SMART HEALTH CARE

PROJECT REPORT

DATABASE MANAGEMENT SYSTEMS (CSE2004)

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Slot:- L41+L42

VIT®

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

November, 2018

CERTIFICATE

This is to certify that the project work entitled **"SMART HEALTH CARE"** that is being submitted for (CSE2004) is a record of bonafide work done under my supervision. The contents of this project work, in full or in parts, have neither been taken from any other source nor have been submitted for any other CAL course.

Place : Vellore

Date :

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Signature of Faculty :

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ACKNOWLEDGEMENTS

A deepest gratitude and sincere thanks to Prof. Nagaraju M. in helping us complete our Project with several learning outcomes.

We feel deeply obliged to thank the SCOPE (School of Computer Science and Engineering) Department and the VIT University for their services rendered and for giving us an opportunity to carry out our studies at the University.

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ABSTRACT

The purpose of the project entitled as “SMART HEALTH CARE” is to computerize the Front Office Management of Hospital to develop software which is user friendly simple, fast, and cost – effective. It deals with the collection of patient’s information, diagnosis details, etc. Traditionally, it was done manually. The main function of the system is register and store patient details and doctor details and retrieve these details as and when required, and also to manipulate these details meaningfully System input contains patient details, diagnosis details, while system output is to get these details on to the screen. The Smart Health Care System can be entered using a username and password. It is accessible either by an administrator or Doctor or patient. Only they can add data into the database. The data can be retrieved easily. The data are well protected for personal use and makes the data processing very fast.

INTRODUCTION

The project Smart Health Care system includes registration of patients, storing their details into the system. The software has the facility to give a unique id for every patient and stores the details of every patient and the staff . It includes a search facility to know the current status of appointment. User can search availability of a doctor and the details of a patient using the id.

The Smart Health Care System can be entered using a username and password. It is accessible either by an administrator or doctor or user. Only they can add data into the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected for personal use and makes the data processing very fast.

Smart Health Care System is powerful, flexible, and easy to use and is designed and developed to deliver real conceivable benefits to hospitals.

Smart Health Care System is designed for multi speciality hospitals, to cover a wide range of hospital administration and management processes. It is an integrated end-to-end Smart Health Care System that provides relevant information across the hospital to support effective decision making for patient care, in a seamless flow.

Smart Health Care System is a software product suite designed to improve the quality and management of Smart Health Care in the areas of clinical process analysis and activity-based costing. Smart Health Care System enables you to develop your organization and improve its effectiveness and quality of work. Managing the key processes efficiently is critical to the success of the hospital helps you manage your processes

Objective:-

1) Define hospital
2) Recording information about the Patients that come.
3) Recording information about the Doctors.
4) Recording information related to appointments given to Patient.

These are the various jobs that need to be done in a Hospital by the operational staff and Doctors. All these works are done on papers.

Scope of the Project:-

1) Information about Patients is done by just writing the Patients name, age and gender. Whenever the Patient comes up his information is stored freshly.
2) Appointments are generated by recording availability for each facility provided to Patient on a separate sheet and at last they all are summed up.

All this work is done manually by the receptionist and other operational staff and lot of papers are needed to be handled and taken care of. Doctors have to remember various medicines available for diagnosis and sometimes miss better alternatives as they can’t remember them at that time.

DESIGN CHOICES

The Given Design Challenge which is stated in the starting of this document demanded that we frame a dynamic database driven website. Broadly this website should be able to portrait dynamic content on a webpage as well as give the user interactive input sessions. These challenges demanded some research which led to the following conclusion –

What Do We Need?

1. A server side scripting language that would process data on the request

of the user.

2. A effective way of storing all the data which the website uses to output

the results. In short a Database management System.

3. A interface to represent the output of the scripting language in the

form of html.

5. A web server which is needed to host the website and to do all the

computations needed to portrait the generated data on the basis of

input received from the user.

Available Choices

Server Side Scripting Language 1. JAVA-SCRIPT(which we used)-It is a scripting language designed to produce dynamic web pages. It is widely used and can be embedded into html. A big plus point of using this is that it can be used on most web servers and on almost every operating system. Apart from this it is a open source project.

2. JSP(Java Server Pages)-is a java technology that facilitates software developers to dynamically generate html ,xml and other kind of documents. It is also a platform independent technology.

3. PERL with CGI Scripts-Perl is a high level scripting language which borrows its features from C, shell scripting etc. It can be used to do CGI(Common Gateway Interface) programming on a web server. It defines a way to pass the request and arguments to the command line and to return the results.

4. ASP.net-It is a web application framework that can be used to build dynamic web applications. It is not widely used as it’s functionality depends on the platform being used.

Choice made

PHP(which we used)- It is the most popular scripting language for web development. It is free, open source and server-side (the code is executed on the server). **PHP** uses different built in function to work with mysql. Mysql and PDO both help in **PHP** to connect to your database you can do any of database queries using these functions. Using PDO you can talk to any databases. They work together by connecting and querying data from the script you are writing.

MySQL:

MySQL is developed, distributed, and supported by Oracle Corporation. MySQL is a database system used on the web it runs on a server. MySQL is ideal for both small and large applications. It is very fast, reliable, and easy to use. It supports standard SQL. MySQL can be compiled on a number of platforms.

The data in MySQL is stored in tables. A table is a collection of related data, and it consists of columns and rows. Databases are useful when storing information categorically.

DEVELOPMENT PROCESS

The following is the process through which we planned our development.

1. Planning and assignment of reading work to individuals

2. Reading up material for new technologies to be used

3. Deciding what technologies to use and distribution of work among group members

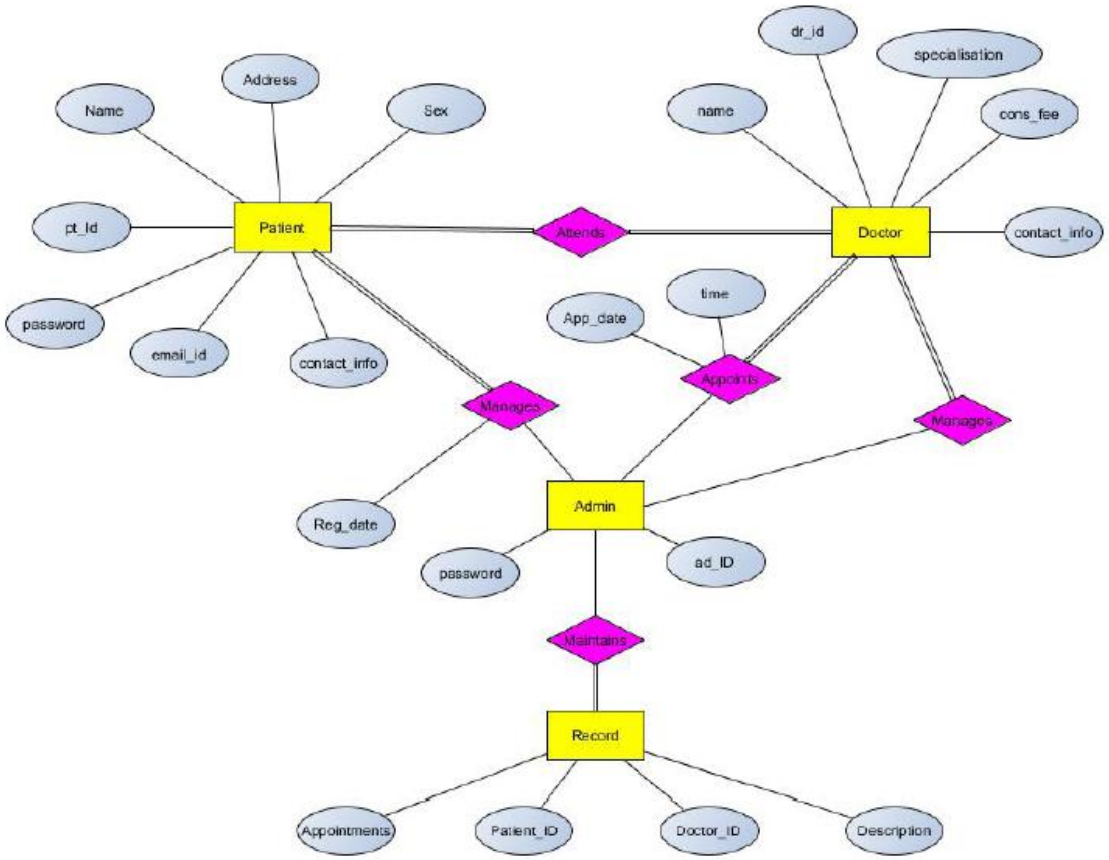
4. Individual work on independent components

5. Integration of the core services offered.

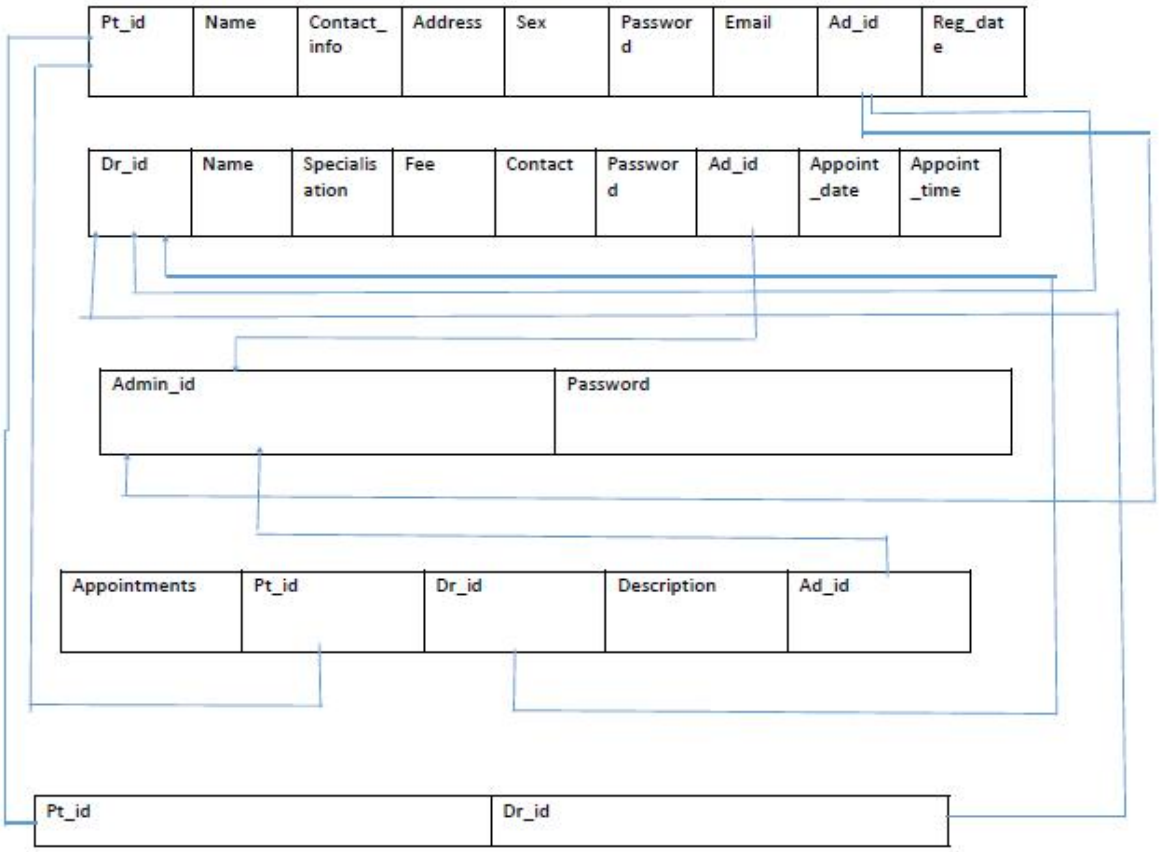
6. Embedding of core code into a standard html template, create links among all of all static and dynamic pages.

7. Putting it all together in the form of a software package.

ER DIAGRAM


dr_id
specialisation
Address
Name
Sex
name
cons_fee
pt_Id
Patient
Attends
Doctor
contact_info
password
email_id
contact_info
time
App_date
Appoints
Manages
Manages
Admin
Reg_date
password
ad_ID
Maintains
Record
Appointments
Patient_ID
Doctor_ID
Description

RELATIONSHIP SCHEMA



IMPLEMENTATION

INDEX.HTML

```
<!DOCTYPE HTML>
<html>
	<head>
		<title> SHC - Hospital Management System</title>
		<link href="css/style.css" rel="stylesheet" type="text/css"  media="all" />
		<link href='http://fonts.googleapis.com/css?family=Ropa+Sans' rel='stylesheet' type='text/css'>
		<link rel="stylesheet" href="css/responsiveslides.css">
		<script src="http://ajax.googleapis.com/ajax/libs/jquery/1.8.3/jquery.min.js"></script>
		<script src="js/responsiveslides.min.js"></script>
		 <script>
		   // You can also use "$(window).load(function() {"
			$(function () {

			  // Slideshow 1
			  $("#slider1").responsiveSlides({
			    maxwidth: 1600,
			    speed: 600
			  });
			});
		 </script>
	</head>
	<body>
		<!--start-wrap-->

			<!--start-header-->
			<div class="header">
```

```
                    <div class="wrap">
                    <!--start-logo-->
                    <div class="logo">
                        <a href="index.html" style="font-size: 30px;">Smart Health Care - Hospital Management system</a>
                        <img src="images/icon-1.png" align="left" alt="avatar" class="img-circle"/>
                    </div>
                    <!--end-logo-->
                    <!--start-top-nav-->
                    <div class="top-nav">
                        <ul>
                            <li class="active"><a href="index.html">Home</a></li>

                            <li><a href="contact.php">contact</a></li>
                        </ul>
                    </div>
                    <div class="clear"> </div>
                    <!--end-top-nav-->
                </div>
                <!--end-header-->
            </div>
            <div class="clear"> </div>
                <!--start-image-slider---->
                    <div class="image-slider">
                        <!-- Slideshow 1 -->
                      <ul class="rslides" id="slider1">
                        <li><img src="images/slider-image3.jpg" alt=""></li>
                        <li><img src="images/slider-image5.jpg" alt=""></li>
                        <li><img src="images/slider-image3.jpg" alt=""></li>
                      </ul>
```

```
                                        <!-- Slideshow 2 -->
                                    </div>
                                    <!--End-image-slider---->
                <div class="clear"> </div>
                <div class="content-grids">
                    <div class="wrap">
                    <div class="section group">


                            <div class="listview_1_of_3 images_1_of_3">
                                <div class="listimg listimg_1_of_2">
                                        <img src="images/grid-img4.png">
                                </div>
                                <div class="text list_1_of_2">
                                        <h3>Patients</h3>
                                        <p>Register & Book Appointment</p>
                                        <div class="button"><span><a href="hms/user-
login.php">Click Here</a></span></div>
                                  </div>
                            </div>

                            <div class="listview_1_of_3 images_1_of_3">
                                <div class="listimg listimg_1_of_2">
                                        <img src="images/grid-img5.png">
                                </div>
                                <div class="text list_1_of_2">
                                        <h3>Doctors Login</h3>

                                        <div class="button"><span><a
href="hms/doctor/">Click Here</a></span></div>
                                </div>
                            </div>
```

```
                                    <div class="listview_1_of_3 images_1_of_3">
                                    <div class="listimg listimg_1_of_2">
                                        <img src="images/grid-img6.png">
                                    </div>
                                    <div class="text list_1_of_2">
                                        <h3>Admin Login</h3>

                                        <div class="button"><span><a
href="hms/admin">Click Here</a></span></div>
                                    </div>
                                </div>
                            </div>
                        </div>
                        </div>
                        <div class="wrap">
                        <div class="content-box">
                        <div class="section group">
                                <div class="col_1_of_3 span_1_of_3 frist">
                                    <img src="images/icon-1.png" class="center">
                                    <p style="text-align:center;font-weight:bold;font-
size:20px;font-family:Helevetica;font-color:#000000;">Medical Excellence</p>
                                </div>
                                <div class="col_1_of_3 span_1_of_3 second">
                                    <img src="images/icon-2.png" class="center">
                                    <p style="text-align:center;font-weight:bold;font-
size:20px;font-family:Helevetica;font-color:#000000;">Healthcare Specialists</p>
                                </div>
                                <div class="col_1_of_3 span_1_of_3 frist">
                                    <img align="middle" src="images/icon-3.png">
                                    <p style="text-align:center;font-weight:bold;font-
size:20px;font-family:Helevetica;font-color:#000000;">Latest Technologies</p>
```

```
                    </div>
                </div>
            </div>
            </div>
            <div class="details">
                <p style="text-align:center;font-weight:normal;font-size:50px;font-family:Helevetica;font-color:">Welcome To Smart Health Care</p>
                <h4 style="text-align:center;font-weight:normal;font-size:20px;font-family:Helevetica;">Our medical specialists care for your Health.</h4>
                <p style="text-align:left;font-size:20px;font-family:Helevetica;margin-left:50px;margin-top:20px;"><a href="https://www.mrwatergeek.com/">Mr Water Geek</a></p>
                <h5 style="text-align:left;font-size:20px;font-family:Helevetica;margin-left:50px;">Mr Water Geek is an online water blog dedicated to helping you take control of your health and well-being by understanding the true importance of good quality water and proper hydration.</h5>
                <p style="text-align:left;font-size:20px;font-family:Helevetica;margin-left:50px;margin-top:50px;"><a href="https://www.lumahealth.io/">Luma Health</a></p>
                <h6 style="text-align:left;font-size:20px;font-family:Helevetica;margin-left:50px;">Luma Health was founded on the idea that patients should easily be able to connect to their healthcare provider in a way that's modern and mobile-first.  Follow Luma Health's blog for the latest on patient engagement, valued-based care, and providing richer patient-provider relationships.</h6>
            </div>
            <div class="clear"> </div>
            <div class="footer">
                <div class="wrap">
                <div class="footer-left">
                        <ul>
                            <li><a href="index.html">Home</a></li>
                            <li><a href="contact.php">contact</a></li>
                        </ul>
                </div>
```

```
                        <div class="clear"> </div>
                    </div>
                    </div>
                <!--end-wrap-->
        </body>
</html>
```

HMS.SQL

```
-- phpMyAdmin SQL Dump
-- version 4.4.14
-- http://www.phpmyadmin.net
--
-- Host: 127.0.0.1
-- Generation Time: Jan 07, 2017 at 09:25 AM
-- Server version: 5.6.26
-- PHP Version: 5.5.28

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET time_zone = "+00:00";


/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;
```

```
--
-- Database: `hms`
--

-- --------------------------------------------------------

--
-- Table structure for table `admin`
--

CREATE TABLE IF NOT EXISTS `admin` (
  `id` int(11) NOT NULL,
  `username` varchar(255) NOT NULL,
  `password` varchar(255) NOT NULL,
  `updationDate` varchar(255) NOT NULL
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=latin1;

--
-- Dumping data for table `admin`
--

INSERT INTO `admin` (`id`, `username`, `password`, `updationDate`) VALUES
(1, 'admin', 'Test@12345', '28-12-2016 11:42:05 AM');

-- --------------------------------------------------------

--
-- Table structure for table `appointment`
--
```

```
CREATE TABLE IF NOT EXISTS `appointment` (
  `id` int(11) NOT NULL,
  `doctorSpecialization` varchar(255) NOT NULL,
  `doctorId` int(11) NOT NULL,
  `userId` int(11) NOT NULL,
  `consultancyFees` int(11) NOT NULL,
  `appointmentDate` varchar(255) NOT NULL,
  `appointmentTime` varchar(255) NOT NULL,
  `postingDate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `userStatus` int(11) NOT NULL,
  `doctorStatus` int(11) NOT NULL,
  `updationDate` varchar(255) NOT NULL
) ENGINE=InnoDB AUTO_INCREMENT=3 DEFAULT CHARSET=latin1;

--
-- Dumping data for table `appointment`
--

INSERT INTO `appointment` (`id`, `doctorSpecialization`, `doctorId`, `userId`, `consultancyFees`, `appointmentDate`, `appointmentTime`, `postingDate`, `userStatus`, `doctorStatus`, `updationDate`) VALUES
(1, 'Dentist', 1, 1, 500, '2016-12-31', '09:25', '2017-01-01 00:29:02', 1, 0, ''),
(2, 'Homeopath', 4, 5, 700, '2017-01-11', '14:10', '2017-01-07 08:02:58', 0, 1, '');

-- --------------------------------------------------------

--
-- Table structure for table `doctors`
--

CREATE TABLE IF NOT EXISTS `doctors` (
  `id` int(11) NOT NULL,
```

```
  `specilization` varchar(255) NOT NULL,
  `doctorName` varchar(255) NOT NULL,
  `address` longtext NOT NULL,
  `docFees` varchar(255) NOT NULL,
  `contactno` bigint(11) NOT NULL,
  `docEmail` varchar(255) NOT NULL,
  `password` varchar(255) NOT NULL,
  `creationDate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `updationDate` varchar(255) NOT NULL
) ENGINE=InnoDB AUTO_INCREMENT=8 DEFAULT CHARSET=latin1;

--
-- Dumping data for table `doctors`
--

INSERT INTO `doctors` (`id`, `specilization`, `doctorName`, `address`, `docFees`, `contactno`,
`docEmail`, `password`, `creationDate`, `updationDate`) VALUES
(1, 'Dentist', 'Anuj', 'New Delhi', '500', 8285703354, 'anuj.lpu1@gmail.com',
'5c428d8875d2948607f3e3fe134d71b4', '2016-12-29 06:25:37', '04-01-2017 01:27:51 PM'),
(2, 'Homeopath', 'Sarita Pandey', 'Varanasi', '600', 2147483647, 'sarita@gmail.com',
'f925916e2754e5e03f75dd58a5733251', '2016-12-29 06:51:51', ''),
(3, 'General Physician', 'Nitesh Kumar', 'Ghaziabad', '1200', 8523699999, 'nitesh@gmail.com',
'f925916e2754e5e03f75dd58a5733251', '2017-01-07 07:43:35', ''),
(4, 'Homeopath', 'Vijay Verma', 'New Delhi', '700', 25668888, 'vijay@gmail.com',
'f925916e2754e5e03f75dd58a5733251', '2017-01-07 07:45:09', ''),
(5, 'Ayurveda', 'Sanjeev', 'Gurugram', '8050', 442166644646, 'sanjeev@gmail.com',
'f925916e2754e5e03f75dd58a5733251', '2017-01-07 07:47:07', ''),
(6, 'General Physician', 'Amrita', 'New Delhi India', '2500', 45497964, 'amrita@test.com',
'f925916e2754e5e03f75dd58a5733251', '2017-01-07 07:52:50', ''),
(7, 'Demo test', 'abc ', 'xyz', '200', 852888888, 'test@demo.com', 'sunnyjain5', '2017-01-07 08:08:58',
'');

-- --------------------------------------------------------
```

```
--
-- Table structure for table `doctorslog`
--

CREATE TABLE IF NOT EXISTS `doctorslog` (
  `id` int(11) NOT NULL,
  `uid` int(11) NOT NULL,
  `username` varchar(255) NOT NULL,
  `userip` binary(16) NOT NULL,
  `loginTime` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `logout` varchar(255) NOT NULL,
  `status` int(11) NOT NULL
) ENGINE=InnoDB AUTO_INCREMENT=10 DEFAULT CHARSET=latin1;

--
-- Dumping data for table `doctorslog`
--

INSERT INTO `doctorslog` (`id`, `uid`, `username`, `userip`, `loginTime`, `logout`, `status`) VALUES
(1, 2, 'sarita@gmail.com', 0x30000000000000000000000000000000, '2017-01-06 05:53:31', '', 1),
(2, 0, 'admin', 0x3a3a3100000000000000000000000000, '2017-01-06 06:36:07', '', 0),
(3, 2, 'sarita@gmail.com', 0x3a3a3100000000000000000000000000, '2017-01-06 06:36:37', '06/01/2017 07:36:45', 1),
(4, 2, 'sarita@gmail.com', 0x3a3a3100000000000000000000000000, '2017-01-06 06:41:33', '12:11:46', 1),
(5, 2, 'sarita@gmail.com', 0x3a3a3100000000000000000000000000, '2017-01-06 06:55:16', '06-01-2017 12:27:47 PM', 1),
(6, 0, 'admin', 0x3a3a3100000000000000000000000000, '2017-01-06 07:07:12', '', 0),
(7, 0, 'info@w3gang.com', 0x3a3a3100000000000000000000000000, '2017-01-07 08:04:42', '', 0),
(8, 0, 'info@w3gang.com', 0x3a3a3100000000000000000000000000, '2017-01-07 08:04:55', '', 0),
(9, 2, 'sarita@gmail.com', 0x3a3a3100000000000000000000000000, '2017-01-07 08:05:54', '07-01-2017 01:36:28 PM', 1);
```

```
-- --------------------------------------------------------

--
-- Table structure for table `doctorspecilization`
--

CREATE TABLE IF NOT EXISTS `doctorspecilization` (
  `id` int(11) NOT NULL,
  `specilization` varchar(255) NOT NULL,
  `creationDate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `updationDate` varchar(255) NOT NULL
) ENGINE=InnoDB AUTO_INCREMENT=11 DEFAULT CHARSET=latin1;

--
-- Dumping data for table `doctorspecilization`
--

INSERT INTO `doctorspecilization` (`id`, `specilization`, `creationDate`, `updationDate`) VALUES
(1, 'Gynecologist/Obstetrician', '2016-12-28 06:37:25', ''),
(2, 'General Physician', '2016-12-28 06:38:12', ''),
(3, 'Dermatologist', '2016-12-28 06:38:48', ''),
(4, 'Homeopath', '2016-12-28 06:39:26', ''),
(5, 'Ayurveda', '2016-12-28 06:39:51', ''),
(6, 'Dentist', '2016-12-28 06:40:08', ''),
(7, 'Ear-Nose-Throat (Ent) Specialist', '2016-12-28 06:41:18', ''),
(9, 'Demo test', '2016-12-28 07:37:39', '28-12-2016 01:28:42 PM'),
(10, 'Bones Specialist demo', '2017-01-07 08:07:53', '07-01-2017 01:38:04 PM');

-- --------------------------------------------------------

--
```

```
-- Table structure for table `userlog`

--

CREATE TABLE IF NOT EXISTS `userlog` (
  `id` int(11) NOT NULL,
  `uid` int(11) NOT NULL,
  `username` varchar(255) NOT NULL,
  `userip` binary(16) NOT NULL,
  `loginTime` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `logout` varchar(255) NOT NULL,
  `status` int(11) NOT NULL
) ENGINE=InnoDB AUTO_INCREMENT=15 DEFAULT CHARSET=latin1;

--

-- Dumping data for table `userlog`

--

INSERT INTO `userlog` (`id`, `uid`, `username`, `userip`, `loginTime`, `logout`, `status`) VALUES

(6, 1, '', 0x3a3a31000000000000000000000000000, '2017-01-06 07:02:28', '', 1),

(7, 1, 'info@w3gang.com', 0x3a3a31000000000000000000000000000, '2017-01-06 07:04:28', '', 1),

(8, 0, 'admin', 0x3a3a31000000000000000000000000000, '2017-01-06 07:07:41', '06-01-2017 12:38:09 PM', 0),

(9, 1, 'info@w3gang.com', 0x3a3a31000000000000000000000000000, '2017-01-06 07:08:01', '', 1),

(10, 1, 'info@w3gang.com', 0x3a3a31000000000000000000000000000, '2017-01-06 07:10:09', '06-01-2017 12:41:43 PM', 1),

(11, 2, 'test@gmail.com', 0x3a3a31000000000000000000000000000, '2017-01-07 07:57:18', '07-01-2017 01:27:34 PM', 1),

(12, 0, 'asdad', 0x3a3a31000000000000000000000000000, '2017-01-07 07:57:44', '', 0),

(13, 0, 'xyz@test.com', 0x3a3a31000000000000000000000000000, '2017-01-07 07:59:43', '', 0),

(14, 5, 'amit12@gmail.com', 0x3a3a31000000000000000000000000000, '2017-01-07 08:00:44', '07-01-2017 01:34:19 PM', 1);

-- --------------------------------------------------------
```

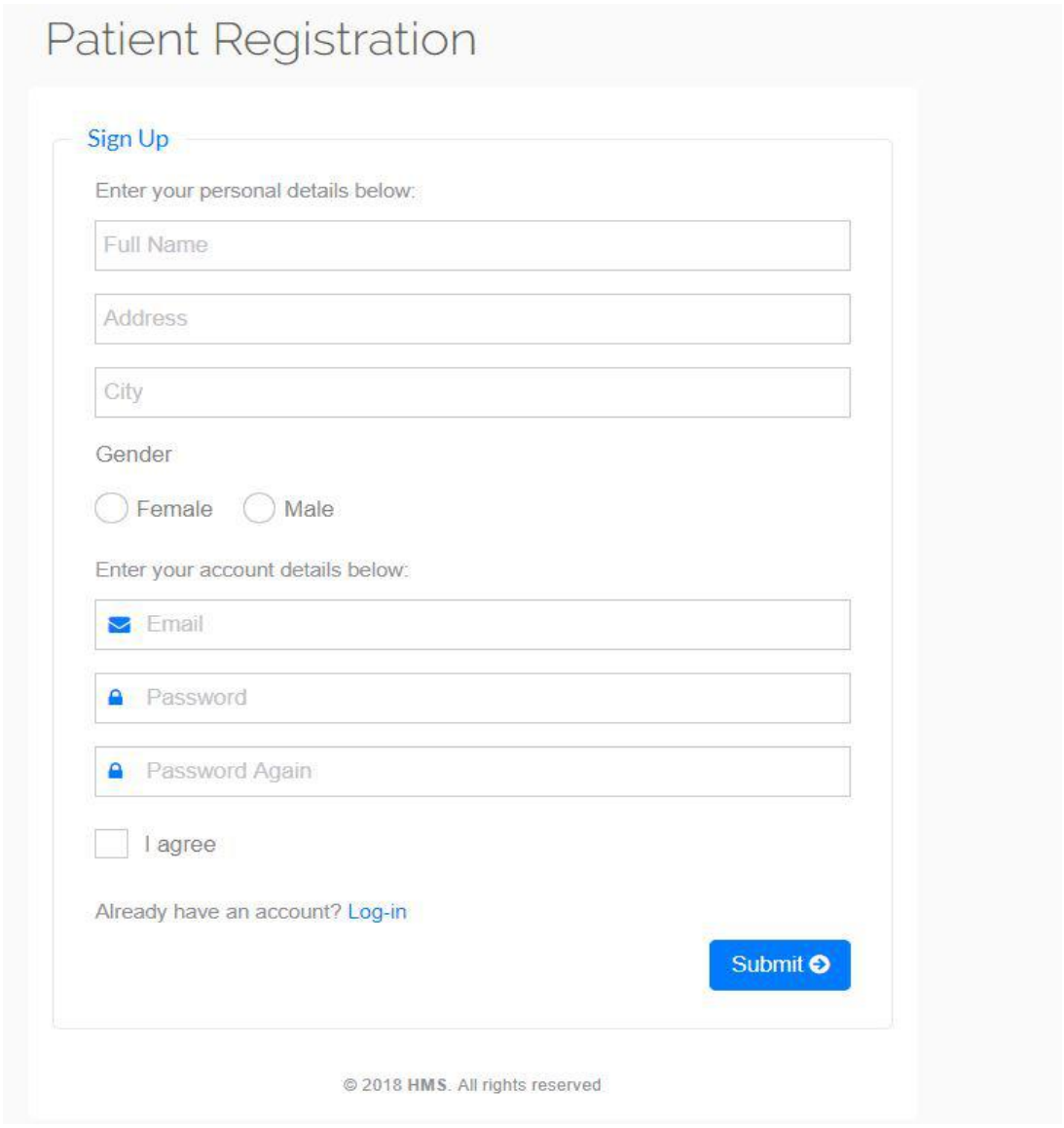
```
--
-- Table structure for table `users`
--

CREATE TABLE IF NOT EXISTS `users` (
  `id` int(11) NOT NULL,
  `fullName` varchar(255) NOT NULL,
  `address` longtext NOT NULL,
  `city` varchar(255) NOT NULL,
  `gender` varchar(255) NOT NULL,
  `email` varchar(255) NOT NULL,
  `password` varchar(255) NOT NULL,
  `regDate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `updationDate` varchar(255) NOT NULL
) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=latin1;

--
-- Dumping data for table `users`
--

INSERT INTO `users` (`id`, `fullName`, `address`, `city`, `gender`, `email`, `password`, `regDate`, `updationDate`) VALUES
(1, 'Anuj kumar', 'Test address', 'Aligarh', 'Males', 'info@w3gang.com', '1234567', '2016-12-26 07:03:09', '30-12-2016 11:27:47 AM'),
(2, 'Sarita pandey', 'New Delhi India', 'Delhi', 'female', 'test@gmail.com', '1234567', '2016-12-30 05:34:39', ''),
(3, 'Amit', 'New Delhi', 'New delhi', 'male', 'amit@gmail.com', '1234567', '2017-01-07 06:36:53', ''),
(4, 'Rahul Singh', 'New Delhi', 'New delhi', 'male', 'rahul@gmail.com', '1234567', '2017-01-07 07:41:14', ''),
(5, 'Amit kumar', 'New Delhi India', 'Delhi', 'male', 'amit12@gmail.com', '1234567', '2017-01-07 08:00:26', '07-01-2017 01:32:12 PM');
```

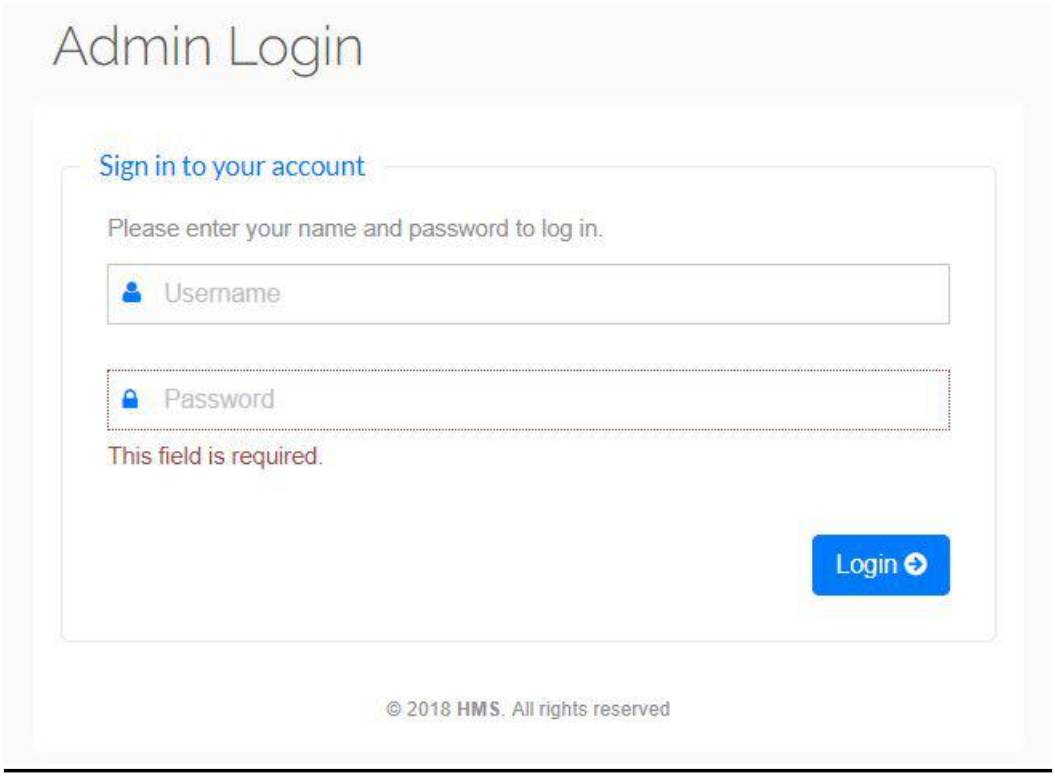
```
--
-- Indexes for dumped tables
--


--
-- Indexes for table `admin`
--
ALTER TABLE `admin`
  ADD PRIMARY KEY (`id`);


--
-- Indexes for table `appointment`
--
ALTER TABLE `appointment`
  ADD PRIMARY KEY (`id`);


--
-- Indexes for table `doctors`
--
ALTER TABLE `doctors`
  ADD PRIMARY KEY (`id`);


--
-- Indexes for table `doctorslog`
--
ALTER TABLE `doctorslog`
  ADD PRIMARY KEY (`id`);


--
-- Indexes for table `doctorspecilization`
--
```

```
ALTER TABLE `doctorspecilization`
  ADD PRIMARY KEY (`id`);


--
-- Indexes for table `userlog`
--
ALTER TABLE `userlog`
  ADD PRIMARY KEY (`id`);


--
-- Indexes for table `users`
--
ALTER TABLE `users`
  ADD PRIMARY KEY (`id`);


--
-- AUTO_INCREMENT for dumped tables
--


--
-- AUTO_INCREMENT for table `admin`
--
ALTER TABLE `admin`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=2;
--
-- AUTO_INCREMENT for table `appointment`
--
ALTER TABLE `appointment`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=3;
--
-- AUTO_INCREMENT for table `doctors`
```

```
--
ALTER TABLE `doctors`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=8;
--
-- AUTO_INCREMENT for table `doctorslog`
--
ALTER TABLE `doctorslog`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=10;
--
-- AUTO_INCREMENT for table `doctorspecilization`
--
ALTER TABLE `doctorspecilization`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=11;
--
-- AUTO_INCREMENT for table `userlog`
--
ALTER TABLE `userlog`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=15;
--
-- AUTO_INCREMENT for table `users`
--
ALTER TABLE `users`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=6;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

SAMPLE SCREENSHOTS




Admin Login
Sign in to your account
Please enter your name and password to log in.
Username
Password
This field is required.
Login
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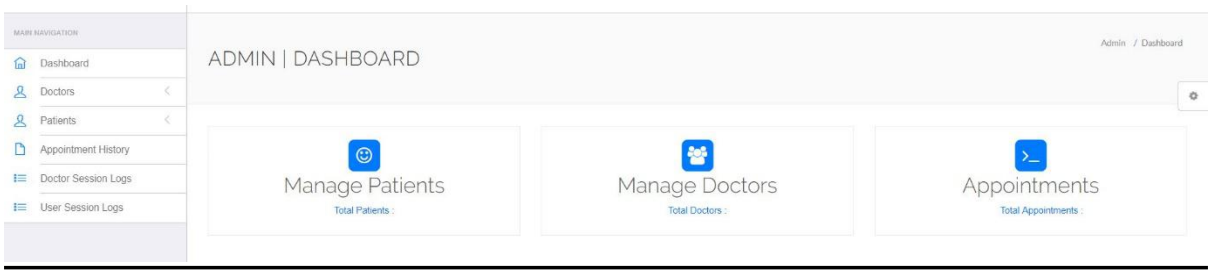

MAIN NAVIGATION
Dashboard
Doctors
Patients
Appointment History
Doctor Session Logs
User Session Logs
ADMIN | DASHBOARD
Admin / Dashboard
Manage Patients
Total Patients :
Manage Doctors
Total Doctors :
Appointments
Total Appointments :

ADMIN | MANAGE PATIENTS

Manage **Patients**

#	Full Name	Adress	City	Gender	Email	Creation Date	Updation Date	Action
1.	Anuj kumar	Test address	Aligarh	Males	info@w3gang.com	2016-12-26 12:33:09	30-12-2016 11:27:47 AM	×
2.	Sahil pandey	New Delhi India	Delhi	female	test@gmail.com	2016-12-30 11:04:39	01-08-2018 09:57:25 PM	×
3.	Amit	New Delhi	New delhi	male	amit@gmail.com	2017-01-07 12:06:53		×
4.	Rahul Singh	New Delhi	New delhi	male	rahul@gmail.com	2017-01-07 13:11:14		×
5.	Amit kumar	New Delhi India	Delhi	male	amit12@gmail.com	2017-01-07 13:30:26	07-01-2017 01:32:12 PM	×

USER | BOOK APPOINTMENT

Book Appointment

Doctor Specialization

Select Specialization

Doctors

Select Doctor

Consultancy Fees

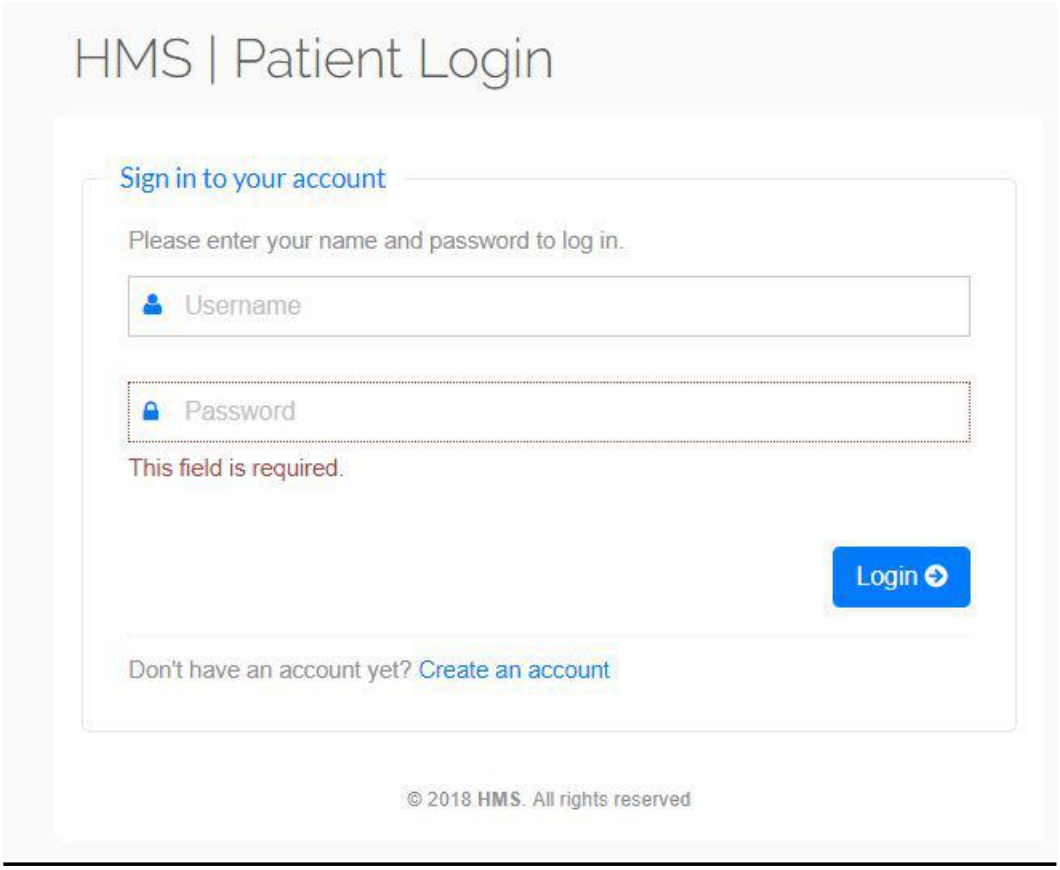
Date

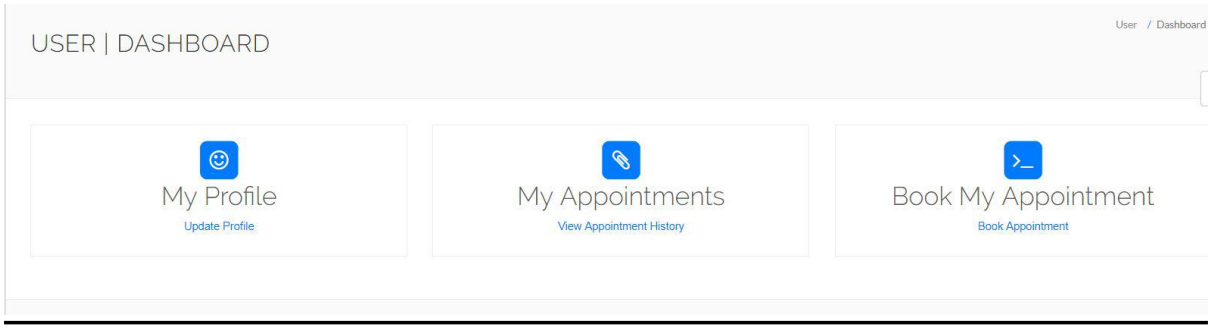
Time

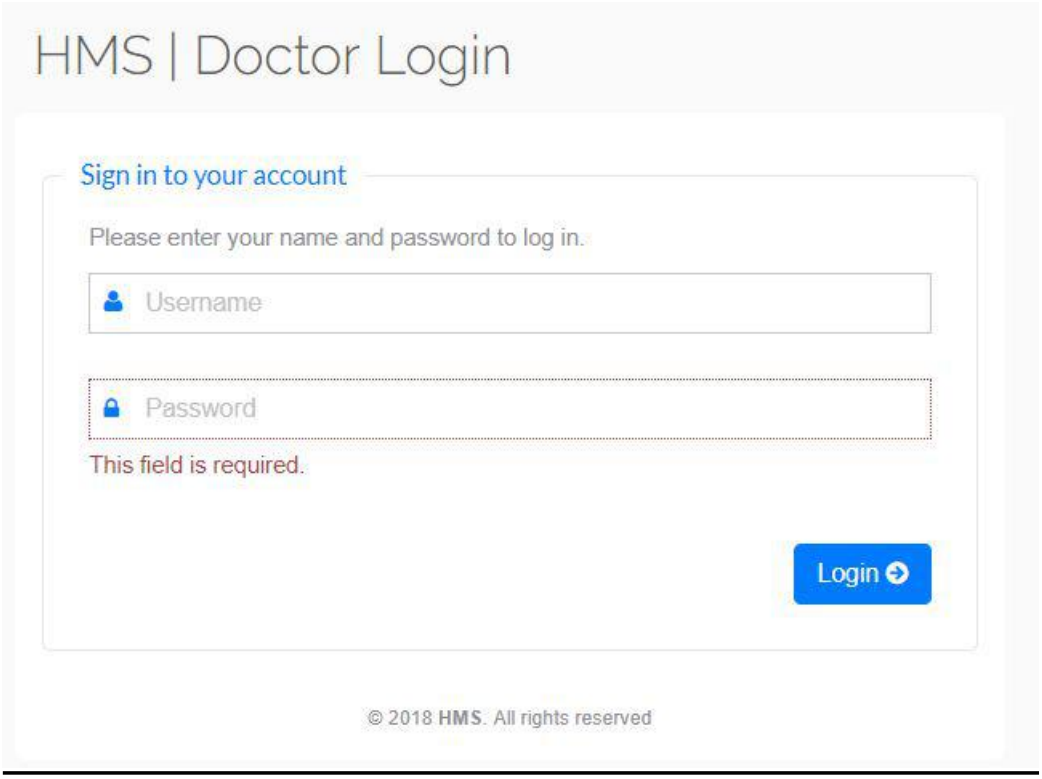
9:00 PM

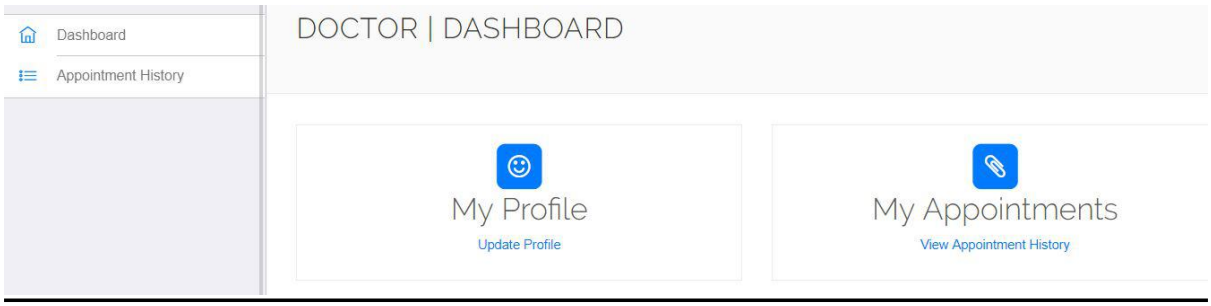
eg : 10:00 PM

Submit


HMS | Patient Login
Sign in to your account
Please enter your name and password to log in.
Username
Password
This field is required.
Login
Don't have an account yet? Create an account
© 2018 HMS. All rights reserved


USER | DASHBOARD
User / Dashboard
My Profile
Update Profile
My Appointments
View Appointment History
Book My Appointment
Book Appointment


HMS | Doctor Login
Sign in to your account
Please enter your name and password to log in.
Username
Password
This field is required.
Login
© 2018 HMS. All rights reserved


Dashboard
Appointment History
DOCTOR | DASHBOARD
My Profile
Update Profile
My Appointments
View Appointment History

DOCTOR | APPOINTMENT HISTORY

#	Patient Name	Specialization	Consultancy Fee	Appointment Date / Time	Appointment Creation Date	Current Status	Action
1.	Sahil pandey	Demo test	200	2018-11-06 / 11:25	2018-11-05 22:36:28	Cancel by you	Canceled

ADMIN | USER SESSION LOGS

Admin / User Session Lo

#	User id	Username	User IP	Login time	Logout Time	Status
1.	1		::1	2017-01-06 12:32:28		Success
2.	1	info@w3gang.com	::1	2017-01-06 12:34:28		Success
3.	0	admin	::1	2017-01-06 12:37:41	06-01-2017 12:38:09 PM	Failed
4.	1	info@w3gang.com	::1	2017-01-06 12:38:01		Success
5.	1	info@w3gang.com	::1	2017-01-06 12:40:09	06-01-2017 12:41:43 PM	Success
6.	2	test@gmail.com	::1	2017-01-07 13:27:18	11-11-2018 05:24:26 PM	Success
7.	0	asdad	::1	2017-01-07 13:27:44		Failed
8.	0	xyz@test.com	::1	2017-01-07 13:29:43		Failed
9.	5	amit12@gmail.com	::1	2017-01-07 13:30:44	07-01-2017 01:34:19 PM	Success

CONSTRAINTS AND LIMITATIONS

The constraints and limitation within a system are the drawbacks that occur during the implementation of the system. These limitations and constraints can crop up in almost every system; the most important fact is to find a way to overcome these problems.

Software design is the first of three technical activities – design, code generation, and test that are required to build and verify the software. Each activity transforms information in manner that ultimately results in validated computer software .The design task produces a data design, an architectural design, an interface design and component design.

The design of an information system produces the details that clearly describe how a system will meet the requirements identified during system analysis. The system design process is not a step by step adherence of clear procedures and guidelines. When I started working on system design, I face different types of problems; many of these are due to constraints imposed by the user or limitations of hardware and software available. Sometimes it was quite difficult to enumerate that complexity of the problems and solutions thereof since the variety of likely problems is so great and no solutions are exactly similar however the following consideration I kept in mind during design phased.

CONCLUSION

Since we are entering details of the patients electronically in the" Hospital Management System", data will be secured. Using this application we can retrieve patient's history with a single click. Thus processing information will be faster. It guarantees accurate maintenance of Patient details. It easily reduces the book keeping task and thus reduces the human effort and increases accuracy speed.

REFERENCES

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2. Beginning PHP5, Apache, and MySQL Web Development (Programmer to Programmer) by Elizabeth Naramore

3. MySQL/PHP Database Applications, 2nd Edition by Brad Bulger

4. How to Do Everything with PHP and MySQL by Vikram Vaswani