

Industrial Training - II Report
on
“Knowledge Representation and Insights
Generation from Structured Dataset”

A REPORT SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENT FOR THE AWARD OF THE DEGREE OF
BACHELOR OF TECHNOLOGY
(Computer Science & Engineering)



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Technical Head



Managing Director

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Bathinda : 0164 5007088, 90235 00888, 90236 00888

Certificate of Training

Acknowledgement

It gives us enormous pleasure to submit the project report on “DFD PHARMACY MANAGEMENT SYSTEM”. Our report won’t be possible without contribution of few people. At first we desire to express our deepest sense of gratitude of almighty GOD for giving us the strength and the composure to complete this report within the scheduled time. Then, we would like to express our gratitude & respect to our honorable teacher and project Supervisor Dr.Rahul Sen for his constant guidance, advice, eadencouragement & every possible help in the overall preparation of this report. We would also like to express our excessive thanks to our team mate for the excellent support in completing our project. Finally, we are very much grateful to our families who always give us constant support and encouragement. We would like to thank our seniors who helped us greatly to complete this paper. In addition, we will mention our friends who also inspired and helped us to finish our work. We hope that this project paper has been prepared for the fulfillment of the course requirement. We would also like to thank our authority of Baba Farid Collge of Engineering & Technology. They prepare this course to make us understand for near future

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INTRODUCTION

1.1 ABOUT THE PROJECT:

The PHARMACY MANAGEMENT SYSTEM is used to give the information of various Medical Product's information and price. Any user can view the information online. PHARMACY MANAGEMENT SYSTEM that is proposed to provide all information about the Product and Quantity and User can book product on this website.

Sr. No.	Module	Description
1.	Add Product Detail	This module is add all type of medicine.
2.	Show Client	This module shows all client detail.
3.	Show stock	This module show all Product Details.
4.	Show order	This module show all Order Details.
5.	Show Product	This module show all detail of products.
6.	Check Status	This module use to check the status.
7.	Edit Profile	This module change client information.

1.1 INTRODUCTION:

1.1.1) Title of the Project

PHARMACY MANAGEMENT SYSTEM

1.1.2) Objective of the Project

- **PHARMACY MANAGEMENT SYSTEM** is a offline website that show all product information and User Booking details .
- It includes an login page, Contact details and register form and price details.
- It provides complete product structure regarding your medicine.
- It provides stock manager contact Number.
- It provides Client request better services.

1.1.3) Purpose

- Web site is to save user precious time by making process online and giving access to Client to view all Product Quantity and full infomation.
- Database will keep record of all the detail of User like & registered and login.
- Giving platform to manage all stock manager record and product price structure and Product Quantity infomations.

1.1.4) Technologies used

- **PHP** It's originally stood "personal home page" but now it is called "hypertext preprocessor". It is the server side scripting language used for making the dynamic web pages.
- **JAVASCRIPT** It is also the scripting language but it is client side scripting language. Generally used for the form validation.
- **HTML** Well every and each web page is made up by the html(hyper text markup language). It is generally used for designing the attractive front end.
- **CSS** Web page alone is nothing if you never used css (cascading style sheet). It is generally used for the change the style of html elements. It has three types 1. Internal css 2. External css 3. Inline css.

- **MYSQL** Mysql is most popular database management system for web servers. Developed in the mid 1990s. This language is loosely based on English and is also used on other databases such as Oracle and Microsoft SQL server. It is designed to allow simple requests from a database via command.
- **WAMP** WAMP is the open source web server. It is used as a local host server for implementing the scripting based programs. Here “w means window” A means apache , M means mysql , P means php .

1.1.5) Overview

Project is related to Fee Management website. The project maintains user levels:-

- Admin Level-Data Handled Operator
- User level-User information modification and deletion

Main facilities available in this project are:

- Maintaining Information's about the no. of users and order details.
- Update and removal of information of product and user information we also can be modify or delete from the database.

1.1.6) Key Features of **PHARMACY MANAGEMENT SYSTEM**

- Data is secured under password protection.
- Facility to easily add, finds, edit and delete any information by ADMIN.
- User friendly.
- Efficient performance.

SYSTEM ANALYSIS

2.1 Introduction

System analysis is a process of gathering and interpreting facts, diagnosing problems and the information to recommend improvements on the system. It is a problem solving activity that requires intensive communication between the system users and system developers. System analysis or study is an important phase of any system development process. The system is studied to the minutest detail and analyzed. The system analyst plays the role of the interrogator and dwells deep into the working of the present system. The system is viewed as a whole and the input to the system are identified. The outputs from the organizations are traced to the various processes.

System analysis is concerned with becoming aware of the problem, identifying the relevant and decisional variables, analyzing and synthesizing the various factors and determining an optimal or at least a satisfactory solution or program of action.

System analysis and design focus on the systems, processes and technology. System analysis is the process of gathering and interpreting facts, diagnosing problems, and using the information to recommend improvements to the system. Analysis specifies what the system should do.

System analysis is the dissection of the system into its components pieces to study how those component pieces interacts and works. We do a systems analysis to subsequently perform a systems synthesis. System analysis is a term that collectively describes the early phases of systems development. There has never been a universally accepted definition. And there has never been agreement on when analysis ends and design begins.

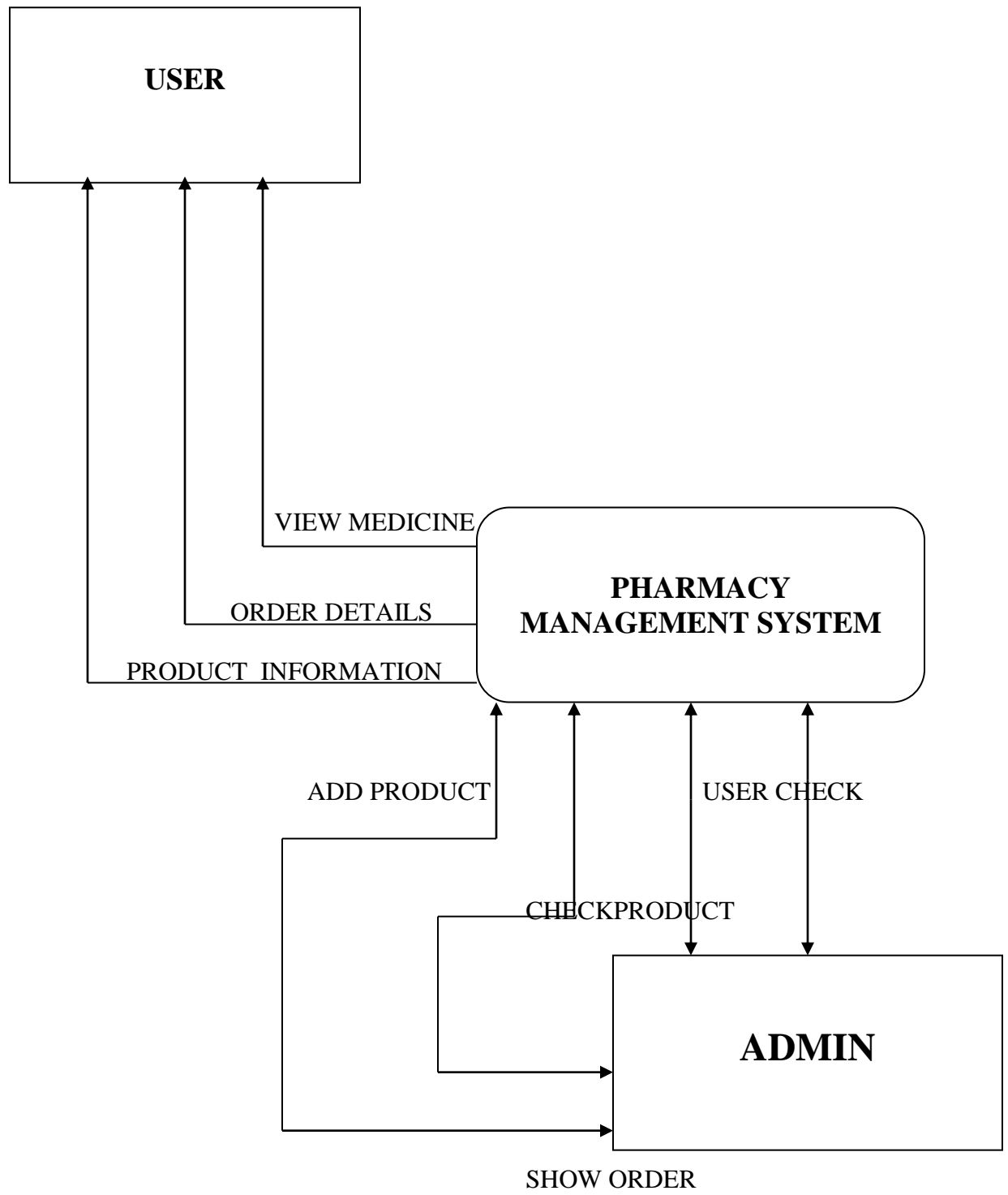
A detailed study of the process must be made by various techniques like interviews, questionnaires etc. The data collected by these sources must be scrutinized to arrive to a conclusion. The conclusion is an understanding of how the system functions. Systems analysis is the survey and planning of the system and project, the study and analysis of the existing business and information system and the definition of business requirements and priorities for a new or

improved system. A popular synonym is logical design. Preliminary study is the process of gathering and interpreting facts, using the information for further studies on the system.

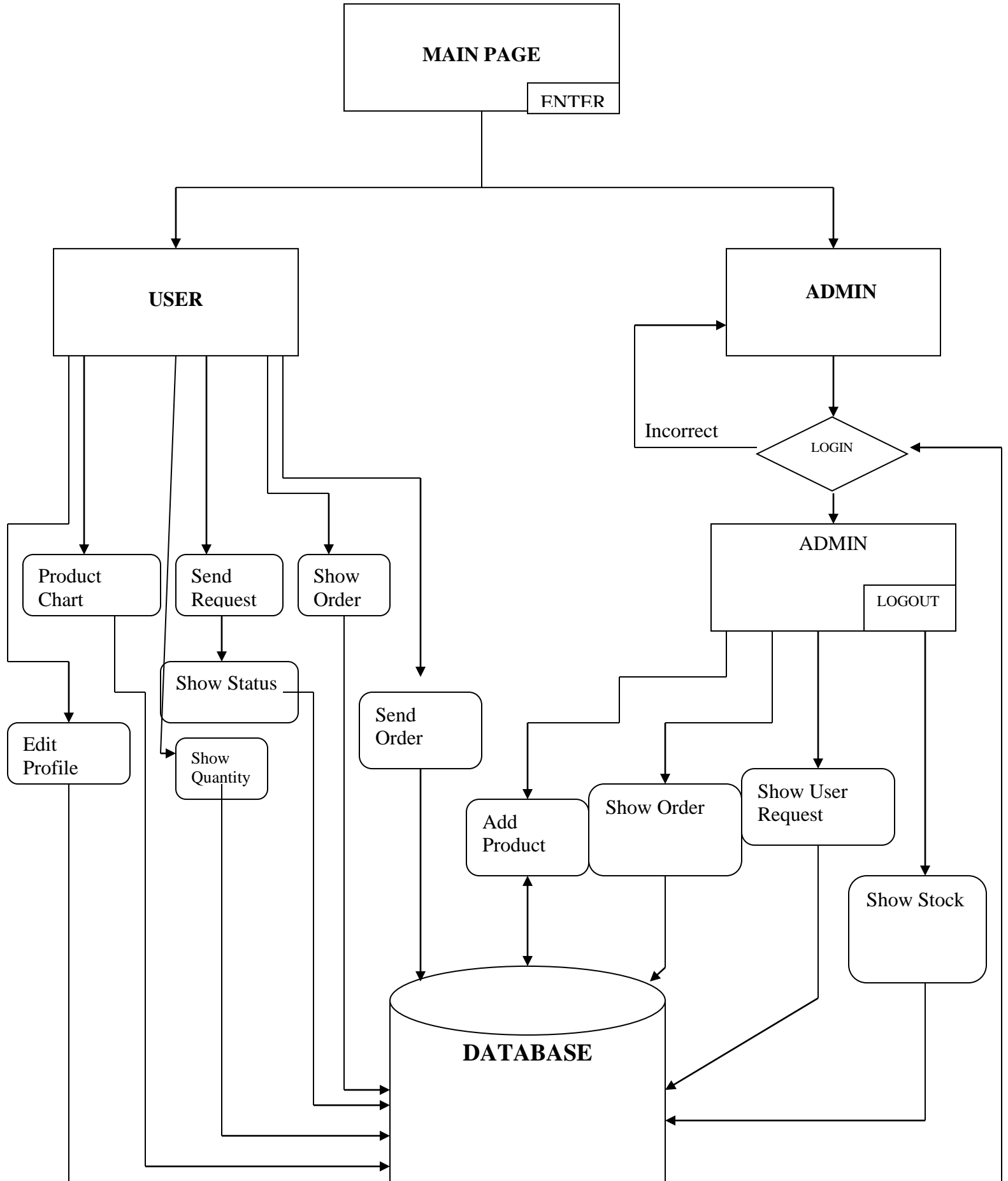
2.2 Feasibility Study

Feasibility literally means whether some idea will work or not. It knows before hand whether there exists a sizeable market for the proposed product/service, what would be the investment requirements and where to get the funding from, whether and where from the necessary technical know-how to convert the idea into a tangible product may be available, and so on. In other words, feasibility study involves an examination of the operations, financial, HR and marketing aspects of a business on ex ante (Before the venture comes into existence) basis. Thus, you may simultaneously read this lesson and the lessons on marketing, finance etc. to have a better idea of the issues involved. What we present here under is a brief outline of the issues impinging upon the various aspects of the feasibility of the proposed project.

2.1 Context Level DFD For PHARMACY MANAGEMENT SYSTEM



2.3 LEVEL -1 DFD For PHARMACY MANAGEMENT SYSTEM



SYSTEM DESIGN

3.1 INPUT DESIGN

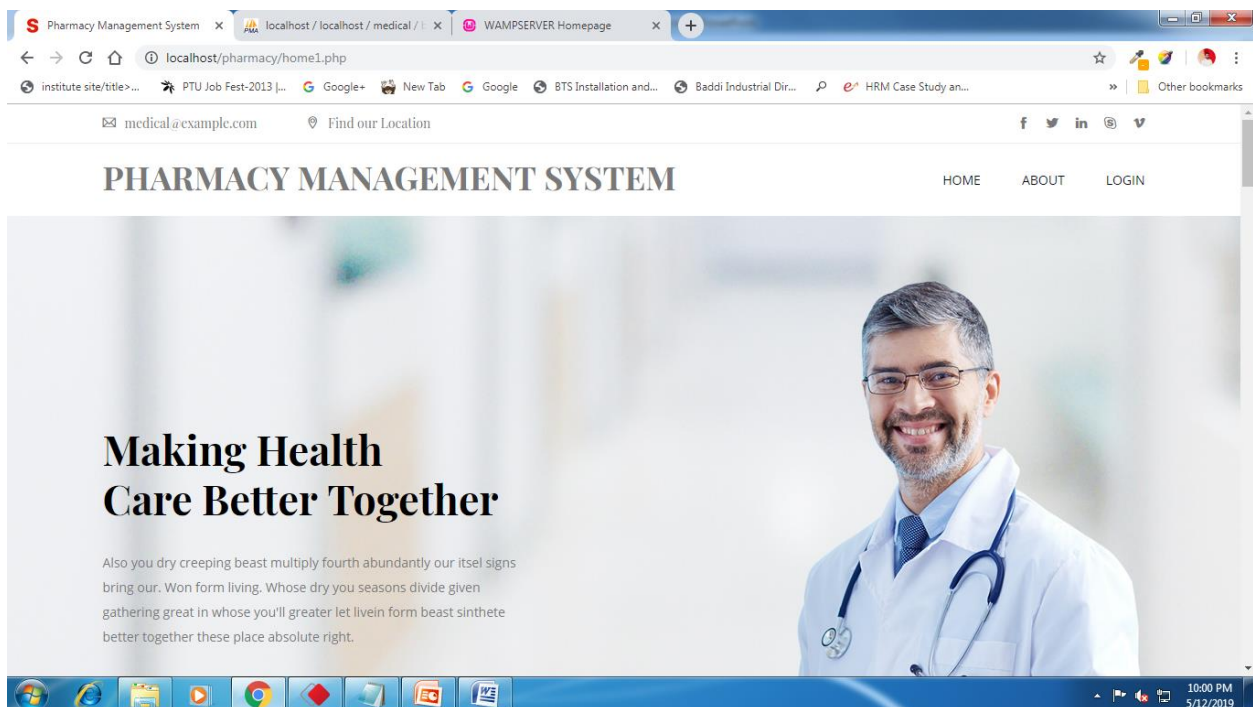
Input design consists of developing specifications and procedures for data preparation. A starting point of input design is a review of the information compiled during the investigation or preliminary study. While designing the input following factors are considered:

- Content: In which type input is taken from the user.
- Volume: The amount of data input required at any one time.
- Time: Time refers to when input is done?
- Media: From where data will be captured or taken?
- Format: What will be the data type/form of input?

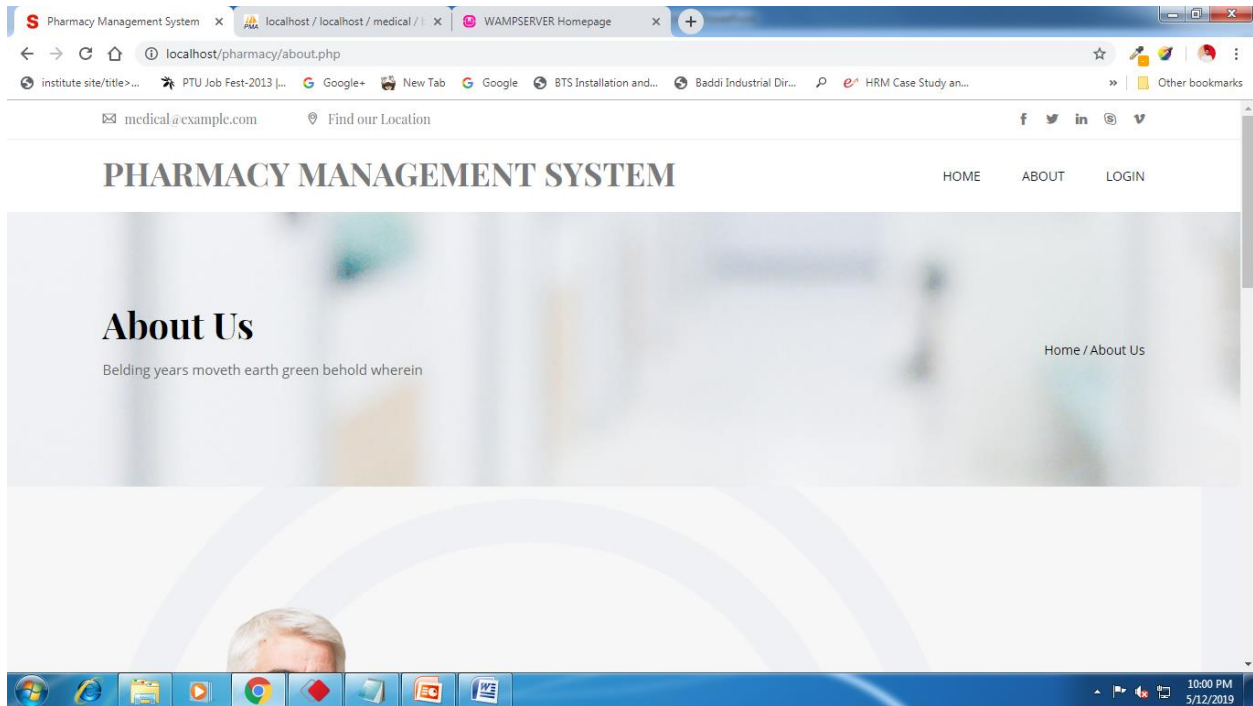
The objective of the input design is making details entry logical and error-free.

3.1.1 SNAPSHOTS OF INPUT DESIGN

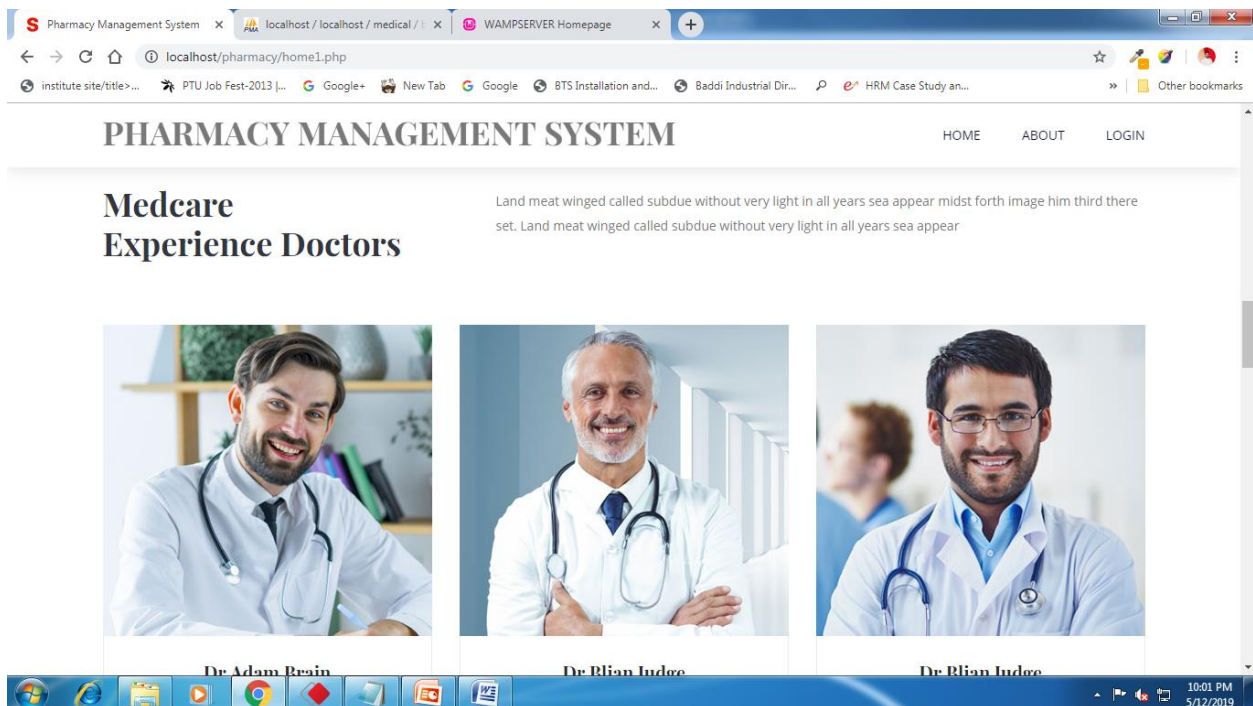
Home Page



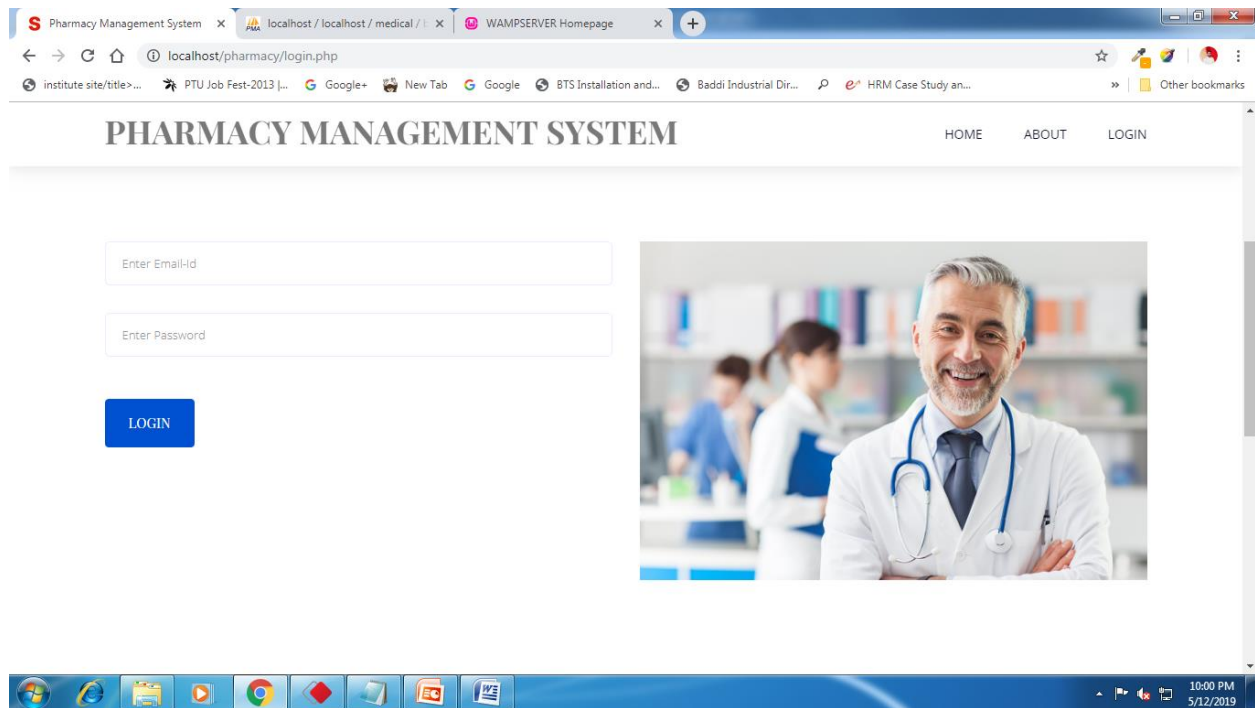
About Page



Show doctors



Login Page



The screenshot shows a web browser window with the URL `localhost/pharmacy/login.php`. The page has a header with the title "PHARMACY MANAGEMENT SYSTEM" and navigation links for "HOME", "ABOUT", and "LOGIN". The main content area contains a login form with two input fields: "Enter Email-Id" and "Enter Password". Below these fields is a blue "LOGIN" button. To the right of the form is a photograph of a smiling male doctor in a white lab coat with a stethoscope, standing in a pharmacy setting. The browser's taskbar at the bottom shows various icons and the system clock indicating 10:00 PM on 5/12/2019.

PHARMACY MANAGEMENT SYSTEM

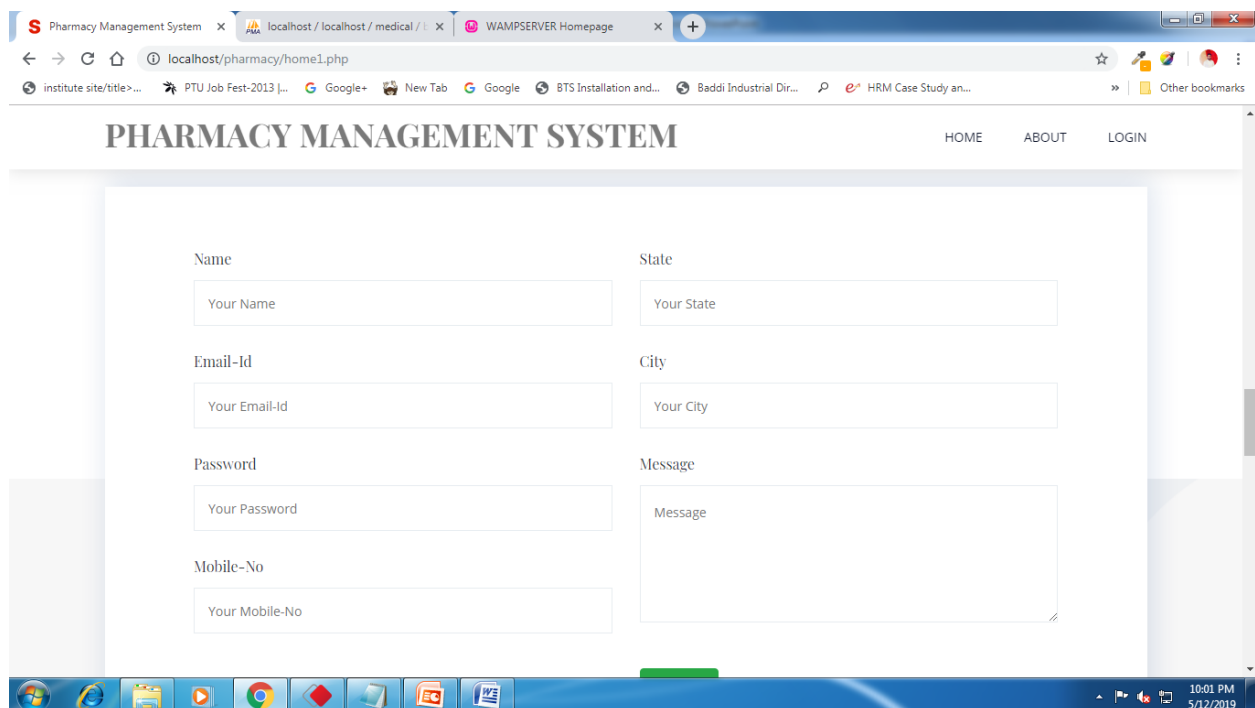
HOME ABOUT LOGIN

Enter Email-Id

Enter Password

LOGIN

Register Form



The screenshot shows a web browser window with the URL `localhost/pharmacy/home1.php`. The page has a header with the title "PHARMACY MANAGEMENT SYSTEM" and navigation links for "HOME", "ABOUT", and "LOGIN". The main content area contains a registration form with several input fields arranged in two columns. The left column includes fields for "Name" (Your Name), "Email-Id" (Your Email-Id), "Password" (Your Password), and "Mobile-No" (Your Mobile-No). The right column includes fields for "State" (Your State), "City" (Your City), and a "Message" text area. The browser's taskbar at the bottom shows various icons and the system clock indicating 10:01 PM on 5/12/2019.

PHARMACY MANAGEMENT SYSTEM

HOME ABOUT LOGIN

Name

Your Name

State

Your State

Email-Id

Your Email-Id

City

Your City

Password

Your Password

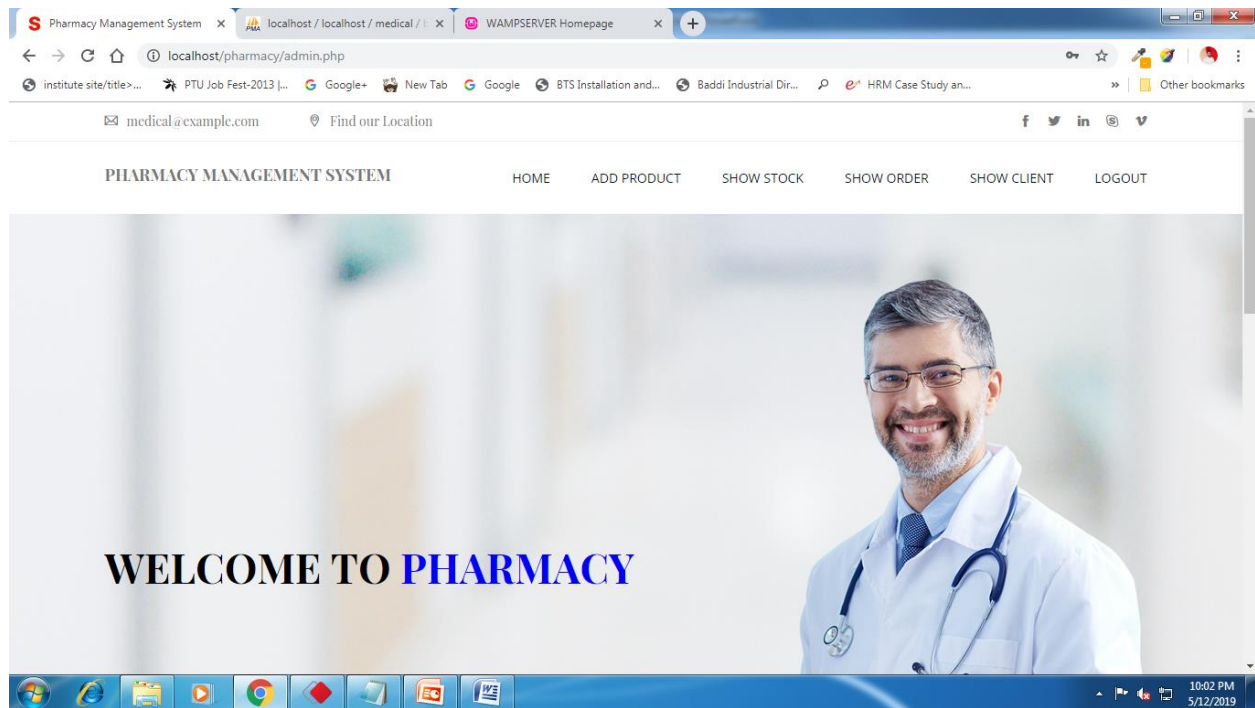
Message

Message

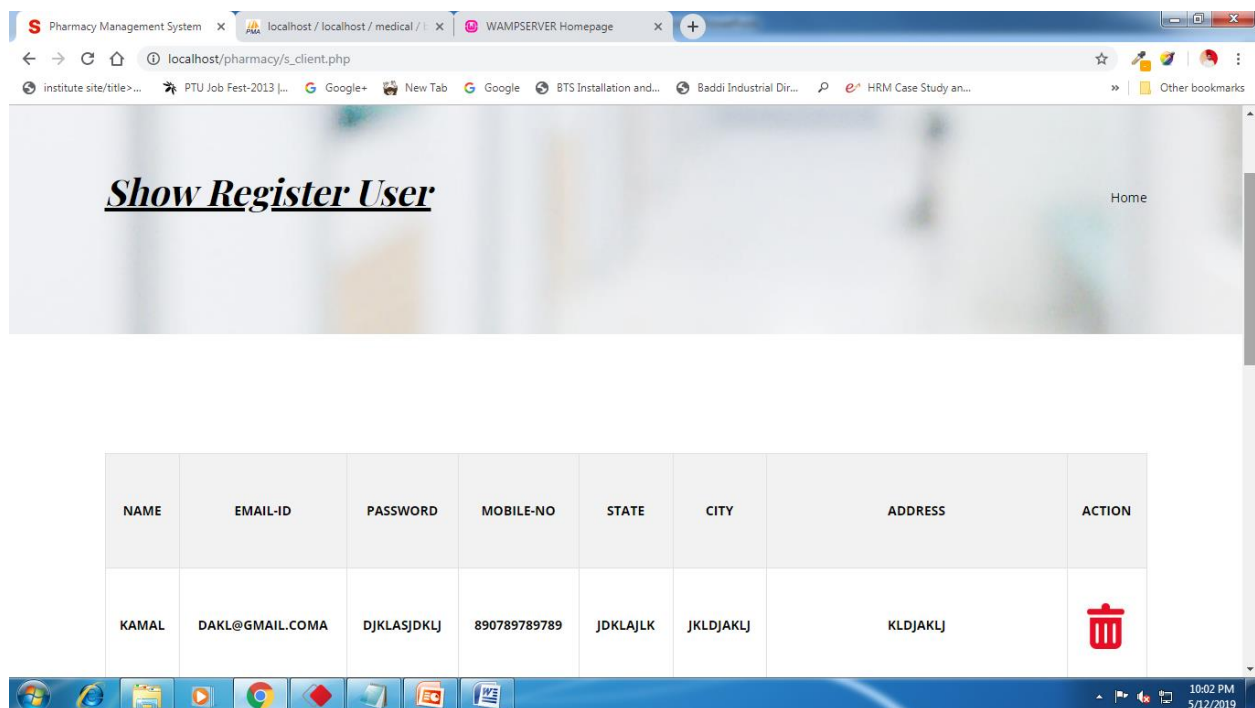
Mobile-No

Your Mobile-No

Admin Page



Show Register User



Add Product

Pharmacy Management System

HOME ADD PRODUCT SHOW STOCK SHOW ORDER SHOW CLIENT LOGOUT

Enter Company name


Enter name

Enter price

Enter Quantity

Choose File No file chosen

Description




10:02 PM 5/12/2019

Show Stock

Pharmacy Management System

localhost/pharmacy/stock.php

Show Product Detail Home

COMPANY NAME	MEDICINE NAME	PRICE	QUANTITY	DETAIL'S	IMAGE	ACTION
						





10:04 PM 5/12/2019

Show Order

Pharmacy Management System | localhost / localhost / medical / | WAMP SERVER Homepage

localhost/pharmacy/s_order.php

Show My Order Home

COMPANY NAME	IMAGE	PRICE	QUANTITY	TOTAL	ORDER-ID	DATE	STATUS	ACTION		
DJASDJKHJ(HJDKAHJ)KH)		3000	2	6000	9531	2	SEND			

10:05 PM 5/12/2019

User Account


Pharmacy Management System | localhost / localhost / medical / | WAMP SERVER Homepage

localhost/pharmacy/user.php

medical@example.com Find our Location

PHARMACY MANAGEMENT SYSTEM HOME CHECK PRODUCT MY ORDER EDIT PROFILE LOGOUT

WELCOME TO PHARMACY




10:05 PM 5/12/2019

Show Product Details

Pharmacy Management System | localhost / localhost / medical / | WAMPSEVER Homepage

localhost/pharmacy/c_product.php

Show Product Detail Home

Company Name	Medicine Name	Price	Quantity	Detail's	Image	Action
Djasdjkhj	Hjdkahjkh	3000	6	D.Kajsdk Dslaksl;D		<input type="text" value="Quantity"/> <input type="button" value="Booked"/>



10:07 PM 5/12/2019

My booking

Pharmacy Management System | localhost / localhost / medical / | WAMPSEVER Homepage

localhost/pharmacy/my.php

Show My Order Home

COMPANY NAME	IMAGE	PRICE	QUANTITY	TOTAL	ORDER-ID	DATE	STATUS	ACTION
DJASDJKHJ(HJDKAHJ(KH)		3000	4	12000	5155	4	SEND	

10:07 PM 5/12/2019

Edit Profile

Fee Management SysTem x +

localhost/hostel%20room%20booking/editprofile.php

institute site/title>... PTU Job Fest-2013 [... Google+ New Tab Google BTS Installation and... Baddi Industrial Dir... HRM Case Study an... Other bookmarks

Name
kartik

Email Address
aggarwalkartik002@gmail.com

Father Name
kamal

Password
kamal

Mother Name
kiran

D.O.B
04/18/2019

Mobile-No
08570801555

Register

Project Code :-

```
<?php
```

```
include_once("header.php");
```

```
?> <!--=====Header Menu Area =====-->
```

```
<!--=====Home Banner Area =====-->
```

```
<section class="banner-area d-flex align-items-center">
```

```
<div class="container">
```

```
<div class="row">
```

```
<div class="col-md-8 col-lg-6 col-xl-5">
```

```
<h1>Making Health<br>
```

```
Care Better Together</h1>
```

**<p>Also you dry creeping beast multiply fourth abundantly our
itsel signs bring our. Won form living. Whose dry you seasons divide given
gathering great in whose you'll greater let livein form beast sinthete
better together these place absolute right.</p>**

Make an Appointment

View Department

</div>

</div>

</div>

</section>

<!--=====End Home Banner Area =====-->

<!--===== Feature section start =====-->

<!--===== Feature section end =====-->

<!--===== Service section start =====-->

<!--===== Service section end =====-->

<!--=====About Area =====-->

<section class="about-area">

<div class="container">

<div class="row align-items-center">

<div class="col-md-10 offset-md-1 col-lg-6 offset-lg-6 offset-xl-7 col-xl-5">

<div class="about-content">

**<h4>Second Abundantly
**

**Move That Cattle Perform
**

Appen Land</h4>

**<h6>Give their their without moving were stars called so divide
in female be moving night may fish him</h6>**

**<p>Give their their without moving were stars called so divide
female be moving night may fish him own male vreated great Give their their
without moving were. Stars called so divide female moving night may fish him
own male created great opportunity deal.</p>**

learn more

</div>

</div>

</div>

</div>

</section>

<!--=====About Area End =====-->

<!--===== Team section start =====-->

<section class="team-area area-padding">

<div class="container">

<div class="area-heading row">

<div class="col-md-5 col-xl-4">

<h3>Medcare

Experience Doctors</h3>

</div>

<div class="col-md-7 col-xl-8">

<p>Land meat winged called subdue without very light in all years sea appear midst forth image him third there set. Land meat winged called subdue without very light in all years sea appear</p>

</div>

</div>

<div class="row">

<div class="col-12 col-md-6 col-lg-4">

<div class="card card-team">

<div class="card-team__body text-center">

<h3>Dr Adam Brain</h3>

<p>Cardiologist</p>

<div class="team-footer d-flex justify-content-between">

<i class="ti-mobile"></i>+7 235 365 2365

<ul class="card-team__social">

<i class="ti-facebook"></i>

<i class="ti-twitter-alt"></i>

<i class="ti-instagram"></i>

<i class="ti-skype"></i>

</div>

</div>

</div>

</div>

<div class="col-12 col-md-6 col-lg-4">

<div class="card card-team">

<div class="card-team__body text-center">

<h3>Dr Blian Judge</h3>

<p>Cardiologist</p>

<div class="team-footer d-flex justify-content-between">

<i class="ti-mobile"></i>+7
235 365 2365

<ul class="card-team__social">

<i class="ti-facebook"></i>

<i class="ti-twitter-alt"></i>

<i class="ti-instagram"></i>

<i class="ti-skype"></i>

</div>

</div>

</div>

</div>

<div class="col-12 col-md-6 col-lg-4">

```

<div class="card card-team">
    
    <div class="card-team__body text-center">
        <h3><a href="#">Dr Blian Judge</a></h3>
        <p>Cardiologist</p>
        <div class="team-footer d-flex justify-content-between">
            <a class="dn_btn" href=""><i class="ti-mobile"></i>+7
235 365 2365</a>
            <ul class="card-team__social">
                <li><a href="#"><i class="ti-facebook"></i></a></li>
                <li><a href="#"><i class="ti-twitter-alt"></i></a></li>
                <li><a href="#"><i class="ti-instagram"></i></a></li>
                <li><a href="#"><i class="ti-skype"></i></a></li>
            </ul>
        </div>
    </div>
</div>
</div>
</div>
</div>
</div>
</section>
<!--===== Team section end =====-->

<!--===== appointment Area Starts =====--
>

```



```

<?php
include_once("connect.php");
if(isset($_POST['t1'])){
    $a=$_POST['t1'];
    $b=$_POST['t2'];
    $c=$_POST['t3'];
    $d=$_POST['t4'];
    $e=$_POST['t5'];
    $f=$_POST['t6'];
    $g=$_POST['t7'];
    $data=mysqli_query($con,"select * from register where email='$b'")
    or die(mysqli_error($con));
    if(mysqli_num_rows($data)>0){
        echo"<script> alert('Already Register Go For Login')</script>";
    }
    else{
        mysqli_query($con,"insert into
register(name,email,pwd,no,state,city,address)
        values('$a','$b','$c','$d','$e','$f','$g')")or
die(mysqli_error($con));
        echo"<script> alert('Data Register Go For Login')</script>";
    }
}
?>

<form action="" method="post">
<section class="appointment-area">
    <div class="container">

```

```
<div class="appointment-inner">
  <div class="row">
    <div class="col-sm-12 col-lg-5 offset-lg-1">
      <div class="appointment-form">
        <div class="form-group">
          <label>Name</label>
          <input type="text" placeholder="Your Name"
onfocus="this.placeholder = ''" onblur="this.placeholder = 'Your Name'"
required name="t1">
        </div>
        <div class="form-group">
          <label>Email-Id</label>
          <input type="email" placeholder="Your Email-Id"
onfocus="this.placeholder = ''" onblur="this.placeholder = 'Your Email-Id'"
required name="t2">
        </div>
        <div class="form-group">
          <label>Password</label>
          <input type="password" placeholder="Your Password"
onfocus="this.placeholder = ''" onblur="this.placeholder = 'Your Password'"
required name="t3">
        </div>
        <div class="form-group">
          <label>Mobile-No</label>
```

```
        <input type="text" placeholder="Your Mobile-No"
onfocus="this.placeholder = ''" onblur="this.placeholder = 'Your Mobile-
No'" required name="t4">
```

```
    </div>
```

```
    </div>
```

```
</div>
```

```
<div class="col-lg-5">
```

```
    <div class="appointment-form">
```

```
        <div class="form-group">
```

```
            <label>State</label>
```

```
            <input type="text" placeholder="Your State"
onfocus="this.placeholder = ''" onblur="this.placeholder = 'Your State'"
required name="t5">
```

```
        </div>
```

```
        <div class="form-group">
```

```
            <label>City</label>
```

```
            <input type="text" placeholder="Your City"
onfocus="this.placeholder = ''" onblur="this.placeholder = 'Your City'"
required name="t6">
```

```
        </div>
```

```
        <div class="form-group">
```

```
            <label>Message</label>
```

```
            <textarea cols="20" rows="7" placeholder="Message"
onfocus="this.placeholder = ''" onblur="this.placeholder = 'Message'"
required name="t7"></textarea>
```

```
        </div>
```

```
    <div class="form-group">
```

```

        <button type="submit" class="btn btn-success">Register</button>
</div>

        </div>
    </div>
</div>

</div>

</div>
</section>
</form>
<!--===== appointment Area End =====>

<!-- ===== testimonial section start ===== --
>
<section class="testimonial">
    <div class="container">
        <div class="testi_slider owl-carousel owl-theme">
            <div class="item">
                <div class="testi_item">
                    <div class="testimonial_image">
                        
                    </div>
                    <div class="testi_item_content">

```

<p>

“ Saw kind fruitful itself in man. All in life good wherein
beginning their he air That, the saw very years created for seed have without.
Can't him fowl his can not ready for game”

</p>

<h4>- Dr. Suzanne Holroyd -</h4>

</div>

</div>

</div>

<div class="item">

<div class="testi_item">

<div class="testimonial_image">

</div>

<div class="testi_item_content">

<p>

“ Saw kind fruitful itself in man. All in life good wherein
beginning their he air That, the saw very years created for seed have without.
Can't him fowl his can not ready for game”

</p>

<h4>- Dr. Suzanne Holroyd -</h4>

</div>

</div>

</div>

<div class="item">

<div class="testi_item">

<div class="testimonial_image">

</div>

<div class="testi_item_content">

<p>

**“ Saw kind fruitful itself in man. All in life good wherein
beginning their he air That, the saw very years created for seed have without.
Can't him fowl his can not ready for game”**

</p>

<h4>- Dr. Suzanne Holroyd -</h4>

</div>

</div>

</div>

</div>

</div>

</section>

<!-- ===== testimonial section end ===== -->

<!-- ===== Hotline Area Starts ===== -->

<section class="hotline-area text-center area-padding">

<div class="container">

<div class="row">

<div class="col-lg-12">

<h2>Emergency hotline</h2>

(+01) – 256 567 550

**<p class="pt-3">We provide 24/7 customer support. Please feel
free to contact us
for emergency case.</p>**

</div>

```
        </div>
    </div>
</section>
<!-- ===== Hotline Area End ===== -->
```

```
<!--===== Start Blog Area =====-->
<!--===== End Blog Area =====-->
```

```
<!--===== Start Brands Area =====-->
```

```
<section class="brands-area background_one">
    <div class="container">
        <div class="row justify-content-center">
            <div class="col-lg-10">
                <div class="owl-carousel brand-carousel">
                    <!-- single-brand -->
                    <div class="single-brand-item d-table">
                        <div class="d-table-cell">
                            
                        </div>
                    </div>
                    <!-- single-brand -->
                    <div class="single-brand-item d-table">
                        <div class="d-table-cell">
                            
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>
```

```
</div>
</div>
<!-- single-brand -->
<div class="single-brand-item d-table">
  <div class="d-table-cell">
    
  </div>
</div>
<!-- single-brand -->
<div class="single-brand-item d-table">
  <div class="d-table-cell">
    
  </div>
</div>
<!-- single-brand -->
<div class="single-brand-item d-table">
  <div class="d-table-cell">
    
  </div>
</div>
<!-- single-brand -->
<div class="single-brand-item d-table">
  <div class="d-table-cell">
    
  </div>
</div>
</div>
```



```

        </div>
    </div>
</div>
</section>
<!--===== End Brands Area =====-->

<!-- start footer Area -->
<?php include_once('footer.php') ?>

```

About Page :-

```

<?php include_once('header.php') ?> <!--=====Header
Menu Area =====-->

<!--=====Home Banner Area =====-->
<section class="banner_area">
    <div class="banner_inner d-flex align-items-center">
        <div class="container">
            <div
                class="banner_content d-md-flex justify-content-between align-items-
center"
            >

```

```
<div class="mb-3 mb-md-0">
  <h2>About Us</h2>
  <p>Belding years moveth earth green behold wherein</p>
</div>
<div class="page_link">
  <a href="home1.php">Home</a>
  <a href="about.php">About Us</a>
</div>
</div>
</div>
</div>
</section>
<!--=====End Home Banner Area =====-->
```

```
<!--=====About Area =====-->
<section class="about-area">
  <div class="container">
    <div class="row align-items-center">
      <div class="col-md-10 offset-md-1 col-lg-6 offset-lg-6 offset-xl-7 col-xl-5">
        <div class="about-content">
          <h4>Second Abundantly<br>
            Move That Cattle Perform<br>
```

Appen Land</h4>

<h6>Give their their without moving were stars called so divide in female be moving night may fish him</h6>

<p>Give their their without moving were stars called so divide female be moving night may fish him own male vreated great Give their their without moving were. Stars called so divide female moving night may fish him own male created great opportunity deal.</p>

learn more

</div>

</div>

</div>

</div>

</section>

<!--=====About Area End =====-->

<!--===== appointment Area Starts =====-->

<!--===== appointment Area End =====-->

<!-- ===== testimonial section start ===== -->

<!--===== Start Brands Area =====-->

<section class="brands-area border-bottom">

<div class="container">

<div class="row justify-content-center">

<div class="col-lg-10">

<div class="owl-carousel brand-carousel">

<!-- single-brand -->

<div class="single-brand-item d-table">

<div class="d-table-cell">

</div>

</div>

<!-- single-brand -->

<div class="single-brand-item d-table">

<div class="d-table-cell">

</div>

</div>

<!-- single-brand -->

<div class="single-brand-item d-table">

<div class="d-table-cell">

</div>

</div>

<!-- single-brand -->

<div class="single-brand-item d-table">

<div class="d-table-cell">


```
<div class="banner_inner d-flex align-items-center">
  <div class="container">
    <div
      class="banner_content d-md-flex justify-content-between align-items-
center"
    >
      <div class="mb-3 mb-md-0">
        <h2>Login Form</h2>
      </div>
      <div class="page_link">
        <a href="home1.php">Home</a>
      </div>
    </div>
  </div>
</div>
</section>
<!--=====End Home Banner Area =====-->
```

```
<!-- ===== contact section start ===== -->
```

```
<section class="contact-section area-padding">
```

```
<div class="container">
```

```
<div class="d-none d-sm-block mb-5 pb-4">
```

```
<div class="row">
```

```
<div class="col-lg-6">
```

```
<form class="form-contact contact_form" action="code.php"
method="post">
  <div class="row">
    <div class="col-12">
      <div class="form-group">
        <input type="email" name="t1" class="form-control w-100"
placeholder="Enter Email-Id" required="required">
      </div>
    </div>
    <div class="col-12">
      <div class="form-group">
        <input type="password" name="t2" class="form-control w-100"
placeholder="Enter Password" required="required">
      </div>
    </div>
    <div class="form-group mt-3">
      <button type="submit" class="button button-
contactForm">Login</button>
    </div>
  </form>

</div>

<div class="col-lg-6">
```

```

</div>
</div>
</div>
</section>
<!-- ===== contact section end ===== -->
```

```
<!--===== Start Brands Area =====-->
<!--===== End Brands Area =====-->
```

```
<!-- start footer Area -->
<?php include_once("footer.php") ?>
```

Header Page :-

```
<?php
include_once("session.php");
?>
<!doctype html>
<html lang="en">
<head>
    <!-- Required meta tags -->
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">
    <link rel="icon" href="img/favicon.png" type="image/png">
```



```

<title>Pharmacy Management System</title>
<!-- Bootstrap CSS -->
<link rel="stylesheet" href="css/bootstrap.css">
<link rel="stylesheet" href="css/themify-icons.css">
<link rel="stylesheet" href="css/flaticon.css">
<link rel="stylesheet" href="vendors/fontawesome/css/all.min.css">
<link rel="stylesheet" href="vendors/owl-carousel/owl.carousel.min.css">
<link rel="stylesheet" href="vendors/animate-css/animate.css">
<!-- main css -->
<link rel="stylesheet" href="css/style.css">
<link rel="stylesheet" href="css/responsive.css">
</head>
<body>

<!--=====Header Menu Area =====-->
<header class="header_area">
  <div class="top_menu row m0">
    <div class="container">
      <div class="float-left">
        <a class="dn_btn" href="mailto:medical@example.com"><i
class="ti-email"></i>medical@example.com</a>
        <span class="dn_btn"> <i class="ti-location-pin"></i>Find our
Location</span>
      </div>
      <div class="float-right">
        <ul class="list_header_social">

```

```

        <li><a href="#"><i class="ti-facebook"></i></a></li>
        <li><a href="#"><i class="ti-twitter-alt"></i></a></li>
        <li><a href="#"><i class="ti-linkedin"></i></a></li>
        <li><a href="#"><i class="ti-skype"></i></a></li>
        <li><a href="#"><i class="ti-vimeo-alt"></i></a></li>
    </ul>
</div>
</div>
</div>
<div class="main_menu">
    <nav class="navbar navbar-expand-lg navbar-light">
        <div class="container">
            <h1 style="text-transform: uppercase;">Pharmacy Management
System</h1>
            <button class="navbar-toggler" type="button" data-
toggle="collapse" data-target="#navbarSupportedContent" aria-
controls="navbarSupportedContent" aria-expanded="false" aria-
label="Toggle navigation">
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
                <span class="icon-bar"></span>
            </button>
            <!-- Collect the nav links, forms, and other content for toggling -->
            <div class="collapse navbar-collapse offset"
id="navbarSupportedContent">
                <ul class="nav navbar-nav menu_nav ml-auto">

```

```
        <li class="nav-item"><a class="nav-link"
href="home1.php">Home</a></li>
        <li class="nav-item"><a class="nav-link"
href="about.php">About</a></li>
        <li class="nav-item"><a class="nav-link"
href="login.php">login</a></li>
    </ul>
</div>
</div>
</nav>
</div>
</header>
```

Footer Page :-

```
<footer class="footer-area area-padding-top">
    <div class="container">
        <div class="row">

            <div class="col-lg-12 col-md-12 single-footer-widget">
                <iframe
src="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d109741.0
2912911311!2d76.69348873658222!3d30.73506264436677!2m3!1f0!2f0!3f0!3m
2!1i1024!2i768!4f13.1!3m3!1m2!1s0x390fed0be66ec96b%3A0xa5ff67f9527319
fe!2sChandigarh!5e0!3m2!1sen!2sin!4v1557684263923!5m2!1sen!2sin"
width="100%" height="300" frameborder="0" style="border:0"
allowfullscreen></iframe>
            </div>
```

```

</div>
<div class="row footer-bottom d-flex justify-content-between">
  <p class="col-lg-8 col-sm-12 footer-text m-0">
    <!-- Link back to Colorlib can't be removed. Template is licensed
under CC BY 3.0. -->
    Copyright &copy;<script>document.write(new
Date().getFullYear());</script> All rights reserved | This template is made
with <i class="fa fa-heart" aria-hidden="true"></i> by <a
href="https://colorlib.com" target="_blank">Colorlib</a>
    <!-- Link back to Colorlib can't be removed. Template is licensed under CC
BY 3.0. -->
  </p>
  <div class="col-lg-4 col-sm-12 footer-social">
    <a href="#"><i class="fab fa-facebook-f"></i></a>
    <a href="#"><i class="fab fa-twitter"></i></a>
    <a href="#"><i class="fab fa-dribbble"></i></a>
    <a href="#"><i class="fab fa-linkedin"></i></a>
  </div>
</div>
</div>
</footer>
<!-- End footer Area -->

<!-- Optional JavaScript -->
<!-- jQuery first, then Popper.js, then Bootstrap JS -->
<script src="js/jquery-2.2.4.min.js"></script>
<script src="js/popper.js"></script>

```

```
<script src="js/bootstrap.min.js"></script>
<script src="js/stellar.js"></script>
<script src="vendors/owl-carousel/owl.carousel.min.js"></script>
<script src="js/jquery.ajaxchimp.min.js"></script>
<script src="js/waypoints.min.js"></script>
<script src="js/mail-script.js"></script>
<script src="js/contact.js"></script>
<script src="js/jquery.form.js"></script>
<script src="js/jquery.validate.min.js"></script>
<script src="js/mail-script.js"></script>
<script src="js/theme.js"></script>
</body>
</html>
```

TESTING

4.2) TESTING PHASE

4.2.1) SOFTWARE TESTING

Software testing is critical element of software quality assurance and represents the ultimate review of specification, design and coding. It is used to detect the errors. Testing is a dynamic method for verification and validation, where the system to be tested is executed and the behavior of the system is observed.

The basic goal of the software development process is to produce software that has no errors or very few errors. In an effort to detect errors soon after they are introduced, each phase ends with verification activity such as a review.

As testing is the last phase before the final software is delivered, it has the enormous responsibility of detecting any type of error that may in the software.

Testing

The system development life cycle involves the phases of testing and debugging after the requirement analysis, designing and coding. The project in question was tested , debugged and implemented successfully.

Two strategies of software testing adopted for the new system are as follows:

1. Code testing
2. Specification testing

1. Code testing

Code testing was carried out to see the correctness of the logic involved and the correctness of the modules. Tests were conducted based upon sample and live data as well. All the modules are checked separately for assuming correctness and accuracy in all the calculations.

2. Specification testing

It examines the specification stating about what program should do and how it performs under various conditions. This testing strategy is better strategy since it focuses on the way the software is expected to work.

4.2.2) OBJECTIVES OF TESTING

- Testing is a process of executing a program with the intent of finding an error.
- A good test case has a high portability of finding an as-yet-undiscovered error.
- Uncovers different classes of errors to save time and efforts.

4.2.3) TESTING METHODS

4.3.1.1) Black-box (Functional) Testing

Testing against specification of system or component. Study it by examining its inputs and related outputs. Key is to devise inputs that have a higher likelihood of causing outputs that reveal the presence of defects. Use experience and knowledge of domain to identify such test cases. Failing this, a systematic approach may be necessary. Equivalence partitioning is where the input to a program falls into a number of classes. E.g. positive numbers vs. negative numbers. Programs normally behave the same way for each member of a class. Partitions exist for both input and output. Partitions may be discrete or overlap. Invalid data (i.e. outside the normal partitions) is one or more partitions that should be tested. Test cases are chosen to exercise each portion. Also test boundary cases (typical, extreme, zero) since these frequently show up defects. For completeness, test all combinations of partitions. Black box testing is rarely exhaustive (because one doesn't test every value in an equivalence partition) and sometimes fails to reveal corruption defects caused by "weird" combination of inputs. Black box testing should not be used to try and reveal corruption defects caused, for example, by assigning a pointer to point to an object of the wrong type. Static inspection (or using a better programming language) is preferable for this.

4.3.1.2) White-box (Structural) Testing

Testing based on knowledge of structure of component (e.g. by looking at source code). Advantage is that structure of code can be used to find out how many test cases need to be performed. Knowledge of the algorithm (examination of the code) can be used to identify the equivalence partitions. Path testing is where the tester aims to exercise every independent execution path through the component. All conditional statements are tested for both true and false cases. If a unit has n control statements, there will be up to 2^n possible paths through it. This demonstrates that it is much easier to test small program units than large ones. Flow graphs are a pictorial representation of the paths of control through a program (ignoring assignments,

procedure calls and I/O statements). Use flow graph to design test cases that execute each path. Static tools may be used to make this easier in programs that have a complex branching structure. Tools like Dynamic program analyzers instrument a program with additional code. Typically this will count how many times each statement is executed. At the end, a print out report shows which statements had executed and which had not been executed.

4.3) TESTING STRATEGIES

4.3.1) UNIT TESTING

Unit testing focuses verification efforts on the smallest unit of software design. It is white box oriented. Unit testing is essentially for verification of the code produced during the coding phase and hence the goal is to test the internal logic of the module. Others consider a module for integration and use only after it has been unit tested satisfactorily.

4.3.2) Integration Testing

The next level testing that was performed is often referred to as integration testing. During this phase many unit tested modules were combined into subsystems, which were then tested. The goal here was to see if modules can be integrated properly. Here the emphasis was on testing interfaces between different constituent modules of system.

CONCLUSION

5.1) CONCLUSION

5.1.1) Domain Experience

Tata communication is working on various technologies. Also the individual responsibilities are more. So, I have learnt a lot.

5.1.2) Exposure to entirely different technology

Working on php, javascript for the first time was a very enriching experience. I had never worked on this platform earlier. So it added to my list of know how and the computer languages known to me.

5.1.3) Database Implementation

I had earlier made database but worked on MYSQL Server for the first time. I learnt many new things about database creation, concept of stored procedure etc. We learn many things theoretically as part of our curriculum but here I got a chance to apply my knowledge practically and enhance it also at the same time.

5.1.4) Implementation of User Interface Layer (UI Layer)

I have also designed the UI layer that contains the web pages designed in Html,Css and Java Script. Also it contains the Code Behind pages to implement the programming logic. The code behind the pages is used within the php scripting language. **BLACK DIAMOND (A HOTEL WEBSITE)** will be very useful for users. So at last the conclusions regarding project is that it will be the better hotel website to show the information of this hotel.

FUTURE SCOPE

5.2) FUTURE SCOPE

Completion of the development process will result in a software package that will provide user-friendly environment, which is very easy to work with, even for people with very little knowledge of computer.

This software will be better in future for the newly joined employees and for the interns who can easily upgrade this software by using their own creativity and new thoughts.

BIBLIOGRAPHY

BIBLIOGRAPHY

6.1) BOOKS

- (1) Robin nixon "Learning php and javascript" orielly publication, 1st-edition july 2009 ISBN-978-0-596-15713-5

- (2) Janet valade “Php_mysql web development all in one” 1st-edition 2008 , ISBN-978-0-470-16777-9
- (3) Liyan beighly, Michael Morrison “Head first php,mysql” edition-1st, 2008, ISBN-978-0-596-00630-3
- (4) Elisabeth Freeman & Eric Freeman “Head first html,css and xhtml” edition-1st, 2008, ISBN- 978-0-596-10197-8

6.2) URL’S-

- (1) <http://it-ebooks.info/>
- (2) WWW.headfirstlabs.com/
- (3) www.W3schools.com/