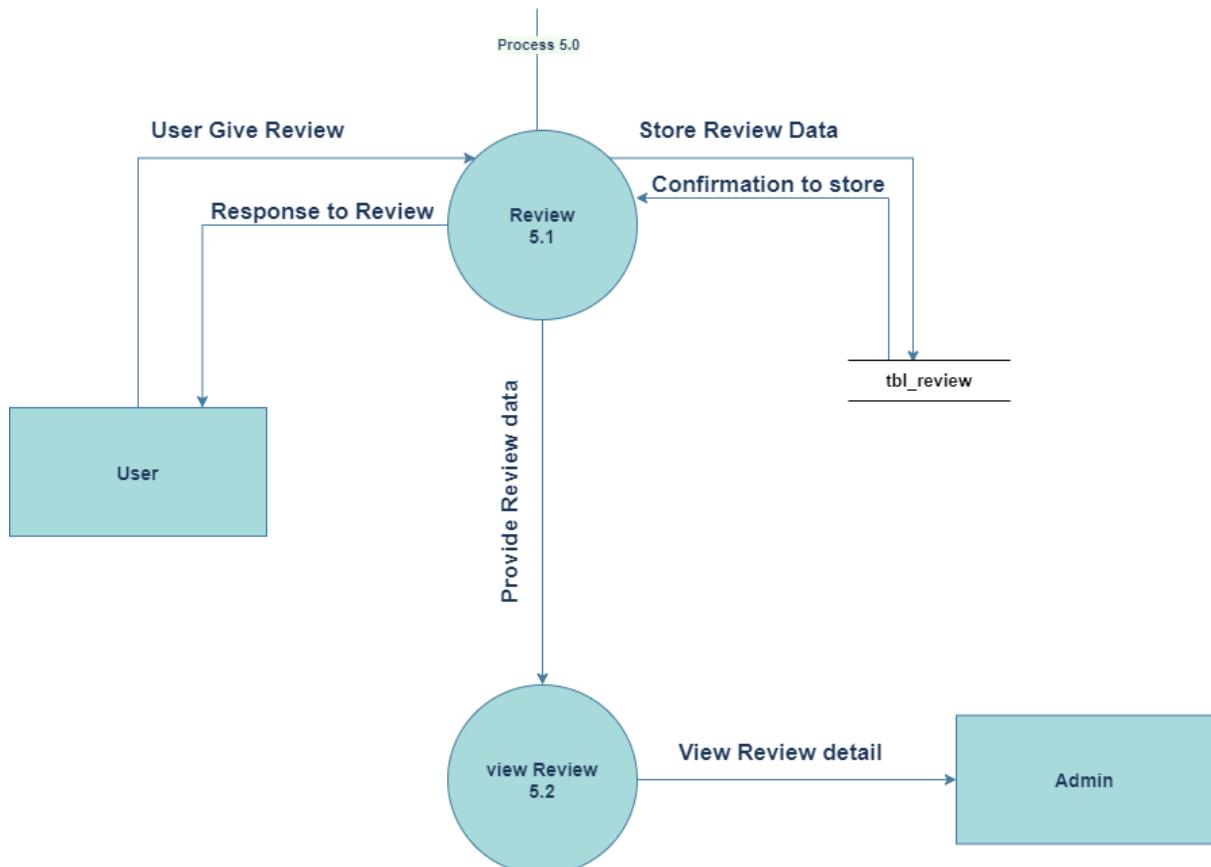


❖ Level 2 DFD for Process 4.0:

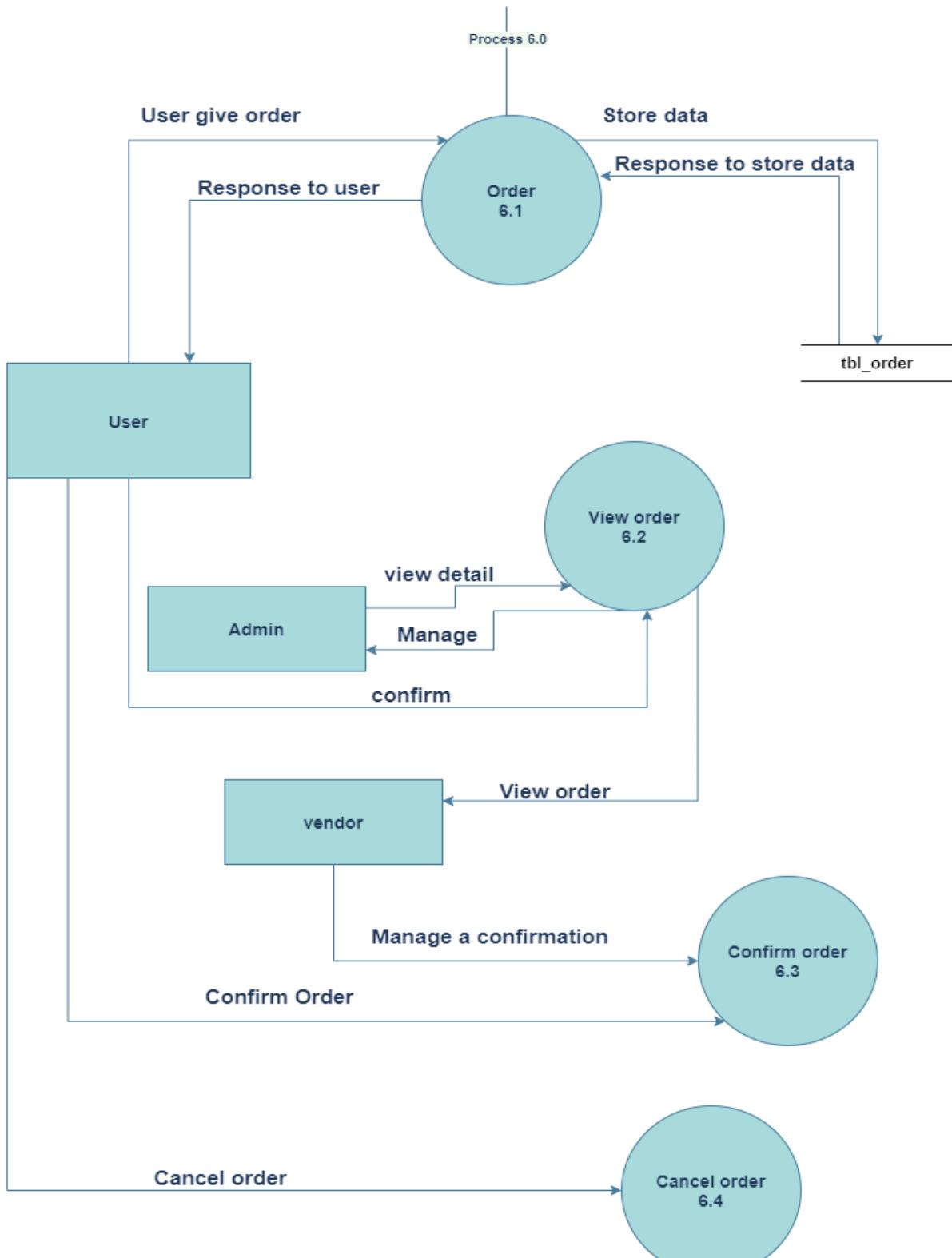


7-9 process 4

❖ Level 2 DFD for Process 5.0:

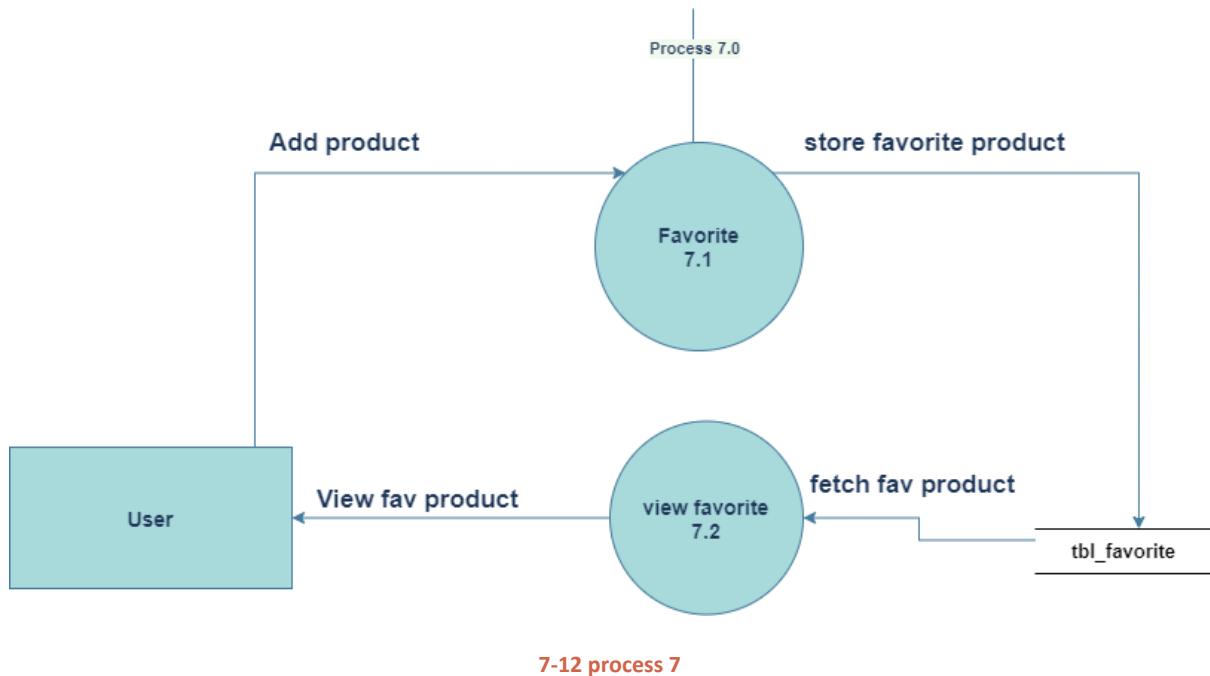


❖ Level 2 DFD for Process 6.0:



7-11 process 6

❖ Level 2 DFD for Process 7.0:



7.4 Data Dictionary

ADMIN:-

| NAME | Details |
|------------------|----------------------|
| Alias | None |
| Where use | Store Admin Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|-----------------|--------------|-------------|------------------|
| a_id | int(10) | PK | Primary Admin Id |
| a_name | varchar(20) | NOT NULL | Admin name |
| a_email | varchar(20) | NOT NULL | Admin email id |
| a_passwd | varchar(200) | NOT NULL | Admin password |

ADDRESS:-

| NAME | Details |
|------------------|-----------------------|
| Alias | None |
| Where use | Store Address Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|-------------|--------------|-------------|--------------------|
| addr_id | int(10) | PK | Primary Address Id |
| shop_id | int(10) | FK | Primary shop id |
| address | varchar(200) | NOT NULL | Address of place |
| pincode | int(10) | NOT NULL | Pincode of address |
| city_id | int(10) | FK | Primary city id |

BANK DETAILS:-

| NAME | Details |
|-----------|----------------------|
| Alias | None |
| Where use | Store Bank Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|---------------|--------------|-------------|-----------------|
| bank_id | int(11) | PK | Primary bank id |
| bank_name | varchar(49) | Null | Bank name |
| bank_ifsc | varchar(11) | Null | Bank ifsc no |
| bank_branch | varchar(74) | Null | Bank branch |
| bank_address | varchar(195) | Null | Bank address |
| bank_city | varchar(50) | Null | Bank city |
| bank_district | varchar(50) | Null | Bank district |
| bank_state | varchar(26) | Null | Bank state |
| bank_country | varchar(50) | Null | Country of bank |

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

CATEGORY:-

| NAME | Details |
|------------------|------------------------|
| Alias | None |
| Where use | Store Category Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|-----------------|--------------|-------------|-----------------------|
| cate_id | int(10) | PK | Primary category id |
| cate_name | varchar(20) | NOT NULL | Name of the category |
| cate_image_name | varchar(100) | NOT NULL | Image of the category |

CITY:-

| NAME | Details |
|------------------|----------------------|
| Alias | None |
| Where use | Store City Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|-------------|-------------|-------------|-------------------------|
| city_id | int(10) | PK | Primary city id |
| city_name | varchar(20) | NOT NULL | Name of the city |
| state_id | int(10) | FK | Foreign key of state id |

Country:-

| NAME | Details |
|------|---------|
|------|---------|

| | |
|------------------|-----------------------|
| Alias | None |
| Where use | Store Country Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|---------------------|-------------|-------------|--------------------------|
| country_id | int(10) | PK | Primary country id |
| sort_name | varchar(20) | NOT NULL | Sort name of the country |
| country_name | varchar(50) | NOT NULL | Name of country |
| phone_code | int(10) | NOT NULL | Phone code of country |

STATE:-

| NAME | Details |
|------------------|----------------------|
| Alias | None |
| Where use | Store State Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|-------------------|-------------|-------------|------------------------|
| state_id | int(10) | PK | Primary id of state |
| state_name | varchar(50) | NOT NULL | Name of state |
| country_id | int(10) | FK | Foreign key of country |

COUSTOMER:-

| NAME | Details |
|--------------|---------|
| Alias | None |

| | |
|------------------|------------------------|
| Where use | Store Customer Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|----------------------|-------------|---------------------|--------------------------|
| cust_id | int(10) | PK | Primary key of customer |
| cust_name | varchar(20) | NOT NULL | Name of customer |
| mobile_no | varchar(11) | NOT NULL | Mobile no of customer |
| cust_login_id | int(10) | NOT NULL | Login id of customer |
| cust_status | int(2) | 1 | Status of customer |
| create_date | timestamp | current_timestamp() | Login date of customer |
| update_date | timestamp | Null | Changes date of customer |

FORGOT PASSWORD:-

| NAME | Details |
|------------------|-------------------------------|
| Alias | None |
| Where use | Store Forgot Password Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|--------------------|-----------|---------------------|-----------------------------|
| f_passwd_id | int(20) | PK | Primary key forgot password |
| cust_id | int(10) | FK | Foreign key of customer |
| valid_till | timestamp | current_timestamp() | Customer valid date |

IMAGE:-

| NAME | | Details |
|-----------|----------------------|---------|
| Alias | None | |
| Where use | Store Image Details | |
| How used | Insert,Update,Delete | |

| Column Name | Data Type | Allow Nulls | Description |
|-------------|--------------|---------------------|------------------------|
| image_id | int(10) | PK | Primary key of image |
| prod_id | int(10) | FK | Foreign key of product |
| image_name | varchar(200) | current_timestamp() | Name of image |

ORDER:-

| NAME | | Details |
|-----------|----------------------|---------|
| Alias | None | |
| Where use | Store Order Details | |
| How used | Insert,Update,Delete | |

| Column Name | Data Type | Allow Nulls | Description |
|-------------------|-------------|-------------|-------------------------|
| id | int(30) | PK | Primary id of order |
| order_id | int(30) | FK | Primary id of order |
| cust_id | int(30) | FK | Foreign key of customer |
| prod_id | int(30) | FK | Foreign key of product |
| first_name | varchar(30) | None | First name of customer |
| last_name | varchar(30) | None | Last name of customer |
| phone_no | varchar(20) | None | Phone no of customer |
| Quantity | int(20) | None | Quantity of product |

| | | | |
|-----------------------|-----------|---------------------|----------------------------|
| | | | |
| total_price | int(20) | None | Total price of product |
| pay_id | int(10) | None | Pay id |
| order_date | timestamp | current_timestamp() | Date of order |
| status | int(11) | 0 | Status of customer |
| payment_status | int(10) | 0 | Payment status of customer |

PRODUCT:-

| NAME | | Details |
|------------------|--|-----------------------|
| Alias | | None |
| Where use | | Store Product Details |
| How used | | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|--------------------|---------------|-------------|-------------------------------|
| prod_id | int(10) | PK | Primary key of product |
| shop_id | int(10) | FK | Foreign key of shop |
| sub_c_id | int(10) | FK | Foreign key of sub category |
| prod_name | varchar(30) | NOT NULL | Name of product |
| comp_name | varchar(30) | NOT NULL | Company name of product |
| price | int(10) | NOT NULL | Price of product |
| avai_qua | int(10) | NOT NULL | Available quantity of product |
| prod_desc | varchar(5000) | NOT NULL | Description of product |
| prod_status | int(2) | NOT NULL | Status of product |

| | | | |
|--------------------|-----------|---------------------|---------------------|
| add_date | timestamp | current_timestamp() | Add product date |
| update_date | timestamp | current_timestamp() | Update product date |

SELLER:-

| NAME | Details |
|------------------|----------------------|
| Alias | None |
| Where use | Store Seller Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|---------------------------|--------------|---------------------|-------------------------|
| seller_id | int(10) | PK | Primary key of seller |
| seller_name | varchar(20) | NOT NULL | Name of seller |
| seller_l_name | varchar(20) | NOT NULL | Last name of seller |
| seller_phone_no | varchar(30) | NOT NULL | Phone no of seller |
| seller_pancard_no | varchar(30) | NOT NULL | Pancard no of seller |
| seller_image | varchar(100) | NOT NULL | Image of seller |
| seller_status | int(2) | 2 | Status of seller |
| seller_create_date | timestamp | current_timestamp() | Login date of seller |
| seller_update_date | timestamp | NOT NULL | Changes date of seller |
| s_login_id | int(10) | NOT NULL | Foreign key of login id |

SELLER LOGIN:-

| NAME | Details |
|------|---------|
|------|---------|

| | |
|------------------|----------------------|
| Alias | None |
| Where use | Store Seller Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|-------------|--------------|-------------|-----------------------|
| s_login_id | int(11) | PK | Primary key of seller |
| email_id | varchar(100) | NOT NULL | Email id of seller |
| passwd | varchar(500) | NOT NULL | Password of seller |

SELLER ONLINE:-

| NAME | Details |
|------------------|-----------------------------|
| Alias | None |
| Where use | Store Seller Online Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|----------------|--------------|-------------|------------------------------|
| id | int(20) | PK | Primary id of seller online |
| session | varchar(100) | NOT NULL | Session start time of seller |
| time | int(20) | NOT NULL | Time of login |

SHOP:-

| NAME | Details |
|------------------|----------------------|
| Alias | None |
| Where use | Store Shop Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|-------------|-------------|-------------|--------------------------|
| shop_id | int(10) | PK | Primary id of shop |
| seller_id | int(10) | FK | Foreign key of seller |
| shop_name | varchar(50) | NULL | Shopname of seller |
| gst_no | varchar(50) | NULL | Gst no of seller shop |
| Latitude | varchar(50) | NULL | Latitude of seller shop |
| longitude | varchar(50) | NULL | Longitude of seller shop |

SUB CATEGORY:-

| NAME | Details |
|-----------|----------------------------|
| Alias | None |
| Where use | Store Sub Category Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|-------------|-------------|-------------|--------------------------------|
| sub_c_id | int(10) | PK | Primary key of sub category id |
| cate_id | int(10) | FK | Foreign key of category id |
| sub_c_name | varchar(50) | NOT NULL | Sub category name of product |

SELLER BANK DETAIL:-

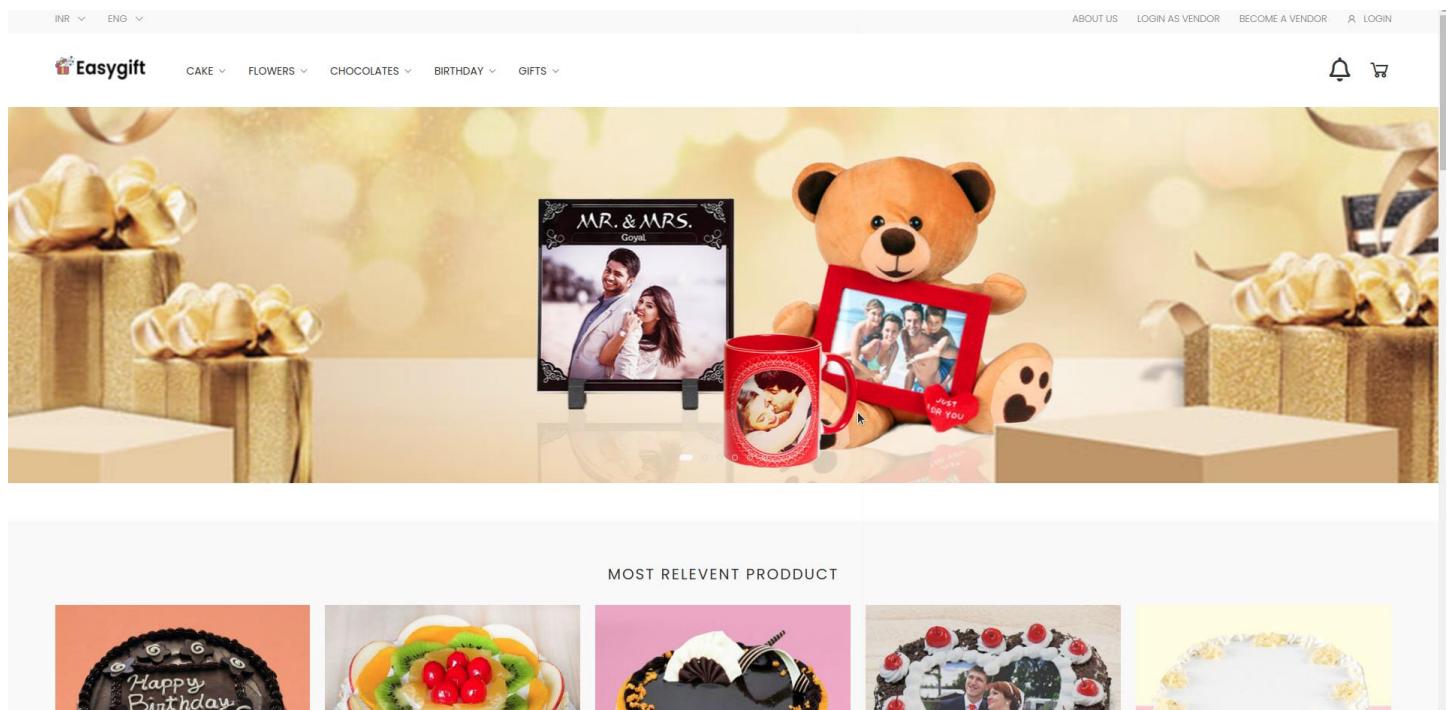
| NAME | Details |
|------|---------|
| | |

| | |
|------------------|----------------------------|
| Alias | None |
| Where use | Store Sub Category Details |
| How used | Insert,Update,Delete |

| Column Name | Data Type | Allow Nulls | Description |
|-------------|-------------|-------------|------------------------|
| s_bank_id | int(10) | PK | Primary key of bank id |
| seller_id | int(10) | FK | Foreign key of seller |
| bank_id | int(10) | FK | Foreign key of bank id |
| b_acc_no | varchar(50) | NOT NULL | Account of bank |

8 Designing

8.1 User Interface



8-1 home page

SHOP BY BEST CATEGORIES



EASY RECEIVED
Easy received product near by shop

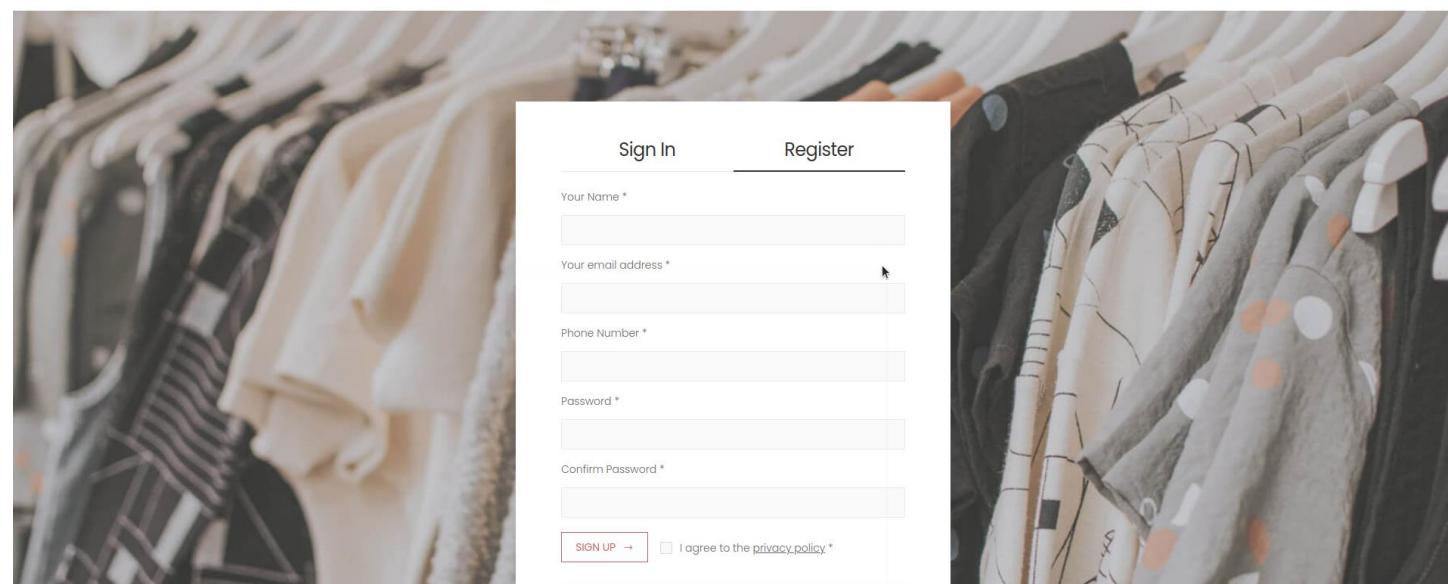
VEROUS GIFTS
Various categories vice gifts available

NEAR BY
Near by shop gift view

localhost/EasyGift/filter-product.php?category=Chocolates

8-2 home page

Home > Login



8-3 user login

INR ▾ ENG ▾



CAKE ▾ FLOWERS ▾ CHOCOLATES ▾ BIRTHDAY ▾ GIFTS ▾



ABOUT US LOGIN AS VENDOR BECOME A VENDOR R MY ACCOUNT

My Account

Home > My Account

| My Account | Product Name | Shop Name | Order Quantity | total Price | Order Date |
|-----------------|--------------------------|-------------------|----------------|-------------|------------|
| → Orders | Sweet Everlasting Smiles | Sangani Gift Shop | 1 | 649 | 2021-05-07 |
| Account Details | | | | | |
| Sign Out | | | | | |



USEFUL LINKS

About Us

MY ACCOUNT

Sign In

View Cart

Payment Method



Home > About Us

About us.

Who we are...

OUR VISION

Easygift provides best online cake, flowers and gifts buy services across near by shop in your cities in india. Order now to get best price on fresh cake, gifts and flowers with easy recievel near by shop....



USEFUL LINKS

About Us

MY ACCOUNT

Sign In

8-5 about

Home > Products

Sweet Everlasting Smiles

★★★★★

₹ 649

Butterscotch Cake Chocolate

- 1 + ADD TO CART

Suggest For: Father,Mother,Husband,Girlfriend,Wife,

Description Shop Information Shipping & Returns Reviews

8-6 product details

INR ▾ ENG ▾

ABOUT US LOGIN AS VENDOR BECOME A VENDOR A. LOGIN

Easygift CAKE ▾ FLOWERS ▾ CHOCOLATES ▾ BIRTHDAY ▾ GIFTS ▾

Shopping Cart

[Shop](#)

Home > Cart

| Product | Price | Quantity | Total |
|-------------------|--------|--|-------|
| Rhythmic Sanctity | ₹ 1449 | <input type="text" value="2"/> ₹ 2,898.0 X | |

Cart Total

Subtotal: ₹ 2,898.00

Total: ₹ 2,898.00

PROCEED TO CHECKOUT

CONTINUE SHOPPING

Easygift

USEFUL LINKS

About Us

MY ACCOUNT

Sign In

8-7 cart product

INR ▾ ENG ▾

ABOUT US LOGIN AS VENDOR BECOME A VENDOR A. LOGIN



CAKE ▾ FLOWERS ▾ CHOCOLATES ▾ BIRTHDAY ▾ GIFTS ▾



Category

Home > Shop

Filters: Clean All

Gift Category

- Cake
- Flowers
- Chocolates
- birthday
- Gifts

By Relation

- Father
- Mother
- Brother
- Sister
- Boyfriend
- Husband
- Male Friend
- Son
- Girlfriend

localhost/EasyGift/product.php?prod_id=96



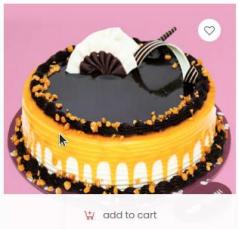
Lipsmacking Premium Butterscot
₹550

★★★★★ (0 Reviews)



Chocolate Truffle
₹499

★★★★★ (0 Reviews)



Sweet Everlasting Smiles
₹649

★★★★★ (0 Reviews)



dark Chocolate Cake
₹559

★★★★★ (0 Reviews)



8-8 filter product

- CAKE ▾
- FLOWERS ▾
- CHOCOLATES ▾
- BIRTHDAY ▾
- GIFTS ▾

Shop

Home > Checkout

Billing Details

First Name *

Last Name *

Phone Number *

Order notes (optional)

Notes about your order, e.g. special notes for delivery

Your Order

| Product | Total |
|--------------------------|--------------|
| Sweet Everlasting Smiles | ₹ 649.00 |
| Subtotal: | ₹ 649 |
| Total: | ₹ 649 |

Cash on delivery
 Debit Card , Upi (Paytm)

Place Order

8-9 check out user

- CAKE ▾
- FLOWERS ▾
- CHOCOLATES ▾
- BIRTHDAY ▾
- GIFTS ▾

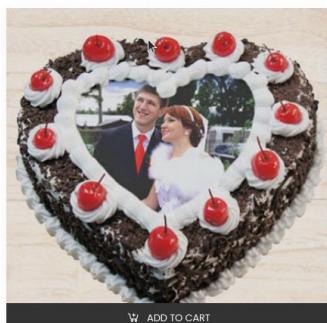
Description
Shop Information
Reviews

Product Information

- Cake
- Anniversary Cake
- Havmor
- Price ~ 649

Butterscotch Cake Chocolate

YOU MAY ALSO LIKE



localhost/EasyGift/product.php?prod_id=97

8-10 other info

INR ▾

ENG ▾

ABOUT US

LOGIN AS VENDOR

BECOME A VENDOR

LOGIN



CAKE ▾

FLOWERS ▾

CHOCOLATES ▾

BIRTHDAY ▾

GIFTS ▾



Home > Login > Forgot Password

Forgot Password

Your email address *

[Send Recovery Mail →](#)



Easygift provides best online cake, flowers and gifts buy services across near
by cities like Mumbai, Delhi, Bangalore, Hyderabad, Chennai, etc.

USEFUL LINKS

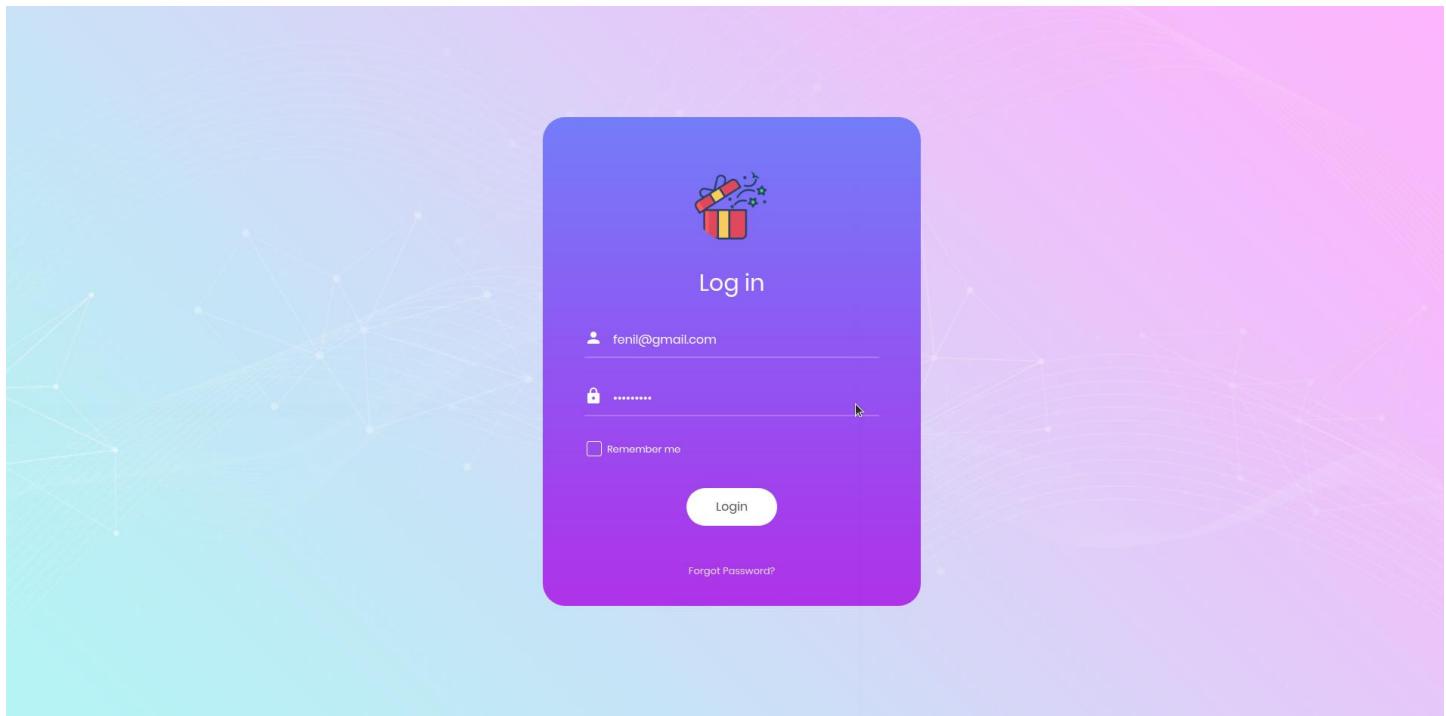
[About Us](#)

MY ACCOUNT

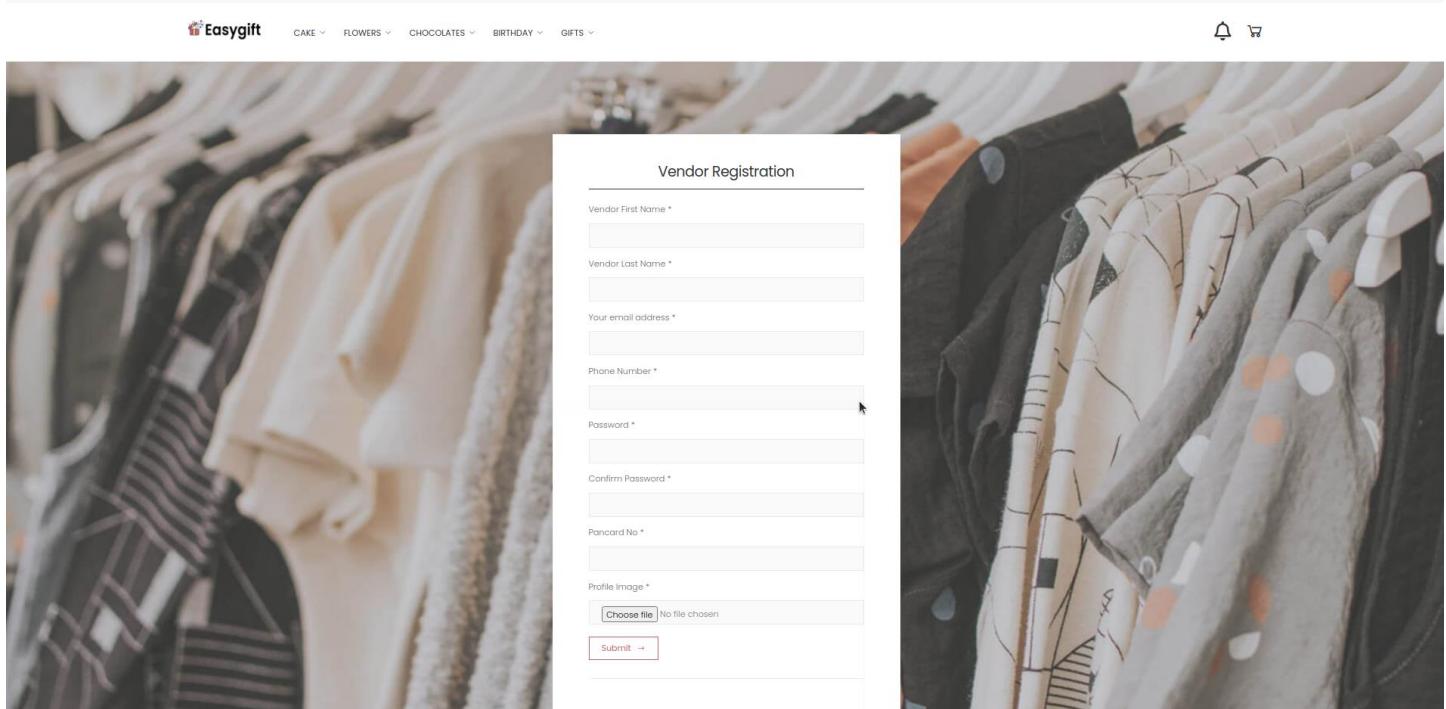
[Sign In](#)

[View Cart](#)

8-11 forgot password user



8-12 vendor login



8-13 vendor registration

The screenshot shows the vendor's home dashboard. At the top, there are three summary boxes: 'Total Income ₹1000', 'Orders Received 2', and 'Total Sales 2'. Below these are two charts: a line chart titled 'Past 7 days Orders' showing a sharp increase from 0 to 2.0 orders between May 1st and May 2nd, and a pie chart titled 'Past 7 days Sold Products' which is entirely red. On the left sidebar, there are links for Home, Profile, Products, Orders, and Download. On the right, there are sections for 'Recently Added Products' (listing three items) and 'Recent Orders' (listing two items).

8-14 Home page of vendor

The screenshot shows the 'Export Table' section. It features a table of products with columns for #, Product Name, Category, Price, Quantity, Orders, and Status. The table lists 10 entries, including various cakes and flower bouquets. Above the table, there are buttons for Copy, CSV, Excel, PDF, and Print. To the right, there are filters for 'Get Report' and 'Active Product', and a search bar. At the bottom, it shows 'Showing 1 to 10 of 15 entries' and navigation buttons for PREVIOUS, NEXT, and page numbers.

8-15 vendor generate report

The screenshot shows the vendor profile page for 'Sangani Gift Shop' owned by Fenil Sangani. The profile includes a photo of Fenil, shop address (Swaminarayan Nagar -1, Bombay Market-Punagam Rd, Umarwada,Surat,395010), phone number (+91 9122335566), and a 5-star rating. The map shows the shop's location in Surat, Gujarat. The sidebar on the left provides navigation links for Home, Profile, Products, Orders, and Download.

8-16 vendor profile page

The screenshot shows the vendor settings page. It features a 'Change Password' section with fields for Current Password, New Password, and Confirm Password, along with a 'CHANGE PASSWORD' button. Below this is an 'Account Settings' section where user information can be edited. Fields include First Name (Fenil), Last Name (Sangani), Email id (fenil@gmail.com), Phone no (9122335566), and Pancard no (ASDFG1234K).

8-17 vendor setting

| # | Product Name | Company Name | Customer Name | Phone no | Quantity | Total Price | Payment | Order Date | Image | Status |
|---|--------------------------|--------------|-----------------|------------|----------|-------------|---------|---------------------|-------|-----------|
| 1 | Chocolate Truffle | Havmor | brijesh paghdal | 13245688 | 2 | 1000 | Paytm | 2021-05-07 03:08:33 | | Completed |
| 2 | Sweet Everlasting Smiles | Havmor | vishal patel | 5566442211 | 1 | 649 | Paytm | 2021-05-07 09:31:47 | | Pending |

Showing 1 to 2 of 2 entries

8-18 vendor order

8-19 vendor reset password

The screenshot shows the 'Home' section of the admin dashboard. It features four main statistics boxes: 'Total Users' (5), 'Total Vendors' (2), 'Total Active Users' (0), and 'Total Active Vendors' (0). Below these is a 'Recent Report' section containing a radar chart with data points labeled from 01/05 to 07/05. To the right is a table titled 'Recently Joined Vendors' listing two entries:

| # | Name | Shop Name | Email | Status |
|---|----------------|-------------------|------------------|--------|
| 1 | Rakesh Mokarla | | rakesh@gmail.com | Active |
| 2 | Fenil Sangani | Sangani Gift Shop | fenil@gmail.com | Active |

8-20 admin dashbord

The screenshot shows the 'Category' management screen. On the left, there's a sidebar with navigation links: Home, Vendors, Users, Category List (selected), Category (active), Sub Category, Suggest For, and Download. The main area has a sub-header 'Category' and a breadcrumb trail 'Home > Category'. It includes a 'Add Category' form with fields for 'Category Name' (with a file upload button) and an 'ADD' button. To the right is a table listing categories with columns for 'Images', 'Category Name', and 'Action'. The table contains five entries:

| Images | Category Name | Action |
|--------|---------------|--------|
| | Cake | |
| | Flowers | |
| | Chocolates | |
| | birthday | |
| | Gifts | |

At the bottom, it says 'Showing 1 to 5 of 5 entries' and has 'PREVIOUS' and 'NEXT' buttons.

8-21 admin category

Exportable Table

| No. | User Name | Phone No. | Email Id | Register Date | User Status |
|-----|-----------|-------------|----------------------------|---------------|-------------|
| 1 | Bipin | 1234567890 | bipin@gmail.com | 2021-04-30 | Active |
| 2 | dharmlk | 1234561234 | dharmlk@gmail.com | 2021-05-02 | Active |
| 3 | rakeshop | 01112223331 | rakesh@gmail.com | 2021-05-02 | Active |
| 4 | brijesh | 1122334488 | brijeshpaghdall3@gmail.com | 2021-04-28 | Active |
| 5 | ankit | 7788556644 | ankit01@gmail.com | 2021-05-07 | Active |

Showing 1 to 5 of 5 entries

PREVIOUS 1 NEXT

8-22 download for admin

Vendors

| No. | Seller Name | Phone No. | Email Id | Register Date | Seller Status | Action |
|-----|-------------|------------|------------------|---------------|---------------|--------|
| 1 | Fenil | 1122335566 | fenil@gmail.com | 2021-05-07 | Active | |
| 2 | Rakesh | 1234567895 | rakesh@gmail.com | 2021-05-07 | Active | |

Showing 1 to 2 of 2 entries

PREVIOUS 1 NEXT

8-23 vendors list for admin



Easy Gift
Admin

- [Home](#)
- [Vendors](#)
- [Users](#)
- [Category List](#)
- [Download](#)

Users | Home > Users

Show 10 entries

| No. | User Name | Phone No | Email Id | Register Date | User Status |
|-----|-----------|-------------|---------------------------|---------------|-------------|
| 1 | Bipin | 1234567890 | bipin@gmail.com | 2021-04-30 | |
| 2 | dharmit | 1234561234 | dharmit@gmail.com | 2021-05-02 | |
| 3 | rakeshop | 01112223331 | rakesh@gmail.com | 2021-05-02 | |
| 4 | brijesh | 112334488 | brijeshpaghda12@gmail.com | 2021-04-28 | |
| 5 | ankit | 7788556644 | ankit01@gmail.com | 2021-05-07 | |

Showing 1 to 5 of 5 entries

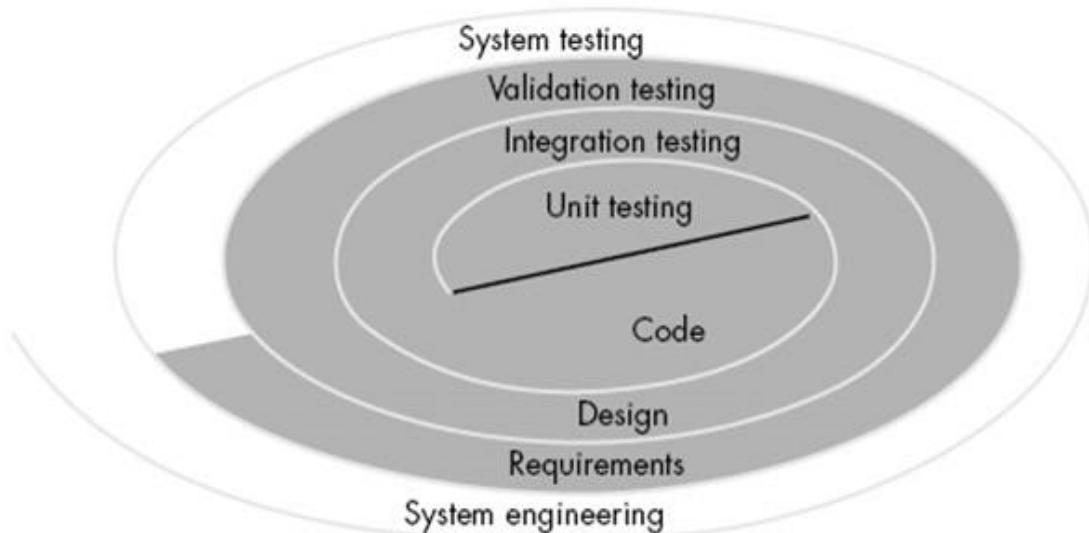
PREVIOUS NEXT

8-24 user details for admin

9 Testing

9.1 System strategies

- ✓ Test strategies are useful for performing the different types of testing in the system. It shows the way that how can we use different testing (unit testing, integration, validation testing, system testing) with the different phases of software engineering (Coding, Designing, Requirement, Whole system).
- ✓ The software engineering process may be viewed as the spiral illustrated in figure, system engineering defines the role of software and leads to software and leads to software requirement analysis, criteria for software



9-1 System strategies

- ✓ Moving a strategy for software testing may also be viewed in the context of the spiral unit testing begins at the vertex of the spiral and concentrates on each unit of the software as implemented in source code.
- ✓ Testing progresses by moving outward along the spiral to integration testing, where the focus is on design and the construction of the software architecture. Taking another turn outward on the spiral, we encounter validation testing, where requirements established as part of software requirements analysis are validated against the software that has been constructed.

9.2 Unit Testing

- ✓ Unit testing focuses verification efforts on the smallest unit of software design the software component or module. Using the component – level design description as a guide, important control paths are tested to uncover errors within the boundary of the module. The relative complexity of test and uncovered errors is limited by the constrained scope established for unit testing. The unit test is white-box oriented, and the step can be conducted in parallel for multiple components.
- ✓ We performed unit testing in our system for test of small module, registration module etc....
- ✓ Unit testing can be proceeded from the bottom-up, starting with smallest and lower level modules and

proceeding one at a time, for each module in bottom-up testing a short program is used to execute the module and provide the needed data, so that module is asked to perform the way it will when embedded within the larger system.

- ✓ With unit testing, we generally performed the white box testing in our all modules (Login/signup module, Project module, Clients module, Feedback module, Hours management module, Report (Graphical charts) module). In these all modules, we check all coding and syntax modules. So that unit testing is useful in our system.

9.3 Integration Testing

- ✓ Integration Testing is a level of software testing where individual units are combined and tested to verify if they are working as they intend to when integrated. The main aim here is to test the interface between the modules.

❖ **Top-Down Integration Testing :-**

- ✓ The top-down approach starts by testing the top-most modules and gradually moving down to the lowest set of modules one-by-one. Testing takes place from top to down following the control flow of the software system. As there is a possibility that the lower level modules might not have been developed while top modules are tested, we use stubs instead of those not ready modules. For simple applications, stubs would simply return the control to their superior modules. For complex applications, they would simulate the full range of responses.

❖ **Bottom-Up Integration Testing:-**

- ✓ The bottom-up approach starts with testing the lowest units of the application and gradually moving up one-by-one. Here testing takes place from the bottom of the control flow to upwards. Again it's possible that the higher level modules might not have been developed by the time lower modules are tested. In such cases, we simulate the functionality of missing modules by using drivers. These drivers perform a range of tasks such as invoking module under test, pass test data or receive output data.

9.4 System Testing

- ✓ In this testing, we take the requirement document as a reference to see whether the software meets all its requirements, goal or not. The objective of the system testing is to promote software functionality, reliability and maintainability.
- ✓ System testing is used where the software and the other system elements are tested as a whole. It's come at the top level of the testing which is done after completion of different sub testing such as unit testing, integration testing, validation testing.
- ✓ System testing is actually a series of different test whose primary purpose is to fully exercise computer based system.
- ✓ In these, we use sub testing which verify that system elements have been integrated and performed allocated function or not.

9.5 Alpha and Beta testing

- ✓ Alpha and Beta testing are the part of validation testing. In this testing we perform the both user and developers way.
- ✓ This testing is very useful at the ending stage of the system. And we concentrate on both the way with satisfaction.
- ✓ Alpha & Beta testing is impossible for the developer without considering the user views and its satisfaction. So, in this testing we perform testing twice for user and developer.

❖ **Alpha Testing:-**

- ✓ Alpha testing is used in natural application and in common way which every developer performed in system. This testing conducted in present of developer and user is not present at the time of this testing.
- ✓ This technique is generally used to find the errors.

❖ **Beta Testing**

- ✓ Beta testing is used in live application with advanced way. Here, user and developer both are presented and they communication their views directly to each other. In this technique we show the system to the user and user test the system with its own way.
- ✓ This technique is generally used to perform some modification in the system which user wants to be changed.

9.6 Test cases & Test data design

- ✓ We use many types of testing to improve the quality of our system and develop an acceptable system by the clients. For the client satisfaction we do validation, verification and many more testing. But implementing all these testing, first we should how to develop the testing. Therefore, to improve the testing we use two important parts for testing.
- ✓ Test case is one kind of a formal discussion of predefined documentation at the analysis phase. It's not used as a practical testing. It's only a theoretical discussion. In this we discussion following:

❖ **A starting Stage:**

- ✓ In this, we discuss the requirements of customer and checks that all information which was defined at analysis phase is fulfilled or not. We discuss all basic requirement related to automobiles is match with document or not.

❖ **Module to which software must response:**

- ✓ Here, we discuss about the expected output of the all modules we developed, are accept the all input and data which user wants to put and data which are useful fir that module or not. In our system we check that the inputted data for registration related to those entire or not.

❖ **Expected output for ending stage:**

- ✓ At this stage, we do discuss about the expected output of all modules. We check that all output and result are matched with all requirement of the client or not.

❖ **Test data:**

- ✓ Test data is also a part of developing the testing. Here, we do not discuss any theoretical concept or topic. Here we performed many different testing as a practical form. In test data, we generally used some validation practically and match the constraints with documentation.

10 References

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