WEBSITE FOR ANAADI FOUNDATION

Major Project Report

Submitted by

VISHNU.K

(N8MCAL046)

Under the guidance of

Dr.R.GUNAVATHI ,MCA., M.Phil., Ph.D.

Head of the Department, MCA

In partial fulfillment of the requirements

for the award of the degree of

MASTER OF COMPUTER APPLICATIONS

Bharathiar University, Coimbatore

PG AND RESEARCH DEPARTMENT OF COMPUTER APPLICATION (MCA)

SREE SARASWATHI THYAGARAJA COLLEGE, POLLACHI

(An Autonomous, NAAC Re-Accredited with 'A' Grade, ISO 9001:2008 Certified Institution
Affiliated to Bharathiar University, Coimbatore, Approved by UGC for 2(f) & 12(B) status)

MAY-2020

CERTIFICATE

This is to certify that the project work entitled **"**WEBSITE FOR ANAADI FOUNDATION" is a Bonafide record of work done by **VISHNU K (REG.NO: N8MCAL046)** submitted in partial fulfillment of the requirement for the award of the degree **MASTER OF COMPUTER APPLICATIONS** of Bharathiar University, Coimbatore under my supervision.

Date: **Signature of the Guide**

Place:

Counter Signed by

H.O. D **DIRECTOR**

External Viva-voice Conducted on ----------

INTERNAL EXAMINER **EXTERNAL EXAMINER**

DECLARATION

I am, VISHNU.K (REG.NO: N8MCAL046) do hereby declare that this project entitled “WEBSITE FOR ANAADI FOUNDATION-website for store patient records and giving online appointments on process “submitted to the Bharathiar University, Coimbatore in partial fulfillment of the requirement for the award of the degree MASTER OF COMPUTER APPLICATIONS., is a record of original work done by me during the period of study at SREE SARASWATHI THYAGARAJA COLLEGE Under the guidance of Dr.R.GUNAVATHI, MCA., M.Phil., Ph.D. Head of the Department, MCA

Date:

Place: Signature of the Candidate

(Vishnu.K)

ACKNOWLEDGEMET

The success of my project depends upon the efforts invested. It's my duty to acknowledge and thank the individuals who have contributed in the successful completion of the project.

I take this opportunity to express my profound and whole hearted thanks to the Management and **Dr. A. SOMU Principal,** Sree Saraswathi Thyagaraja College, Pollachi, for givig me excellent facilities and encouragement provided during the course of study and project.

My sincere thanks to my project guide **Dr.A.SARAVANAN MCA., M.Phil., Ph.D., science-Director** Sree Saraswathi Thyagaraja College, Pollachi, for his support and encouragement to undergo my project successfully.

I express my deep sense of gratitude and sincere thanks to **Dr. R. GUNAVATHI, M.C.A., M.Phil., Ph.D., Guide and Head of the Department, MCA** Sree Saraswathi Thyagaraja College, Pollachi, for her valuable advice, constant attention and proper Guidance on my project work.

The successful completion of my project would not have been possible without **my parent sacrifice, guidance and prayers.** I take this opportunity to thank them very much for their continuous encouragement. I convey my thankfulness to all **my friend who are with to share my happiness and agony.**

ABSTRACT

The project entitled “Website for Anaadi foundation-health care” has been developed using HTML, CSS, PHP, and Bootstrap front and My SQL as Back end. In India, a large part of the health care sector works. The rest is directly dependent on the sector.

The Project is divided into third modules. First one is admin module which has the permissions for Administrators to maintain the website. such as the add, Remove, View the patient details.

In the second module patient can view and update their details, the user can see our health check-up reports and the patient profile and prescription what they are looking for.

In the third module doctors can patients’ appointments and patients report, prescriptions, doctor profile.

This project is based on the E-Advertisement system that is a platform for reach people new patients. Admin add their viewing patients’ details.

.

INTRODUCTION

1. INTRODUCTION

1.1 ABOUT THE ORGANIZATION

"ANAADI FOUNDATION" was started in Ivarmalai. The proprietor of the concern is **Mr**.**Adinarayanan,** The foundation works with various kinds of processes such as valuations about foundations, medical camp,, etc., make it grow higher stage in recent days. The organisation is also undertaken the following activities

- Analyse survey reports, maps, and other health related data
- Consider health issues giving aiyurvedha treatments for poor village peoples and entirely providing free treatments

1.2 PROJECT OVERVIEW

The project entitled as" WEBSITE FOR ANAADI FOUNDATION". This project is a web-based application for the online implementation which can be used by all the patients. Appointments for doctors and free suggestions online by choosing the listed patient details from website.

The Project is divided into third modules. First one is admin module which has the permissions for Administrators to maintain the website. such as the add, Remove, View the patient details.

In the second module patient can view and update their details, the user can see our health check-up reports and the patient profile and prescription what they are looking for.

In the third module doctors can patients' appointments and patients report, prescriptions, doctor profile.

This project is based on the E-Advertisement system that is a platform for reach people new patients. Admin add their viewing patients' details.

MODULE DESCRIPTION

ADMIN MODULE

The admin module contains the login id and password. Though which the administrator can create their login.

HOME

In Home page both admin and doctors can login and register.

DOCTOR PANEL

Doctor module is containing appointments, patient details, treatment details, doctor profile.

- **ADD PATIENTS**

  Admin can add the new admission of the patients and the details through is module.

- **UPDATE PATIENTS**

  In this module if any updates can be done (edit, remove).

- **VIEW ADMISSION PATIENTS**

  The available patients' details can be viewed by this module.

- **VIEW COMMENT**

  The feedbacks can be viewed by the admin using this module.

- **COMPLIANT**

  The feedback about the bikes is registered in this module. If any complaints against the bike it can be updated in this module.

2.SYSTEM ANALYSIS

2.1 EXISTING SYSTEM

The existing system is a system in which everything is used to maintain manually .user want to give complaints or feedback manually. For example, to maintain the patient details, doctor details, complaints, feedback etc. So that there is a time consumption.

Disadvantages

- The patient details are maintained in the records using excel.
- Verification of data is tedious
- Editing the records manually
- Retrieval of information takes more time
- While entering the data manually, some data might miss out

PROPOSED SYSTEM

The proposed system is fully computerized, which removes all the drawbacks of existing system. Proposed system is an online application that can be accessed throughout the organization and outside as well with proper login provided.

Advantages

- Online Classifieds offer simple solutions to your classified advertising needs
- Promote your foundation, free social service to a vast audience
- Customize ads to fit individual or foundation needs
- Convenient and easy to use

2.2 SYSTEM SPECIFICATION

2.2.1 Hardware Specification

Processor	**:**	Pentium III or Higher
Memory	**:**	128 MB RAM or More
Hard disk Requirement	**:**	Free 500MB on installation drive

2.2.2 Software Specification

Operating System	**:**	Windows 7 & Windows 8
Scripting Language	**:**	PHP
Database	**:**	MYSQL
Web server	**:**	XAMPP (OR) WAMP

2.2.3 SOFTWARE DESCRIPTION

About the Software

PHP

PHP stands for PHP Hypertext Pre-processors. It is a server-side programming language specifically designed for creating dynamic web pages. The language was originally developed in 1994 by Ramsey Leadoff and has since been expanded to become one of the WWW's most popular scripting languages. According to 2005 Net draft statistics, PHP is currently being used in over 23,000,000 domains. Like other types of server-side languages such as ASP, ASP.NET, and JSP, PHP code is processed on the web server and generates the XHTML code or other output that can be viewed in the browser. Unlike other server-side languages, PHP is an open source product, meaning everyone has access to the source code and can use, alter, and redistribute it all without charge.

PHP 5 can be run on just about any type of operating system and Web server. However, in order for PHP scripts to be processed, the PHP interpreter must be installed. The software is available in two forms - complete source code and executable binaries. These days, most Linux systems come with the PHP source code. For non-Unix/Linux systems, binaries can be downloaded at http://www.php.net/downloads.php.

PHP provides support for MYSQL through an array of functions that can be used to manipulate MYSQL data. The purpose of this tutorial is to introduce those functions commonly used in PHP data-driven applications for retrieving, updating, inserting, and deleting data.

MYSQL

The MYSQL database has become the world's most popular open source database because of its consistent fast performance, high reliability and ease of use. It's used in more than 6 million installations ranging from large corporations to specialized embedded applications on every continent in the world. MYSQL is an open source Relational Database Management System. MYSQL is very fast reliable and flexible Database Management System. It provides a very high performance and it is multi-threaded and multi user Relational Database management system.

MYSQL Features

MYSQL are very fast and much reliable for any type of application. MYSQL is very Lightweight application. MYSQL command line tool is very powerful and can be used to run SQL queries against database. MYSQL supports indexing and binary objects. It is allowed changes to structure of table while server is running.

MYSQL has a wide user base. It is a very fast thread-based memory allocation system. MYSQL code is tested with different compilers. MYSQL is available as a separate program for use in a client/server network environment. The MYSQL available for the most UNIX Operating platform.MYSQL are the available for window operating system window NT, window 95, and window 98. MySQL available for OS/2. Programming libraries for C, Python, PHP, JAVA, Delphi etc. are available to connect to MYSQL database.

MYSQL Advantage

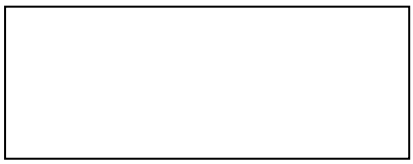
MYSQL is very reliable and high-performance relational database management system. It can used to store many GB's of data into database. MYSQL source code is available that's why now you can recompile the source code. MYSQL supports more them twenty different Platform including the major Linux distribution. Mac OS, UNIX and Microsoft Windows.

3.SYSTEM DESIGN

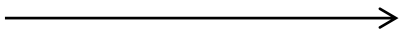
3.1 DESIGN NOTATION

System design is the process of planning a new system to complement or altogether replace the old system. The purpose of the design phase is the first step in moving from the problem domain to the solution domain. The design of the system is the critical aspect that affects the quality of the software. System design is also called top-level design.

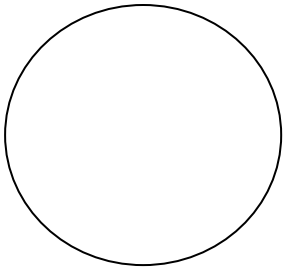
Data Flow Diagram Symbols



- **Entity**



- **Dataflow**



- **Process**

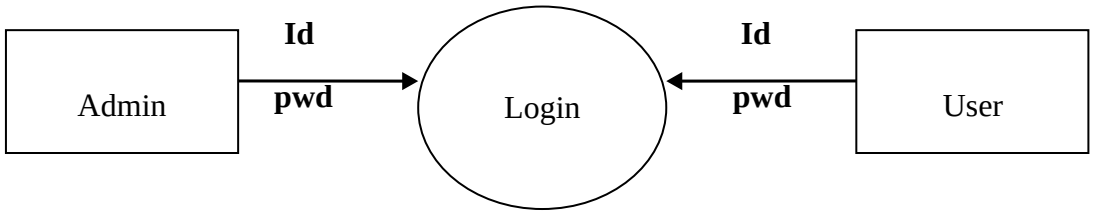
- **Storage**

3.1.1 DATAFLOW DIAGRAM

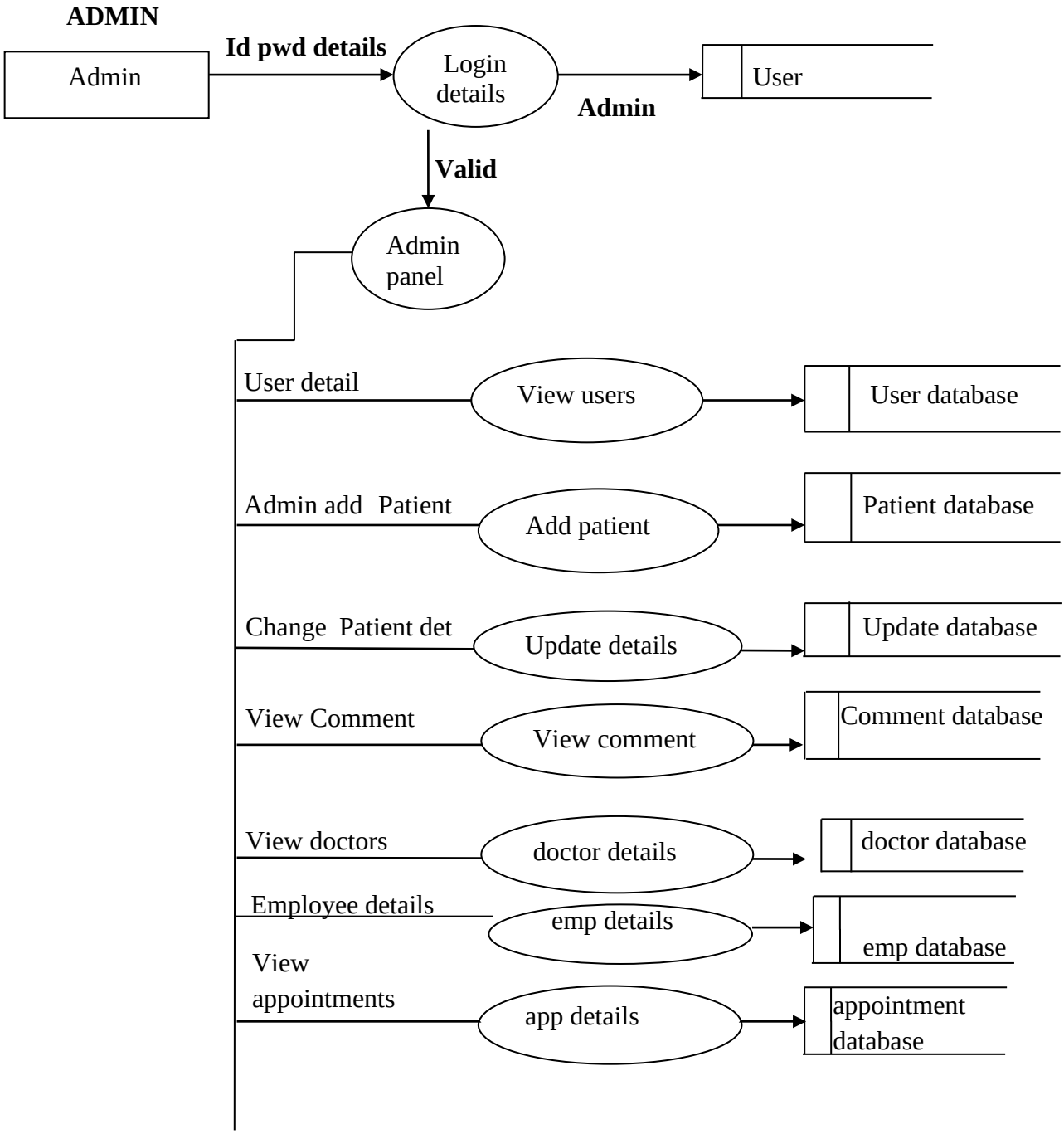
Data flow diagrams are directed graphs in which the nodes specify processing activities and arches that specify the data items transmitted between processing nodes. It is a representation because it is used to convey the flow of data and the processes involved in a problem.

A data flow diagram can be used to represent data flow between individual statements or block statements in a routine, data flow between sequential routines, between concurrent processes or data flow in a distributed computing system, where each node represents a geographically remote processing unit.

Level 0:

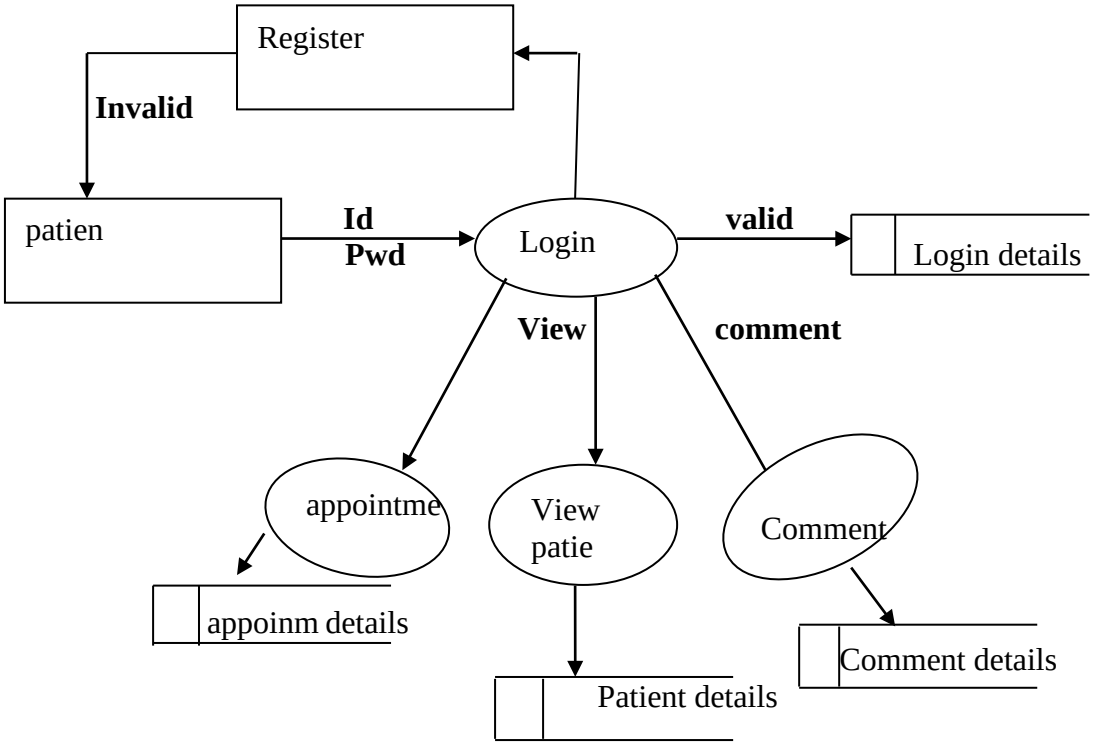


Level 1:


ADMIN
Admin
Id pwd details
Login details
User
Admin
Valid
Admin panel
User detail
View users
User database
Admin add Patient
Add patient
Patient database
Change Patient det
Update details
Update database
View Comment
View comment
Comment database
View doctors
doctor details
doctor database
Employee details
emp details
emp database
View appointments
app details
appointment database

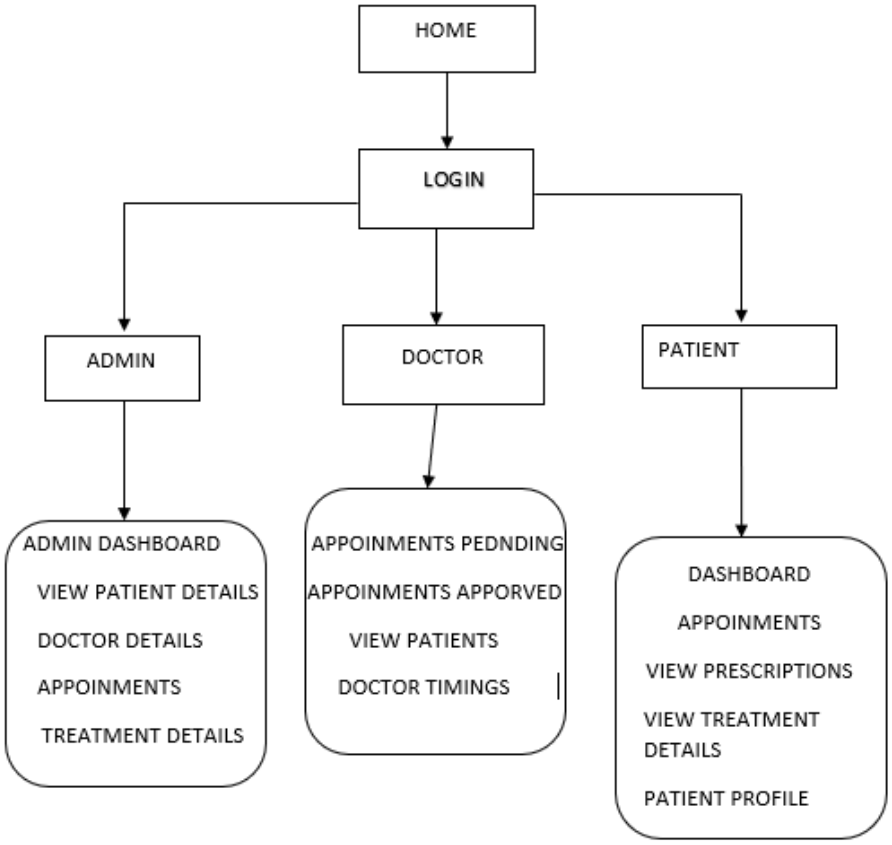
Level 2:

User

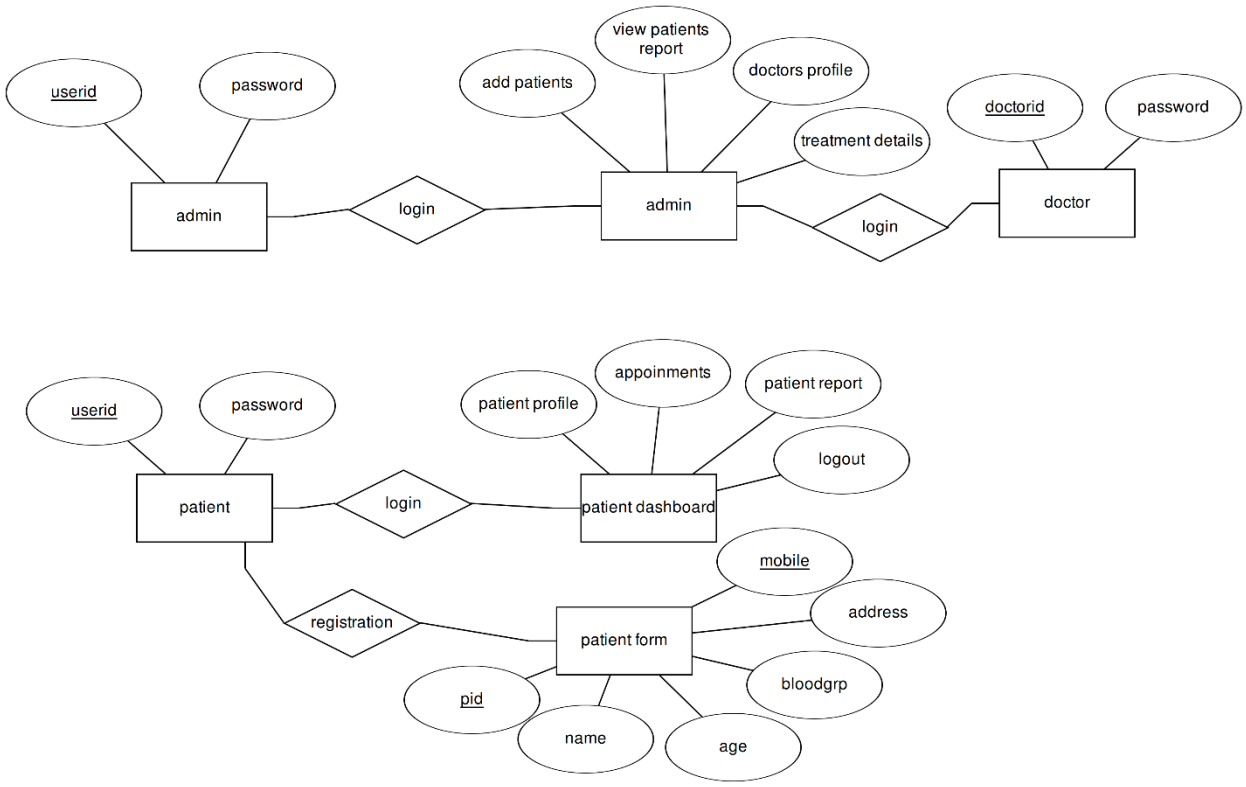

Register
Invalid
patien
Id
Pwd
Login
valid
Login details
View
comment
appointme
View
patie
Comment
appoinm details
Comment details
Patient details

3.1.2 SYSTEM FLOW DIAGRAM

System Flow Diagram is basically a graphical and sequential representation of the major steps involved in a systematic process. An SFD (**System Flow Diagram**) shows what kind of information will be input to and output from the system, where the data will come from and go to, and where the data will be stored.



3.1.3 ER-DIAGRAM



3.2 Input Design

Input design is a process of connecting the user-oriented inputs in to a computer to used formats. The goal of the input design is to make data entry logical and free from errors.

Errors in the input database controlled by input design.

This application is being developed in a user-friendly manner. An option of selecting an appropriate input from the values of validation is made for each of the data entered.

Various screens are used to serve as data entry screens in order to input data into the system and retrieve data from the system

- **Patient form**

  This form is used to store the product details such as name, patient and id.

- **Treatment form**

  This form is used to store the treatment details such as giving medicines.

3.2.2 DATABASE DESIGN

The database is a collection of inter-related data store with a minimum of redundancy to serve many applications. It minimizes the artificiality embedded in using separate file. The primary objectives are fast response time to inquire more information at low cost, control redundancy, clarity and ease or use accuracy and fast recovery. The overall objective in the development of a database is to treat and organizational resource and as an integrated whole.

TABLE DESIGN

Table Name: Admin Details

Serial no	Field Name	Data Type	Constraints	Description
1	Email	VARCHAR (20)	null	Email Id
2	Pass	VARCHAR (10)	Not null	password

Purpose: To store the admin details

Table Name: Admin blog

Primary key: patient id

Serial no	Field Name	Data Type	Constraints	Description
1	P-Id	INT (10)	Not null	Patient id
2	P-Name	VARCHAR (20)	Not null	Patient name
3	P-address	VARCHAR (20)	Not null	Patient add
4	P-gender	VARCHAR (20)	Not null	Patient gen
5	P-bloodgrp	VARCHAR (20)	Not null	Patient bgrp
6	Mobile	INT (10)	Not null	mobile number

Table Name: User Registration details

Primary key: User id

Purpose: To store the user details

Serial no	Field Name	Data Type	Constraints	Description
1	F-Name	VARCHAR (20)	Not null	First Name
2	L-Name	VARCHAR (20)	Not null	Last Name
3	Add	VARCHAR (20)	Not null	Address
4	Mobile	INT (10)	Not null	Mobile no
5	Area	VARCHAR (20)	Not null	Area
6	Pin code	INT (10)	Not null	Pin code
7	Email	VARCHAR (20)	Not null	Email Id
8	Pass	VARCHAR (20)	Not null	Password

Table Name: doctor

Serial no	Field Name	Data Type	Constraints	Description
1	doctor-id	INT (10)	Not null	doctor id
2	doctor-name	VARCHAR (20)	Not null	doctor name
3	mobile	VARCHAR (20)	Not null	M number
4	experience	VARCHAR (20)	Not null	experience
5	Login id	VARCHAR (20)	Not null	Login id
6	password	VARCHAR (20)	Not null	password

Table Name: Treatment detail

Primary key: T-id

Purpose: To view the Treatment details

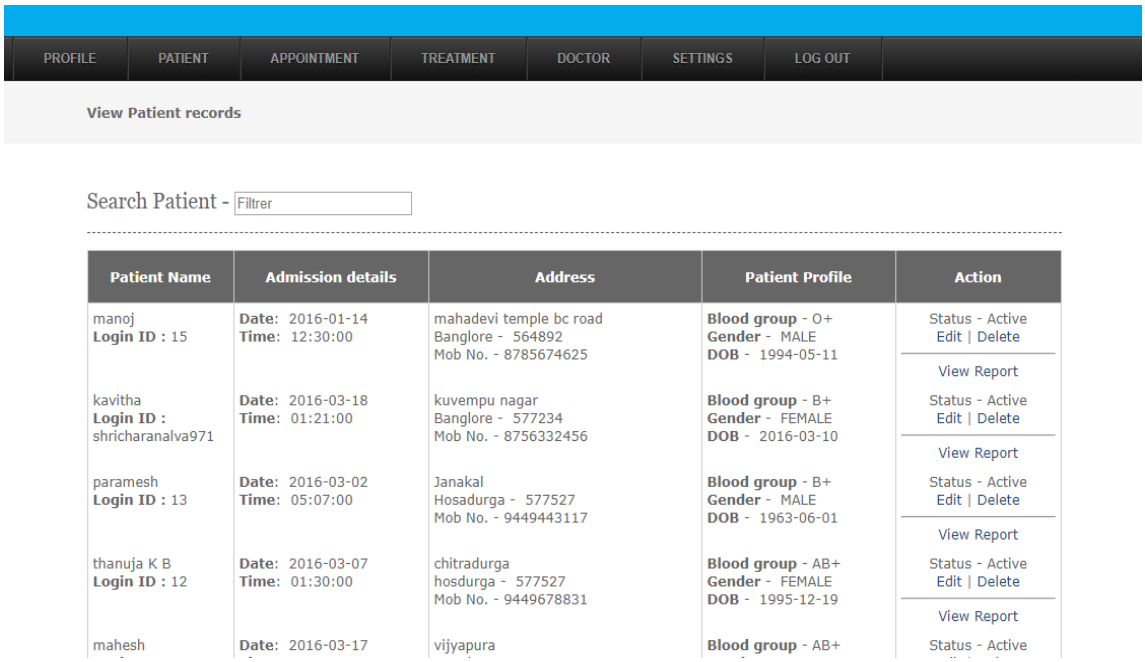
Serial no	Field Name	Data Type	constraints	Description
1	T-id	INT (10)	Not null	Treatment id
2	T-type	VARCHAR (20)	Not null	Treatment type
3	medicine	VARCHAR (20)	Not null	Medicine name

3.2.3 OUTPUT DESIGN

Output design has been an ongoing activity from the very beginning of the project. The objective of the output design is to convey the information of all past activity, current status and to emphasize important events. The output generally refers to the results and information that is generated from the system. The output design is used to give reports. They are used to communicate the result of processing hard copy of the result.

The output reports and input documents should be documented in terms of data content and approximate layout; it is not necessary to define the methods of presentation. It is possible to work back for the output data items are derived by calculations or by logical deduction.

Presentation the data processed by a computer – based information system in an attractive and usable form is very important. Very often, the success and acceptance of a system depends on good output presentation. It is thus essential for a system analyst to understand how to design output presentation. With advances in computer technology, many new output devices are being introduced in the market.



4.SYSTEM TESTING

4.1 TEST CASE

System testing is actually a series of different tests whose primary purpose is to fully exercise the computer-based system. Although each test has a different purpose, all work to verify that all system elements have been properly integrated and perform allocated functions.

Testing is the final verification and validation activity within the organization itself. Testing is done to achieve the following goals; to affirm the quality of the product, to find and eliminate any residual errors from previous stages, to validate the software as a solution to the original problem, to demonstrate the presence of all specified functionality in the product, to estimate the operational reliability of the system. During testing the major activities are concentrated on the examination and modification of the source code.

Types of testing

The following are the Testing Methodologies:

- Unit Testing.
- Integration Testing.
- User Acceptance Testing.
- Output Testing.
- Validation Testing.

Unit Testing

Unit testing focuses verification effort on the smallest unit of Software design that is the module. Unit testing exercises specific paths in a module's control structure to ensure complete coverage and maximum error detection in Ecru. It tests every unit of project. This test focuses on each module individually, ensuring that it functions properly as a unit. Hence, the naming is Unit Testing.

Integration Testing

Integration testing addresses the issues associated with the dual problems of verification and program construction. After the software has been integrated a set of high order tests are conducted. The main objective in this testing process is to take unit tested modules and builds a program structure that has been dictated by design.

The following are the types of Integration Testing:

1. Top Down Integration

This method is an incremental approach to the construction of program structure. Modules are integrated by moving downward through the control hierarchy, beginning with the main program module. The module subordinates to the main program module are incorporated into the structure in either a depth first or breath first manner.

2. Bottom-up Integration

This method begins the construction and testing with the modules at the lowest level in the program structure. Since the modules are integrated from the bottom up, processing required for modules subordinate to a given level is always available and the need for stubs is eliminated. The bottom up integration strategy may be implemented with the following steps:

- The low-level modules are combined into clusters into clusters that perform a specific Software sub-function.

- A driver (i.e.) the control program for testing is written to coordinate test case input and output.
- The cluster is tested.
- Drivers are removed and clusters are combined moving upward in the program structure

User Acceptance Testing:

User Acceptance of a system is the key factor for the success of any system. The system under consideration is tested for user acceptance by constantly in touch with the prospective system users at time of developing and making changes wherever required is done in regard to the following point:

- Input Screen design
- Output Screen design
- Menu driven system

Testing for Output:

After performing the validation testing, the next step is output testing of the proposed system, since no system could be useful if it does not produce the required output in the specified format. Asking the users about the format required by them tests the outputs generated or displayed by the system under consideration. Hence the output format is considered in 2 ways – one is on screen and another in printed format.

Validation Checking:

Validation checks are performed on the following fields.

Text Field:

The text field can contain only the number of characters lesser than or equal to its size. The text fields are alphanumeric in some tables and alphabetic in other tables. Incorrect entry always flashes and error message.

Numeric Field:

The numeric field can contain only numbers from 0 to 9. An entry of any character flashes an error message. The individual modules are checked for accuracy and what it has to perform. Each module is subjected to test run along with sample data. The individually tested modules are integrated into a single system. Testing involves executing the real data information is used in the program the existence of any program defect is inferred from the output. The testing should be planned so that all the requirements are individually tested.

4.2 SYSTEM IMPLEMENTATION

A project in general is implemented after navigating the computer life cycle method of the project. Various life cycle process such as requirement analysis, design phase, verification, testing and finally followed by the implementation phase results in a successful project management. The project which is basically a web-based application has been successfully implemented after passing various life cycle process mentioned above.

As the project is to be implemented in a high standard industrial sector, various factors such as application environment, user management, security, reliability and finally performance are taken as key factors throughout the design phase. These factors are analysed step by step and the positive as well as negative outcomes are noted down before the final implementation.

Security and authentication are maintained in both user level as well as the management level. The data is stored in PHP MYSQL is highly reliable and simpler to use, the user level security is managed with the help of password options and sessions, which finally ensures that all the transactions are made securely.

The applications validations are made, taken into account of the entry levels available in various modules. Possible restrictions like number formatting, date formatting and confirmations for both save and update options ensure the correct data to be fed into the database. Thus, all the aspects are charted out and the complete project study is practically implemented successfully for the end users.

5.CONCLUSION

5.1 CONCLUSION

The project is developed with PHP and MYSQL as back end. The user-friendly package is tested in various stages. The databases are tested from data file management and found to be highly reliable.

The whole system is designed in such a manner that this package is to be simple one, that the user can be patients and doctors maintaining records and treatment details using analyse predict a future health issue.

A good number of user-friendly features have been incorporated in the system. This makes the user to use the system perfectly.

5. 2 FUTURE ENHANCEMENT

The major challenge in today's modern computer is fast and easy retrieval of information and getting doubts cleared in a most easy and effective manner. The system could be further enhanced and could be used still more effectively in mere future.

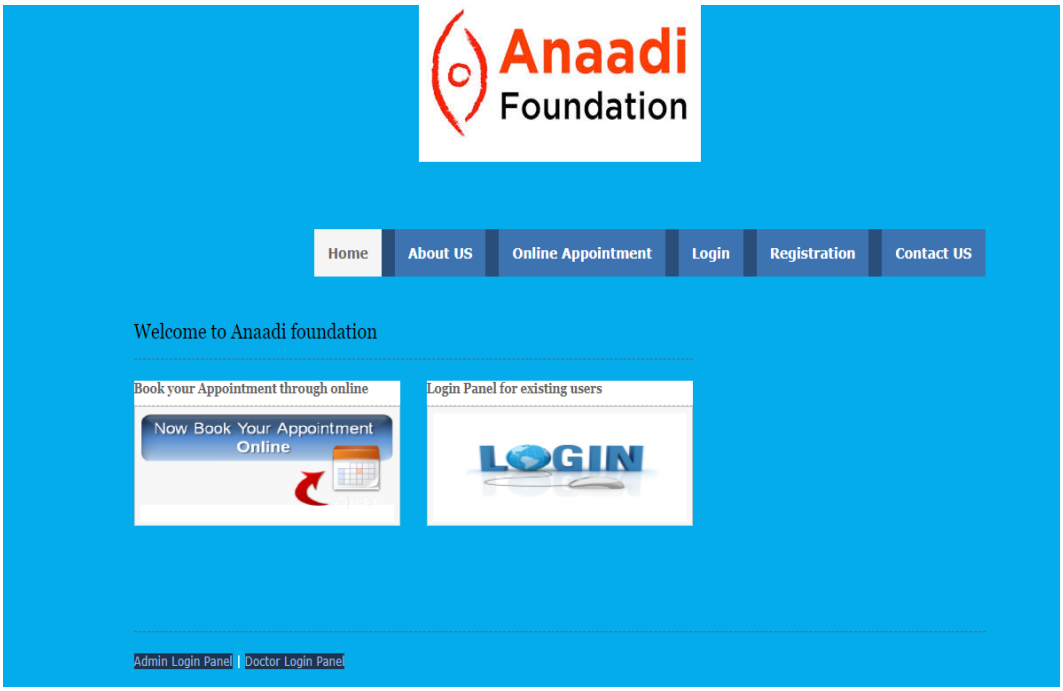
This Application does not also contain Video chat system. This can also be added in to the system. The system does not contain any e-mail system within it. This system could be added for easy and faster communication.

There is no scrap page available for the members in the community groups, this facility could also be added. There is no facility to add the photo for the members, this facility could also be added. By adding these facilities into system will strive to the better performance of the application.

6.BIBLIOGRAPHY

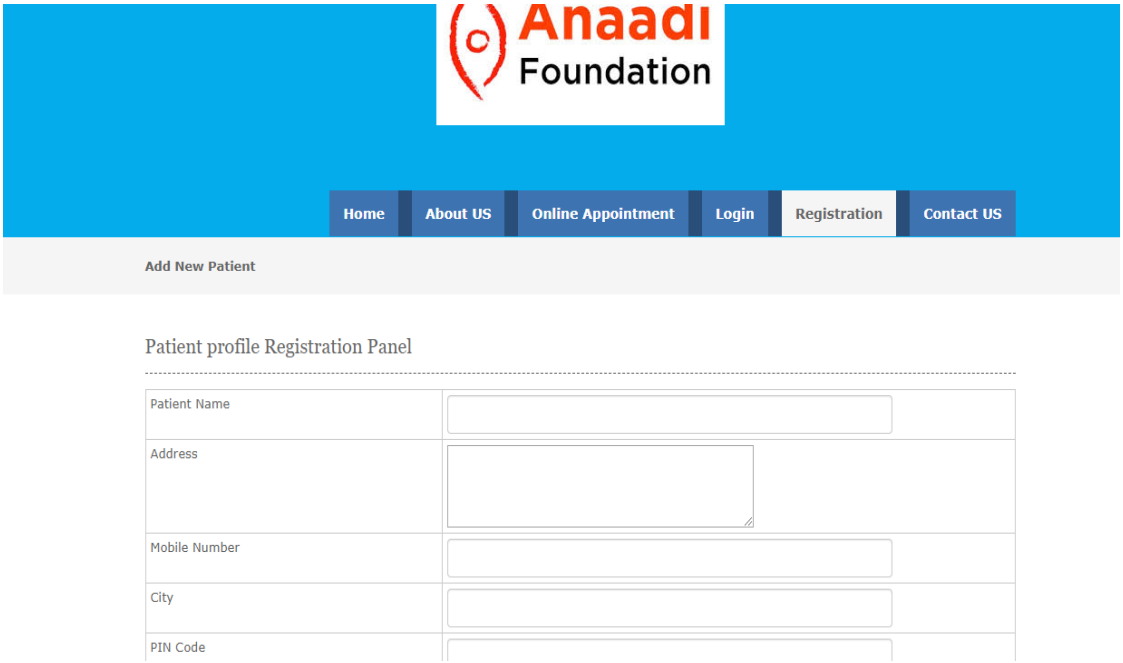
6.1 Sample screens

HOME

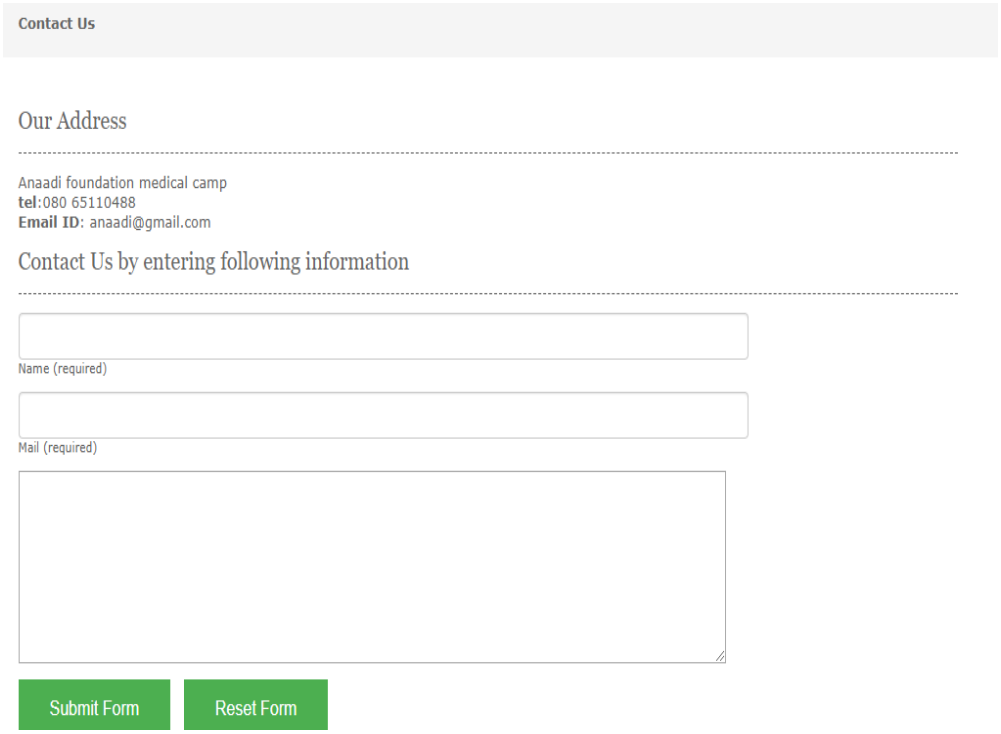


ADMIN LOGIN

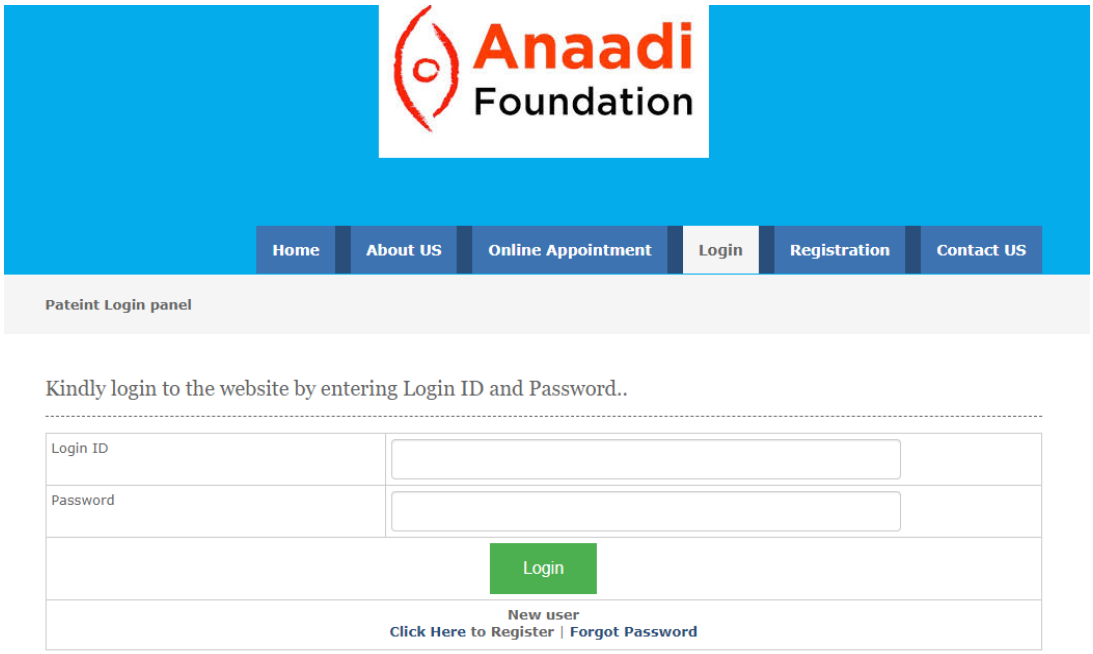
REGISTRATION



CONTACT

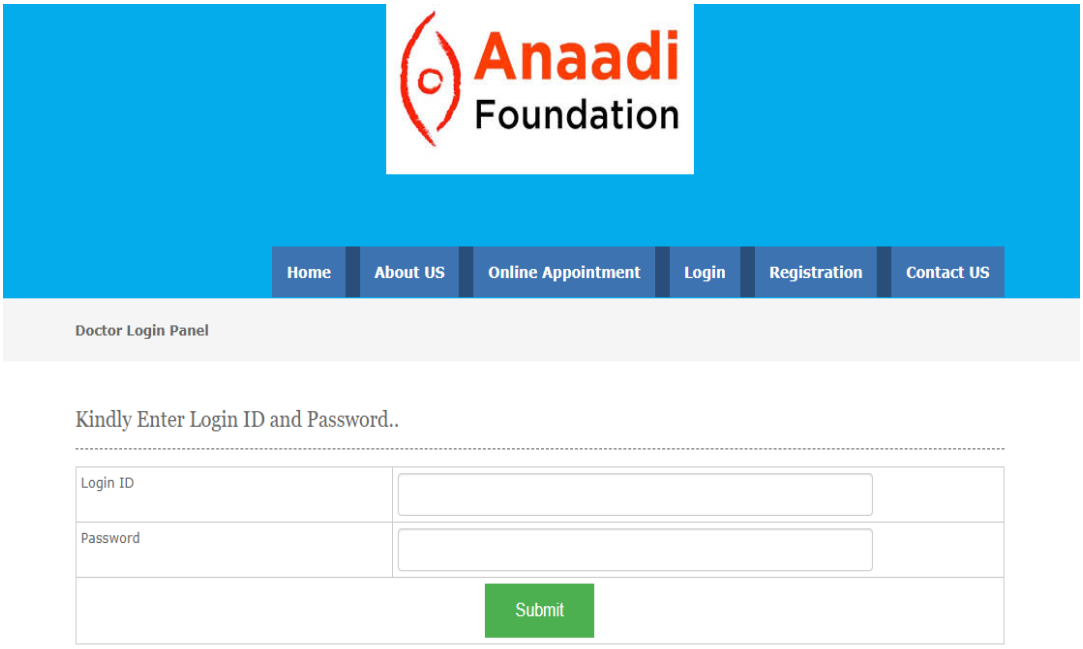


PATIENT LOGIN



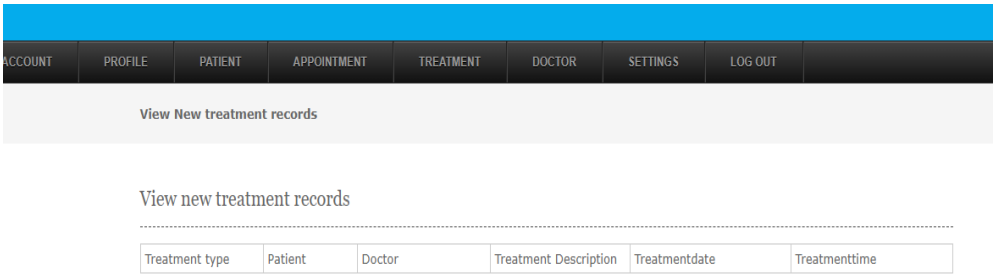
PATIENT ACCOUNT

DOCTOR LOGIN

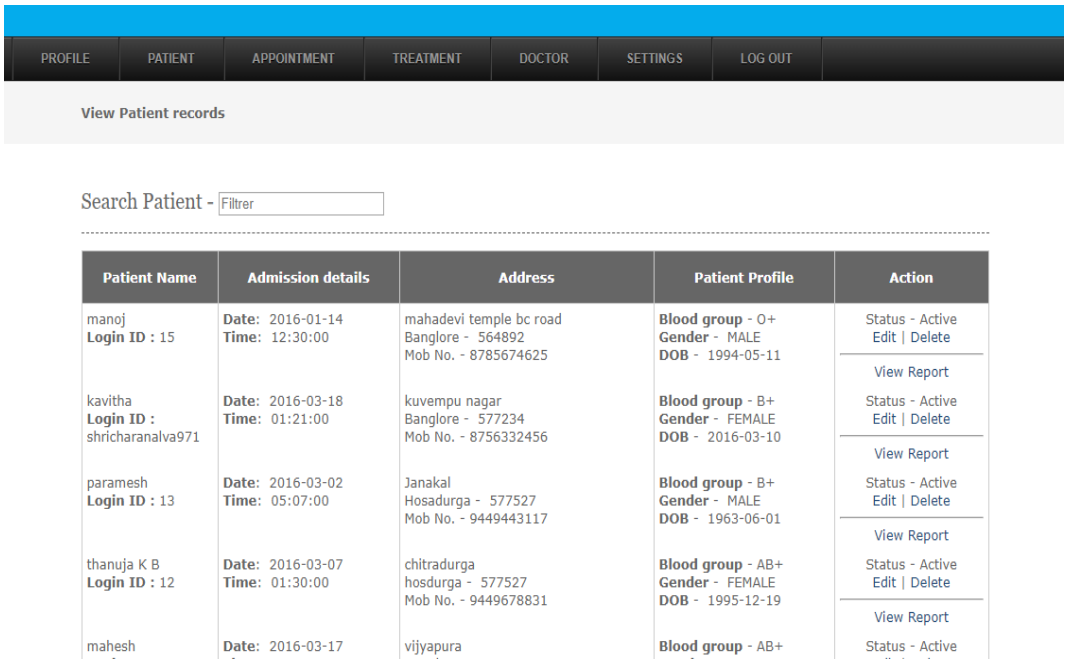


DOCTOR PANEL

TREATMENT DETAIL



VIEW PATIENT DETAIL



6.2 REFERENCES

Books:

- Matt Doyle, **Beginning PHP 5.3**, Published by Wiley Publishing, Inc. 10475 Cross point Boulevard, Indianapolis, IN 46256.
- Larry Pullman, **PHP and MYSQL for Dynamic Web Sites** Fourth Edition, Peach pit Press, 1249 Eighth Street, Berkeley, CA 94710.
- Luke Welling and Laura Thompson **PHP and MYSQL Web Development** Second Edition, Same Publishing, 201 West 103rd Street, Indianapolis, Indiana 46290.
- Haskin Harder, **Object-Oriented Programming with PHP5** Learn to leverage PHP5's OOP features to write manageable applications with ease, Published by Packet Publishing Ltd. 32 Lincoln Road Olton Birmingham, B27 6PA, UK.

Websites:

- http://www.php.net/manual/en/
- www.w3schools.com
- www.tutorialpoint.com
- www.bootstrap.com

1. APPENDIX

SAMPLE CODING

```
<!DOCTYPE>
<html><link HREF ="bootstrap.css" ref= "style sheet">
<link  HREF ="bootstrap-switch.css" ref="style sheet">
<link ref='style sheet' id='BNS-Corner-Logo-Style-css'  HREF
='social_icons_from_Techandallcom.css' type='text/css' media='screen' />
<script Src="jquery.js"></script>
<script src="bootstrap-switch.js"></script>
<link ref="stylesheet" HREF ="css/bootstrap.min.css">
<scriptsrc="js/jquery.min.js"></script>
<scriptsrc="js/bootstrap.min.js"></script>
< LI ><a style="color: #fff" HREF ="index.php"><h4>Home</h4></a></li>
< LI ><a style="color: #fff" HREF ="servic.php"><h4>Services</h4></a></li>
< LI ><a style="color: #fff" HREF ="contact.php"><h4>Contact Us</h4></a></ LI >
< LI ><a style="color: #fff" HREF ="agentlogin.php"><h3>Login</h3></a></ LI >
< LI ><a style="color: #fff" HREF
="agentregister.php"><h3>Register</h3></a></ LI >

</UL>
</div>
</header>
<div id= "number" class= "number-collapse collapse">
<UL class="num number-num number-right">
        <       LI      ><a     style="color:  #fff"    HREF  ="viweagent.php"><h4>View
agent</h4></a></ LI >
<       LI      ><a     style="color:#fff"      HREF      ="addbike.php"><h4>Add
Bike/stock</h4></a></ LI>
< LI ><a style="color: #fff" HREF ="addbike.php"><h4>Update bike</h4></a></
LI >
```

< LI ><h4>View buy</h4></ LI >

< LI ><h4>View available</h4></ LI >

< LI ><h4>View comment</h4></ LI >

< LI ><h4></h4></ LI >

<LI><h4>Logout</h4></ LI >

</UL> <!--/.num-collapse -->

</num>