VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590018

A DBMS MINI PROJECT REPORT ON

"ONLINE EXAMINATION MANAGEMENT SYSTEM"

A Project report Submitted in partial fulfillment of the requirement for the degree of

BACHELOR OF ENGINEERING

In

COMPUTER SCIENCE AND ENGINEERING

Submitted by

MADHU S (1RG20CS033)

SAINATH (1RG20CS047)

SAVINDAR YADAV (1RG20CS051)

Under The Guidance of

Mrs. Arudra A

Professor & HOD,

Dept. of CSE RGIT,

Bengaluru- 32

Department of Computer Science & Engineering

RAJIV GANDHI INSTITUTE OF TECHNOLOGY

Cholanagar, R. T. Nagar Post, Bengaluru-560032

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RAJIV GANDHI INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University)

Cholanagar, R.T. Nagar Post, Bengaluru-560032

Department of Computer Science & Engineering

CERTIFICATE

This is to certify that the Mini Project Report entitled "ONLINE EXAMINATION MANAGEMENT SYSTEM" is a bonafide work carried out by Mr. MADHU S (1RG20CS033), Mr. SAINATH (1RG20CS047) & Mr. SAVINDAR YADAV S (1RG20CS051) in partial fulfilment for the award of Bachelor of Engineering in Computer Science Engineering under Visvesvaraya Technological University, Belagavi, during the year 2022-2023. It is certified that all corrections/suggestions given for Internal Assessment have been incorporated in the report. This DBMS Mini Project report has been approved as it satisfies the academic requirement.

Signature of guide	**Signature of HOD**
Mrs. Bhagyashri Wakde	**Mrs. Arudra A**
Assistant Professor,	**Professor & HOD,**
Dept. of CSE	**Dept. of CSE**
RGIT, Bengaluru- 32	**RGIT,Bengaluru-32**

External viva

Name of Examiner	**Signature with date**
1.	
2.	

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

Jnana Sangama, Belagavi-590018

RAJIV GANDHI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

DECLARATION

We hereby declare that the mini project work entitled "ONLINE EXAMINATION MANAGEMENT SYSTEM" submitted to the Visvesvaraya Technological University, Belagavi during the academic year 2022-2023, is record of an original work done by us under the guidance of Mrs. Bhagyashri Wakde, Assistant Professor, Department of Computer Science and Engineering, Rajiv Gandhi Institute of Technology, Bengaluru and this project work is submitted in the partial fulfilment of requirements for the award of the degree of Bachelor of Engineering in Computer Science & Engineering. The results embodied in this thesis have not been submitted to any other University or Institute for award of any degree or diploma.

MADHU S (1RG20CS033)

SAINATH (1RG20CS047)

SAVINDAR YADAV S (1RG20CS051)

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MADHU S (1RG20CS033)

SAINATH (1RG20CS047)

SAVINDER YADAV S (1RG20CS051)

ABSTRACT

The “Hospital response Management System” is a web-based website for computerized management system designed and programmed to deal with day-to-day operations and management of hospital activities.The program database treatments,status illness,billings in the pharmacy and labs.It also maintains hospital information such as patient id,doctors in charge,patient report and department administering.The major problem for the patient nowadays is to get the report after consultation,many hospitals managing reports in their system but it’s not available to store the reportin the database and make it available from anywhere in the world.

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CHAPTER 1

INTRODUCTION

1.1 Database Management System

Database is a collection of interrelated data which helps in the efficient retrieval, insertion, and deletion of data from the database and organizes the data in the form of tables, views, schemas, reports, etc. For Example, a university database organizes the data about students, faculty, admin staff, etc. which helps in the efficient retrieval, insertion, and deletion of data from it.

1.2 Application of DBMS

A database application with a Web interface had the advantage that it could be used on devices of different sizes, hardware, and OS. The database applications primary purpose is entering and retrieving information from computerized database. We can however divide them into major areas:

1. Computerized parts inventory systems
2. Content management systems
3. User programming interfaces

Although dedicated interfaces for maintaining application databases are built by designers and administrators and thus need for understanding and more knowledge about DBMS how it operates its applications with external interfaces and parameters.

1.2.1 Design

Professions such as engineering and architecture are concerned with design. Starting with a set of specifications, engineers and architects seek a cost effective and esthetic solution that satisfies the specifications. Design is an interactive process. Design problem are either over determined such that they possess no solution that satisfies all criteria, much less an optimal solution. The main objectives of database design in DBMS are to produce logical and physical designs models of the proposed database system. Properly designed database is easy to maintain, improves data consistency and are cost effective in terms of disk storage space. A DBMS also makes it easier for a company to track and manage employee information in a human resources management application, including managing employee data such as addresses, phone numbers, salary details, payroll and paycheck generation.

1.3 INTRODUCTION TO HOSPITAL RESPONSE MANAGEMENT SYSTEM

1.3.1 Preamble

The hospital response management system includes registration of patients ,storing their details into the system ,and also computerized billing .The software has the facility to give unique id for every patient and stores the details of every patient and the doctors automatically .users can search the availability of a doctor and the details of patient using the id .The hospital response management system can be entered using a username and password .It is accessible by an admin .only they can add data into database .The data can be retrieved easily . The interface is very user-friendly .The data are well-protected and make the data processing very fast . Its very powerful ,flexible, and easy to use and is designed and developed to deliver real conceivable benefits to patients. It is an integrated end-to-end hospital response management system that provides relevant information across the hospital to support effective decision-making ,hospital administration ,and critical financial accounting ,in a seamless flow.

1.3.2 Project Description

The details of the users, new login credentials will be visible to the admin. The admin can delete a report uploaded by the doctor which is irrelevant. Therefore the admin keeps track of the users content to avoid any misuse of the application. Hence the admin is responsible to update the content that is uploaded by the user.

1.3.3 Problem Statement

Medical care is one of the most essential and in demand service for all. It requires a lot of attention and high-quality service that also causes health care workers to do a lot of effort. These issues also add the situations where there's a need for physical attendant for every patient wherein it could be automated and handled with technology.our problem statement was to build a as realistic as possible probably scalable, hospital database management system which comprised of both frontend as well as backend. Various user frontend - backend interactions had to be put into place coupled with sophisticated queries to parse and retrieve data from the database.The frontend support had to also include various user login and upon authentication preview what is only applicable to that particular person. Essentially data abstract

Disadvantages Of Present System

1. Fail to take into account students' growth and development and inhibit their progress.
2. Frustrating- educators try to accurately summarize students' achievement with simple letter grades and a few words of condensed commentary.
3. Evaluation of students' higher-order thinking skills, problem solving, attitudes, and other abilities cannot be quantified easily.
4. Traditional assessment does not involve discussions, classroom projects, and other programs designed to show material to students and impart knowledge that the teachers can then observe and measure.

1.3.4 Proposed Solution

The aim of proposed system is to develop a system of improved facilities.The proposed system can overcome all the limitations of the existing system. The application is a simple website that can be opened in your browser. The existing system has several disadvantages and many more difficulties to work well. The proposed system tries to eliminate or reduce these difficulties up to some extent. The proposed system will help the user to reduce the workload and mental conflict. The proposed system helps the user to work user friendly and he can easily do his jobs without time lagging. To address the issues faced by hospitals,a system named Hospital Response Management System .This system will handle information such as patents with mild diagnosis and prescriptions. The idea of having the automated patient management is a big help for our health care workers and physicians to monitor and take good care of the patients.The hospital management system could handle specific task such as securing various information of the patients. This will help them secure the data to keep patient-doctor confidentiality as well as assure them of their healing factors.

SYSTEM DESIGN AND MODELLING

CHAPTER 2

ANALYSIS AND SYSTEM REQUIREMENTS

2.1 Literature Survey

The development of Hospital response Management System begins basically with the requirement phase that involves gathering of various information, such as necessities, demands of the user etc. and then prioritizing these requirements based on the availability of the software system. Generally, requirements are of two types, as follows:

Sl.no	Year	Authors	Work Done
1.	2005	Griffith, John R.; White, Kenneth R..	The Revolution in Hospital Management.
2.	2017	Ravi Kishore Kodali; Kopulwar Shishir Mahesh	Smart emergency response system
3.	2020	Luz A. Magre Colorado; Jorge Franco Ibañez; Juan Carlos Martinez-Santos	Leveraging Emergency Response System Using the Internet of Things. A Preliminary Approach
4.	2016	Mervat Abu-Elkheir; Hossam S. Hassanein; Sharief M.A. Oteafy	Enhancing emergency response systems through leveraging crowdsensing and heterogeneous data
5.	2016	Fang-Chu Chen; Rui-Yen Chang; Wan-Yi Lin; Sheng Hui Chen; Yu Cheng Chen; Chin Nung Li	Disaster and Emergency Management System

2.1.1 Functional requirements

a.Hospital Requirement:

2.Adding new patients details into the database.

3.Assigning new patient ID and updating the patient information in patient record database.

4.Getting backend responses after registration to hospital that the backend database in updated.

5.Managing backend will be very easy and powerful tool to get query, managing patient response.

6.Managing appointment response to patients.

7.Automated reports for patients and hospital and doctors during medical emergency.

b. User Requirement:

1. Automated response after registration by mail and normal mails.

2.Easily access user information and improve it.

3.No manual and report all databases will be maintained and power automated using tools.

c.Admin Requirment:

1.Managing users.

2.Managing doctors.

3.Managing patient

appointments.

4.Managing patient queries.

2.1.2 Non-functional requirements

1.Security

The system needs the admin to recognize himself/herself using their unique email ID and password.

Any user who makes use of the system has to add their own separate login ID and password.

2.Performance

The system should acknowledge and modifications in the data in less amount of time.

The user-interface should also acknowledge within less amount of time.

2.2System Requirements

2.1.3 Definition of Software

Computer software or just software is any set of machine-readable instructions that directs a computer's processor to perform specific operations. The term is used to construct with computer hardware, the physical objects (processor and related devices) that carry out the instructions. Computer hardware and software require each other and neither can be realistically used without the other.

2.1.4 Software Specification

Operating system: windows 10

Front End: HTML,CSS,JAVASCRIPT

Back End: PHP

Database: MySQL

Server: Xampp Server

Text Editer: Notepad

2.1.5 Definition of Hardware

Computer hardware is the collection of physical elements that constitute a computer system. Computer hardware refers to the physical components of a computer such as the monitor, mouse, keyboard, computer data storage, hard drive disk, system unit (graphic cards, memory, motherboard and chips) etc. all of which are physical objects that can be touched. In contrast, software is instructions that can be stored and run by hardware.

2.1.6 Hardware Specification

Processor: x86 compatible processor with 1.7GHz Clock Sleep

RAM: 512MB or greater

Monitor: VGA/SVGA

Keyboard: 104 standard keys

Mouse: 2/3 button. Optical/Mechanical.

SYSTEM DESIGN

AND

MODELLING

CHAPTER 3

SYSTEM DESIGN AND MODELLING

3.1 Preliminary Design

3.1.1 ER Diagram

An entity relationship model, also called an entity-relationship (ER) diagram, is a graphical representation of entities and their relationships to each other.

Relationship between entities

A relationship is how the data is shared between entities. The structural constraints of a relationship type are combination of cardinality ratio and participation constraints. There are three types of relationships between entities:

1.One-to-one relationship [1:1]

One instance of an entity is associated with one other instance of another entity.

2.One-to-many relationship [1:N]

One instance of an entity A is associated with two or more instances of another entity B, but for one instance of entity B there is only one instance of entity A.

3.Many-to-many relationship [M:N]

This relationship occurs when multiple records in a relation are associated with multiple records in another relation.

ER Diagram Symbols

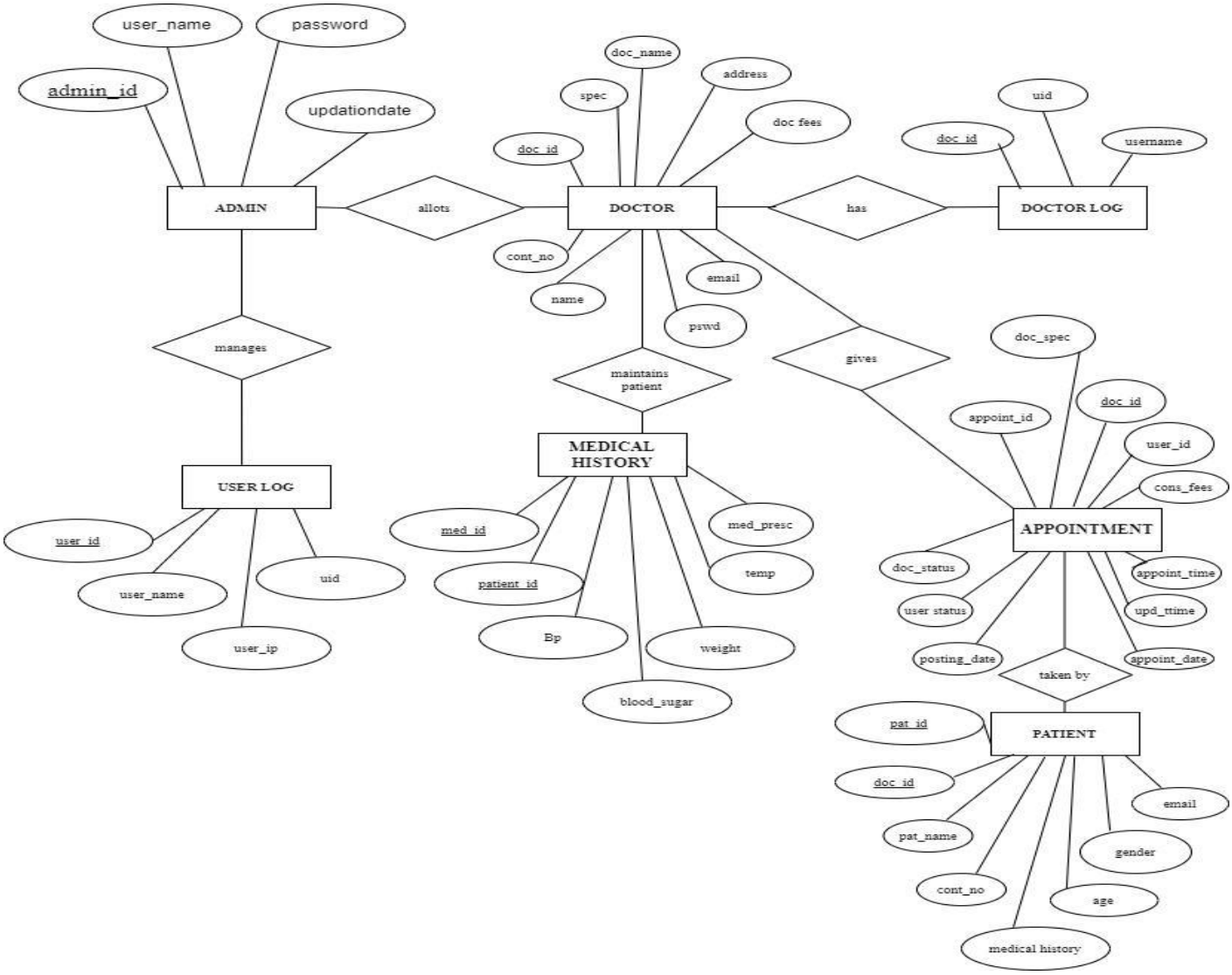
In an ER diagram, symbols are commonly used to represent the various types of information. Most diagrams will use the following:

1.Boxes represent entities.

2.Diamonds represent relationships

3.Circles (ovals) represent attributes.

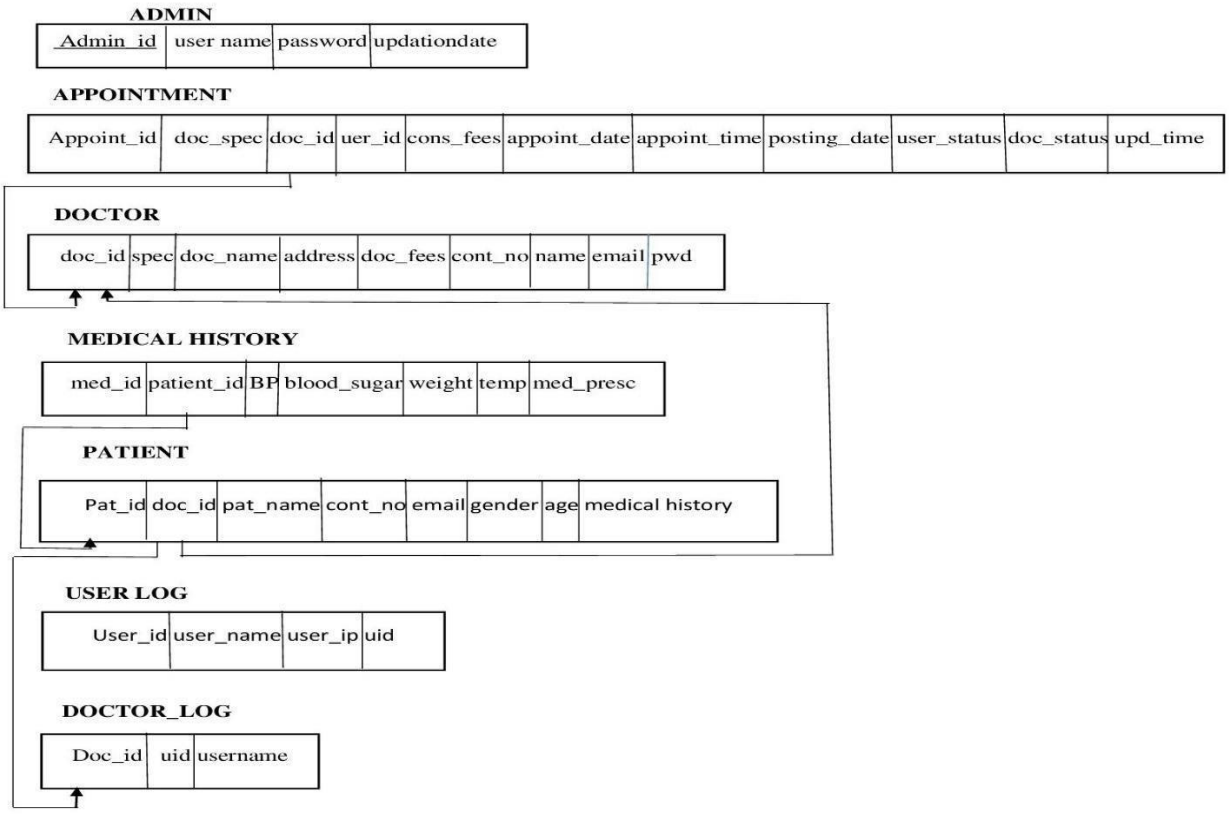
4.Straight lines represent the connection between relationship type and entities.



3.1 ER Diagram for Online Exam Management System

3.1.2 Schema Diagram

A database schema is the skeleton that represents the logical view of the entire database. It defines how the data is organized and how the relation among them is associated. It formulates all the constraints that are to be applied on the data. A database schema defines its entities and relationship among them. It contains a descriptive detail of the database, which can be depicted by means of schema diagrams. It's the database designer who design the schema to help programmer understand the database and make it useful.



3.2 Schema Diagram for Online Exam Management System

SYSTEM IMPLEMENTATION

CHAPTER 4

SYSTEM IMPLEMENTATION

4.1 Frontend

HTML

HTML stands for Hyper Text Markup Language, which is most widely used language on web to develop web pages. HTML refers to the way in which Web pages (HTML documents) are linked together. Thus, the link available on a web page is called Hypertext.

The html file is structured as initially the document type is mentioned then in header tags the name of portal will be mentioned. The body tag will contain the content of the web page the image file or multimedia file is given as attachment and paragraph tags the description is given. The CSS is also added into html file by typing style tag and write CSS codes within the tags or even add the java script by typing scripts tag and write java scripts within it.

PHP

The PHP Hypertext Preprocessor (PHP) is a programming language that allows web developers to create dynamic content that interacts with databases.

1.PHP is a recursive acronym for "PHP: Hypertext Preprocessor".

2.PHP is a server-side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire commerce sites.

3.It is integrated with a number of popular databases, including MySQL, Oracle, and Microsoft SQL Server.

4.PHP is pleasingly zippy in its execution, especially when compiled as an Apache module on the Unix side. The MySQL server, once started, executes even very complex queries with huge result sets in record-setting time.

4.2 Backend

Basic introduction to MySQL

MySQL is a fast, easy-to-use RDBMS being used for many small and big businesses. MySQL is integral to many of the most popular software stacks for building and maintaining everything from customer-facing web applications to powerful, data-driven B2B services. Its open-source nature, stability, and rich feature set, paired with ongoing development and support from Oracle, have meant that internet-critical organizations such as Facebook, Flickr, Twitter, Wikipedia, and YouTube all employ MySQL backends. A database is a structured collection of data. It may be anything from a simple shopping list to a picture gallery or a place to hold the vast amounts of information in a corporate network. The primary factor differentiating relational databases from other digital storage lies in how data is organized at a high level. Databases like MySQL contain records in multiple, separate, and highly codified tables, as opposed to a single all-encompassing repository, or collections of semi- or unstructured documents. In particular, a relational database is a digital store collecting data and organizing it according to the relational model. In this model, tables consist of rows and columns, and relationships between data elements all follow a strict logical structure. An RDBMS is simply the set of software tools used to actually implement, manage, and query such a database MySQL is developed, marketed and supported by MySQL AB, which is a Swedish company. MySQL is becoming so popular because of many good reasons

1.MySQL is released under an open-source license. So, you have nothing to pay to use it.

2.MySQL is a very powerful program in its own right. It handles a large subset of the functionality of the most expensive and powerful database packages.

3.MySQL uses a standard form of the well-known SQL data language.

4.MySQL works on many operating systems and with many languages including PHP, PERL

Programming codes

index.php

```
<?php
session_start();
include("include/config.php");
error_reporting(0);
if(isset($_POST['submit']))
{
$ret=mysqli_query($con,"SELECT * FROM doctors WHERE docEmail='".$_POST['username']."' and
password='".md5($_POST['password'])."'");
$num=mysqli_fetch_array($ret);
if($num>0)
{
$extra="dashboard.php";
$_SESSION['dlogin']=$_POST['username'];
$_SESSION['id']=$num['id'];
$uip=$_SERVER['REMOTE_ADDR'];
$status=1;
$log=mysqli_query($con,"insert into doctorslog(uid,username,userip,status)
values('".$_SESSION['id']."','".$_SESSION['dlogin']."','$uip','$status')");
$host=$_SERVER['HTTP_HOST'];
$uri=rtrim(dirname($_SERVER['PHP_SELF']),'/\\');
header("location:http://$host$uri/$extra");
exit();
}
else
{
$host  = $_SERVER['HTTP_HOST'];
$_SESSION['dlogin']=$_POST['username'];
$uip=$_SERVER['REMOTE_ADDR'];
$status=0;
mysqli_query($con,"insert into doctorslog(username,userip,status)
```

```
 </ values('".$_SESSION['dlogin']."','$uip','$status')");
 $_SESSION['errmsg']="Invalid username or password";
 $extra="index.php";
 $uri = rtrim(dirname($_SERVER['PHP_SELF']),'/\\');
 header("location:http://$host$uri/$extra");
 exit(); } }?>
<!DOCTYPE html>
<html lang="en">
<head>
<title>Doctor Login</title>
<link href="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700|Raleway:300,400,500,600,
 700|Cret e+Round:400italic" rel="stylesheet" type="text/css" />
 <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
 <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
 <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
 <link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
 <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet" media="screen"> <link
  href="vendor/switchery/switchery.min.css" rel="stylesheet" media="screen">
  <link rel="stylesheet" href="assets/css/styles.css">
  <link rel="stylesheet" href="assets/css/plugins.css">
  <link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" /> </head>
  <body class="login">
  <div class="row">
  <div class="main-login col-xs-10 col-xs-offset-1 col-sm-8 col-sm-offset-2 col-md-4 col-md-offset-4">
  <div class="logo margin-top-30">
  <a href="../../index.html"> <h2> HMS | Doctor Login</h2></a>
  <div class="box-login">
  <form class="form-login" method="post">
   <fieldset>
    <legend>Sign in to your account</legend><p> Please enter your name and password to log in.
    <br /><span style="color:red;"><?php echo $_SESSION['errmsg']; ?>
   <?php echo $_SESSION['errmsg']="";?></span> </p>
   <div class="form-group">
  <span class="input-icon">
  <div class="form-group">
  <span class="input-icon">
```

```
<input type="text" class="form-control"
name="username" placeholder="Username">
<i class="fa fa-user"></i> </span>
</div><div class="form-group form-actions">
<span class="input-icon">
<input type="password" class="form-control password" name="password" placeholder="Password">
<i class="fa fa-lock"></i>
</span> <a href="forgot-password.php">Forgot Password ?</a>
</div> <div class="form-actions">
<button type="submit" class="btn btn-primary pull-right" name="submit">Login <i class="fa fa-arrow
-circle-right"></i></button>
</div></fieldset></form><div class="copyright">&copy; <span class="current-year"></span>
<span class="text-bold text-uppercase"> HMS</span>. <span>All rights reserved</span>
</div>
</div>
</div></div>
<script src="vendor/jquery/jquery.min.js"></script>
<script src="vendor/bootstrap/js/bootstrap.min.js"></script> <script
src="vendor/modernizr/modernizr.js"></script> <script src="vendor/jquery-
cookie/jquery.cookie.js"></script>
<script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script> <script
src="vendor/switchery/switchery.min.js"></script>
<script src="vendor/jquery-validation/jquery.validate.min.js"></script>
<script src="assets/js/main.js"></script>
<script src="assets/js/login.js"></script>
<script>jQuery(document).ready(function() {
Main.init();
Login.init();
});
</script>
</body>
<!-- end: BODY --></html>Addpatient.php<?php session_start(); error_reporting(0);
include('include/config.php');
include('include/checklogin.php');
check_login();
if(isset($_POST['submit']))
```

```
{
 $docid=$_SESSION['id'];
 $patname=$_POST['patname'];
 $patcontact=$_POST['patcontact'];
 $patemail=$_POST['patemail'];
 $gender=$_POST['gender'];
 $pataddress=$_POST['pataddress'];
 $patage=$_POST['patage'];
 $medhis=$_POST['medhis'];
 $sql=mysqli_query($con,"insert into
 tblpatient(Docid,PatientName,PatientContno,PatientEmail,PatientGender,PatientAdd,PatientAge,
 PatientMedhis)values('$docid','$patname','$patcontact','$patemail','$gender','$pataddress','$patage',
 '$medhis')");
 if($sql)
{
 echo "<script>alert('Patient info added Successfully');
 </script>";
 header('location:add-patient.php');
 }
 }
 ?>
 <!DOCTYPE html>
 <html lang="en">
 <head><title>Doctor | Add Patient</title>
<linkhref="http://fonts.googleapis.com/css?family=Lato:300,400,400italic,600,700| Raleway:300,400,500,600,
 7|Cret e+Round:400italic" rel="stylesheet" type="text/css" />
  <link rel="stylesheet" href="vendor/bootstrap/css/bootstrap.min.css">
 <link rel="stylesheet" href="vendor/fontawesome/css/font-awesome.min.css">
 <link rel="stylesheet" href="vendor/themify-icons/themify-icons.min.css">
 <link href="vendor/animate.css/animate.min.css" rel="stylesheet" media="screen">
 <link href="vendor/perfect-scrollbar/perfect-scrollbar.min.css" rel="stylesheet" media="screen">
 <link href="vendor/switchery/switchery.min.css" rel="stylesheet" media="screen">
 <link href="vendor/bootstrap-touchspin/jquery.bootstrap-touchspin.min.css" rel="stylesheet
 "media="screen">
 <link href="vendor/select2/select2.min.css" rel="stylesheet" media="screen">
```

```
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 media="screen">
 <link rel="stylesheet" href="assets/css/styles.css">
 <link rel="stylesheet" href="assets/css/plugins.css">
<link rel="stylesheet" href="assets/css/themes/theme-1.css" id="skin_color" />
<script>function userAvailability() { $("#loaderIcon").show();
jQuery.ajax({url: "check_availability.php",
data:'email='+$("#patemail").val(),
type: "POST", success:function(data){
$("#user-availability-status1").html(data);
$("#loaderIcon").hide(); },
error:function (){}
});}
</script>
</head>
<body>
<div id="app">
<?php include('include/sidebar.php');?>
<div class="app-content">
<?php include('include/header.php');?>
<div class="main-content" >
<div class="wrap-content container" id="container">
<!-- start: PAGE TITLE -->
<section id="page-title">
<div class="row">
<div class="col-sm-8">
<h1 class="mainTitle">Patient | Add Patient</h1>
</div><ol class="breadcrumb">
<li><span>Patient</span>
</li><li class="active">
<span>Add Patient</span></li></ol>
</div></section><div class="container-fluid container-fullw bg-white">
<div class="row">
<div class="col-md-12">
<div class="row margin-top-30">
```

```
<div class="col-lg-8 col-md-12">
<div class="panel panel-white">
<div class="panel-heading">
<h5 class="panel-title">Add Patient</h5>
</div>
<div class="panel-body">
<form role="form" name="" method="post">
<div class="form-group">
<label for="doctorname">Patient Name</label>
<input type="text" name="patname" class="form-control" placeholder="Enter Patient Name"
required="true"> </div>
<div class="form-group">
<label for="fess">Patient Contact no</label>
<input type="text" name="patcontact" class="form-control" placeholder="Enter Patient Contact no"
required="true" maxlength="10" pattern="[0-9]+">
</div><div class="form-group"><label for="fess">Patient Email</label>
<input type="email" id="patemail" name="patemail" class="form-control" placeholder="Enter Patient
Email id" required="true" onBlur="userAvailability()">
<span id="user-availability-status1" style="font-size:12px;"></span> </div>
<div class="form-group">
<label class="block">Gender</label>
<div class="clip-radio radio-primary">
<input type="radio" id="rg-female" name="gender" value="female" > <label for="rg-female">
Female</label>
<input type="radio" id="rg-male" name="gender" value="male"> <label for="rg-male">Male
</label>
</div>
</div>
<div class="form-group">
<label for="address">
Patient Address
</label>
<textarea name="pataddress" class="form-control"  placeholder="Enter Patient Address"
required="true"></textarea>
</div>
<div class="form-group">
```

```
$db = $database->getConnection();
$user = new User($db);
if($user->loggedIn()) {
if(!empty($_SESSION["role"]) && $_SESSION["role"] ==
        'admin') { header("Location: exam.php");
} else if (!empty($_SESSION["role"]) && $_SESSION["role"] ==
        'user'){ header("Location: view_exam.php");
}
}
$loginMessage = '';
if(!empty($_POST["login"]) && !empty($_POST["email"]) &&
!empty($_POST["password"]) && !empty($_POST["loginType"]) &&
$_POST["loginType"]) { $user->email = $_POST["email"];
$user->password = $_POST["password"];
$user->loginType = $_POST["loginType"];
if($user->login()) {
        if($_SESSION["role"] == 'admin') {
                header("Location: exam.php");
        } else if ($_SESSION["role"] == 'user'){
                header("Location: view_exam.php");
        }
} else {
        $loginMessage = 'Invalid login! Please try again.';
}
} else if (empty($_POST["login"]) || empty($_POST["email"]) || empty($_POST["password"])||
 <label class="radio-inline"><strong>User Type:</strong></label> <option
value="Started">Started</option>
<option value="Completed">Completed</option>
   </select>
</div>
 <?php include('inc/footer.php');?
```

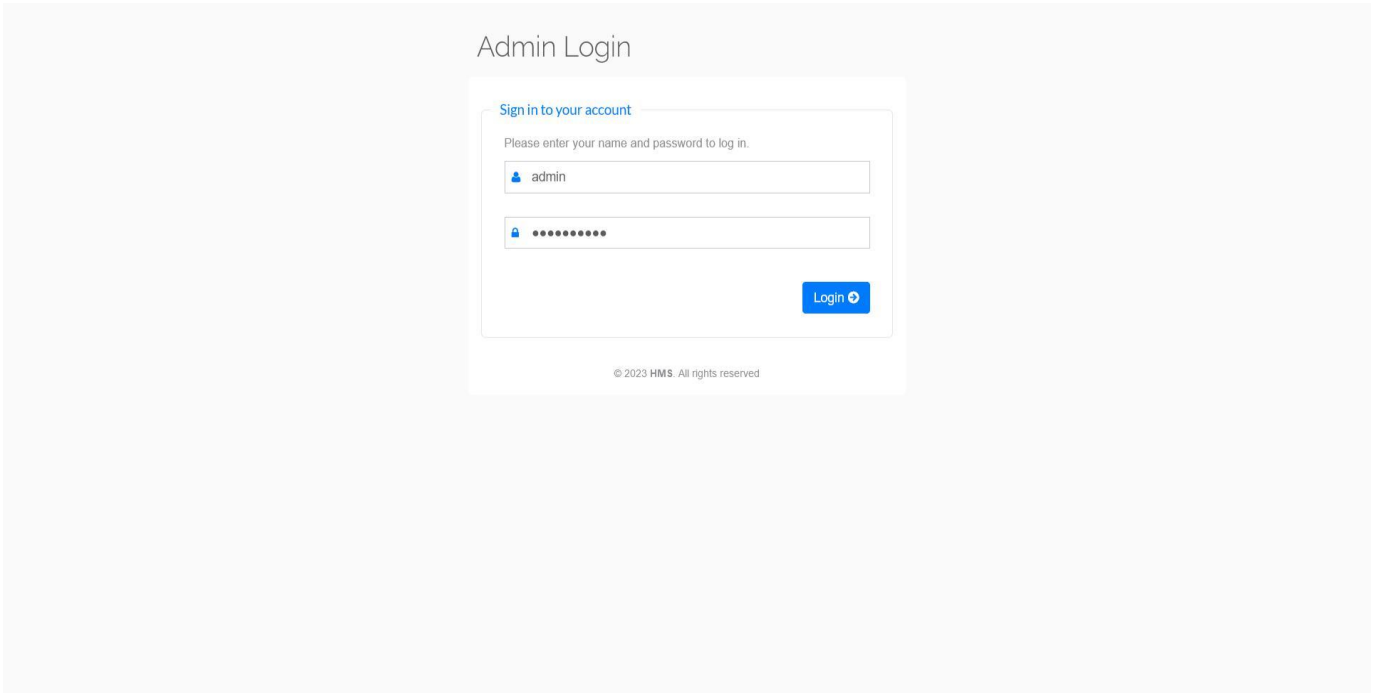
SCREENSHOTS

CHAPTER 5

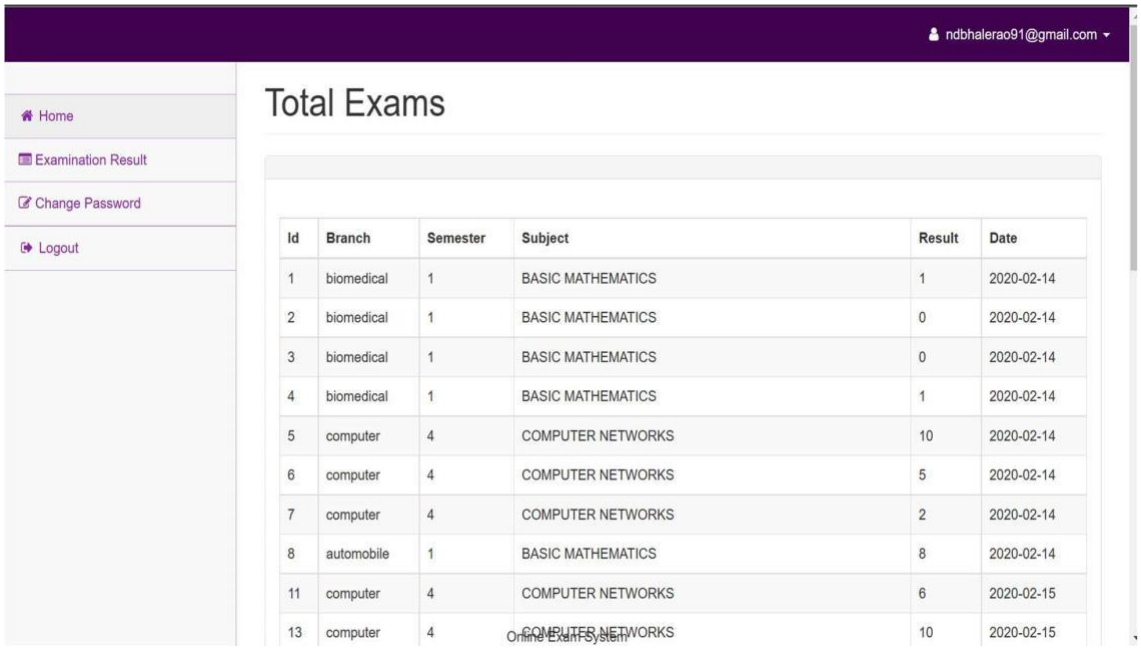
SCREENSHOTS

5.1 Main page

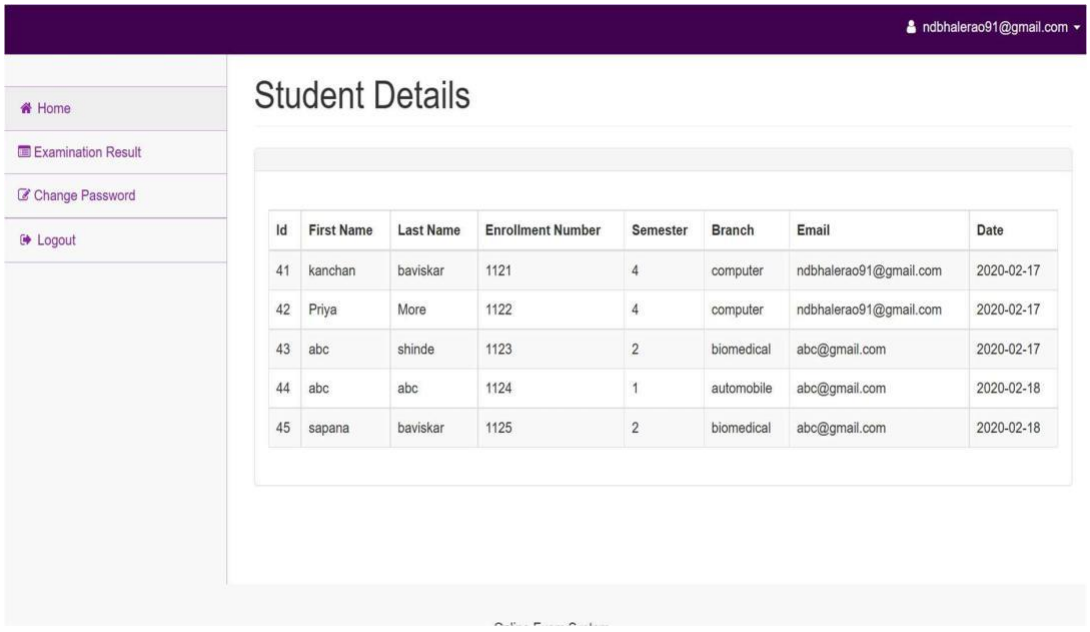
5.2 Admin home page



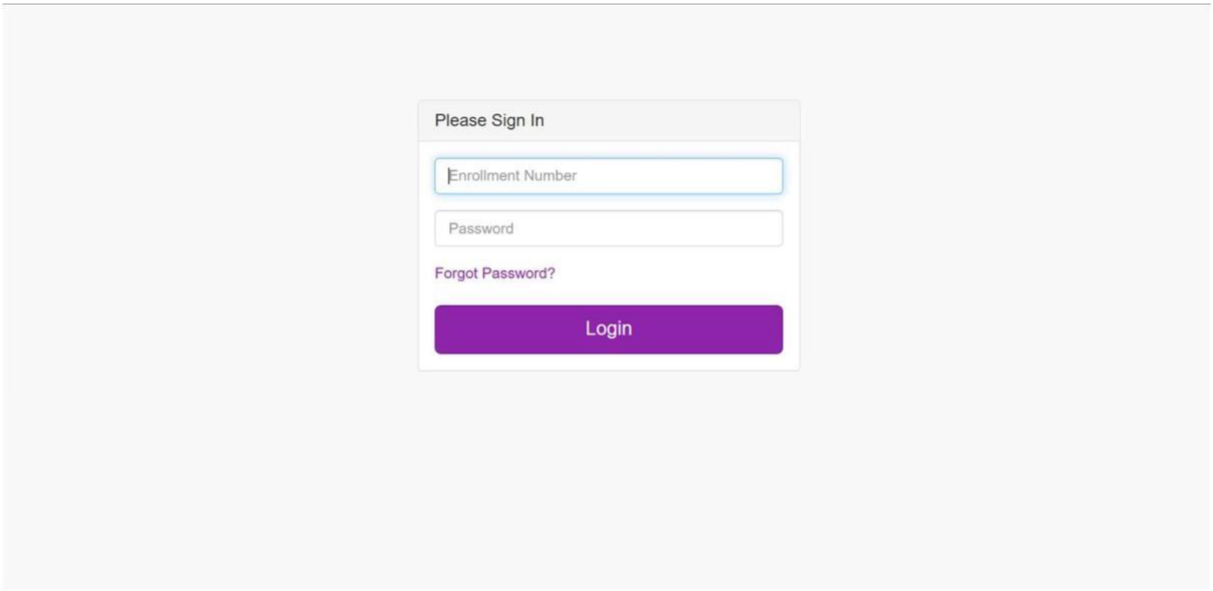
5.3 Total exams page



5.4 Student details page

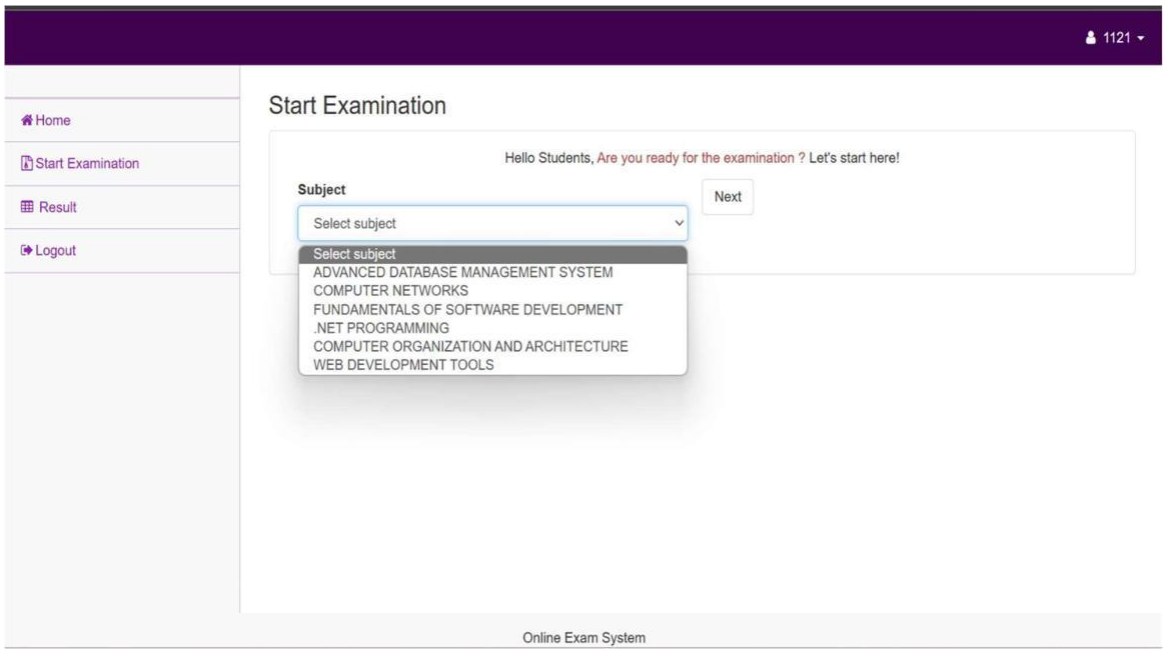


5.5 Students login paper

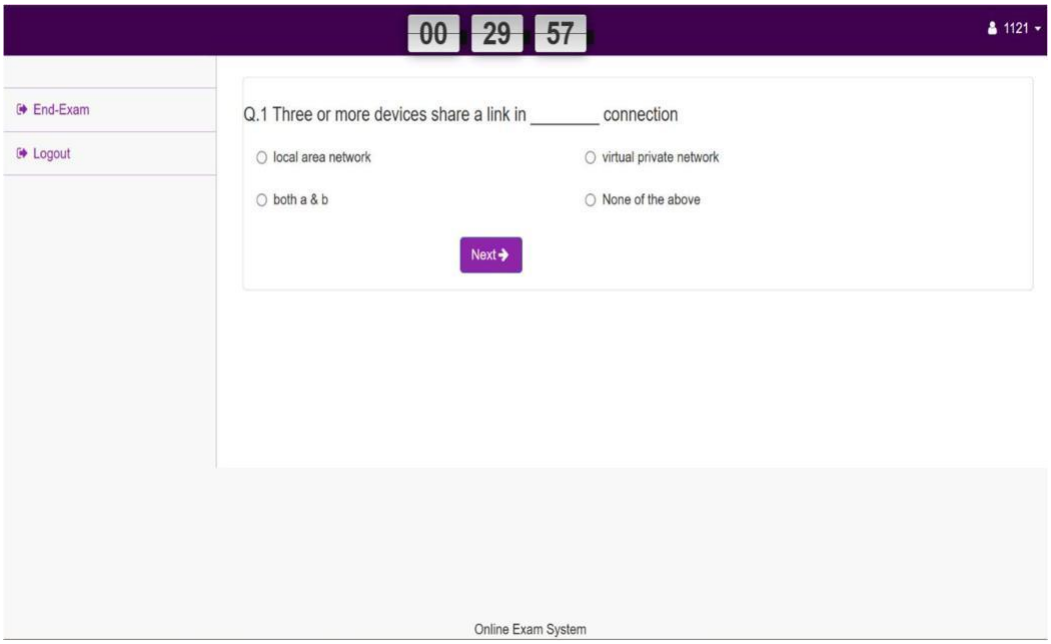


5.6 Student Home page

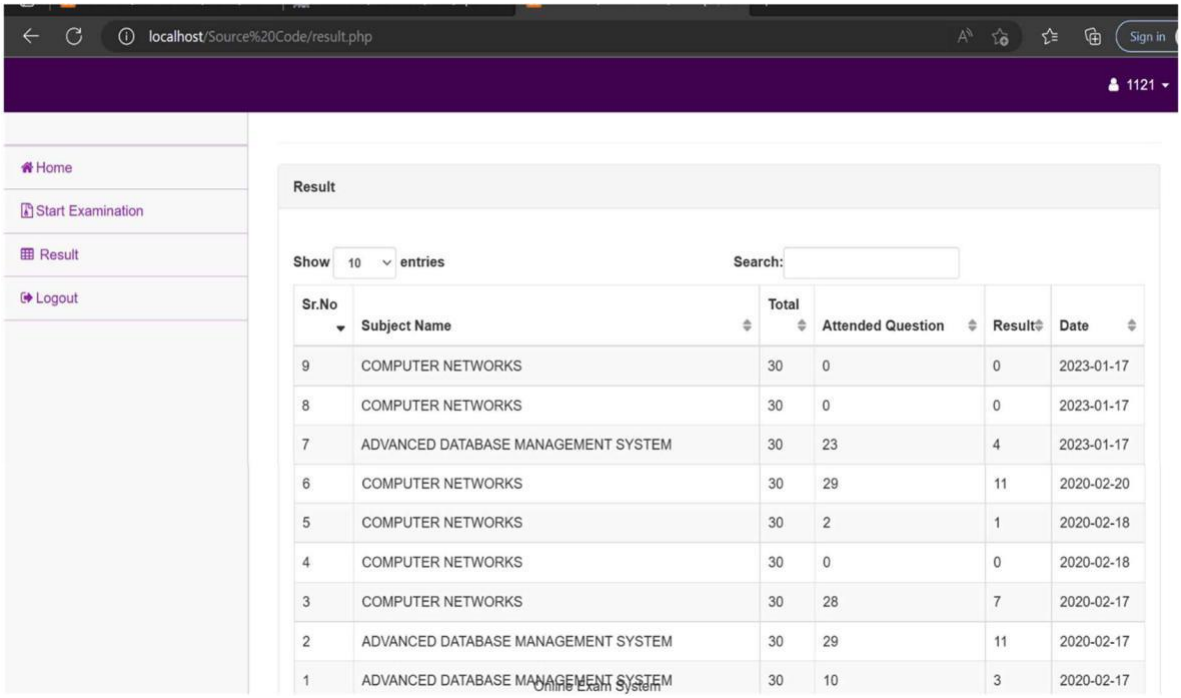
5.7 Selecting subject in dropdown list



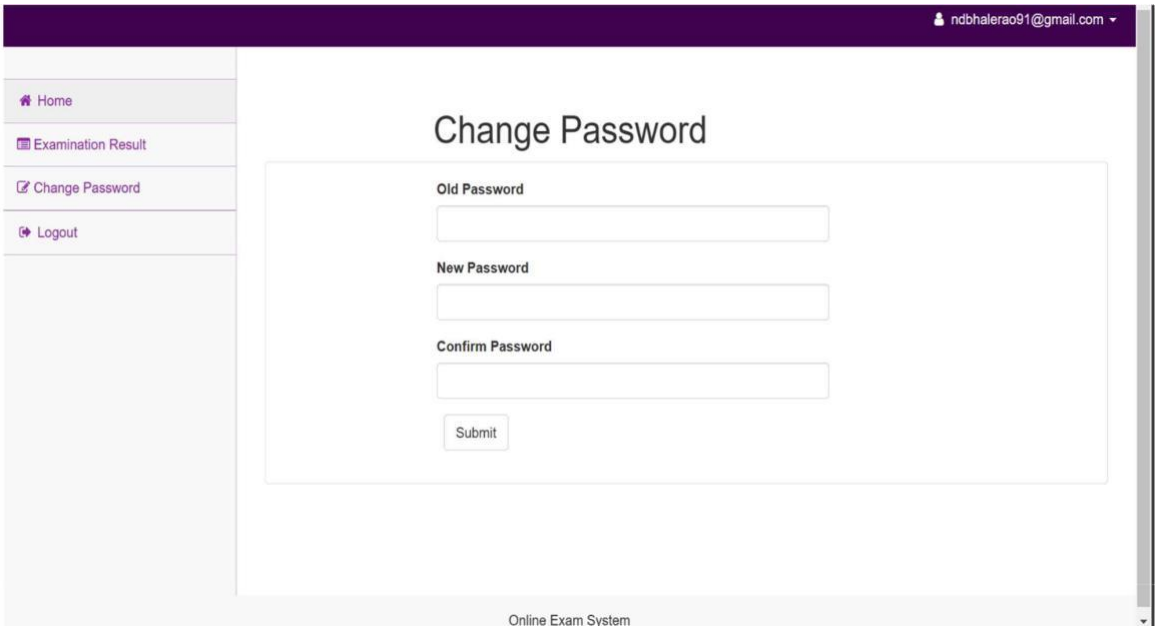
5.8 Displaying question paper



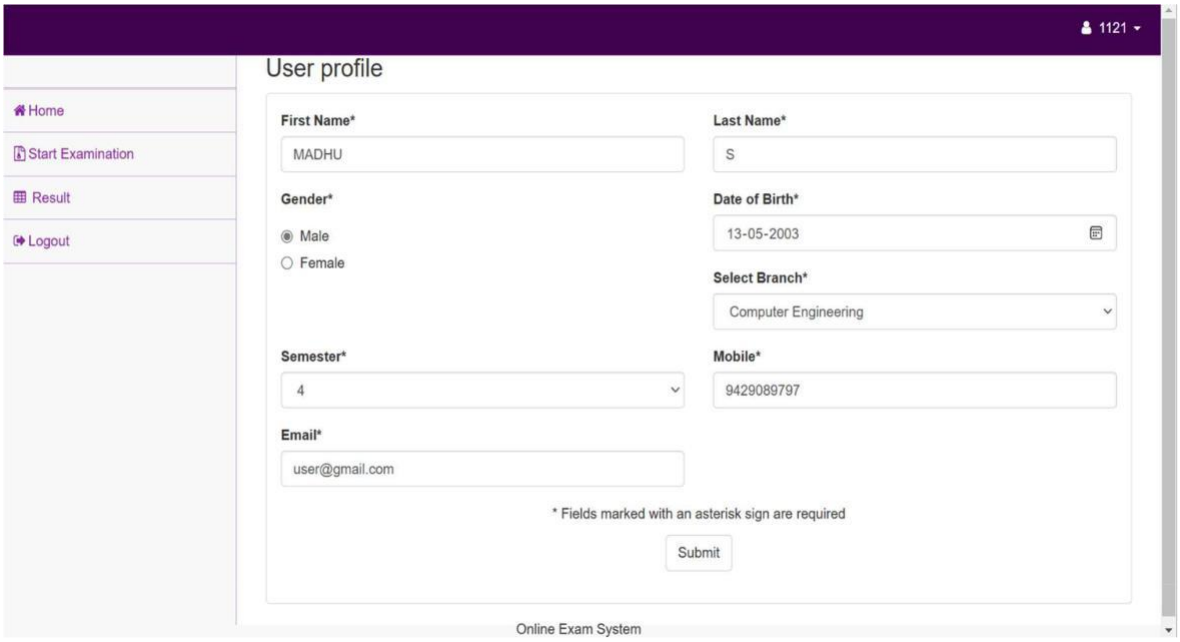
5.9 Student result sheet



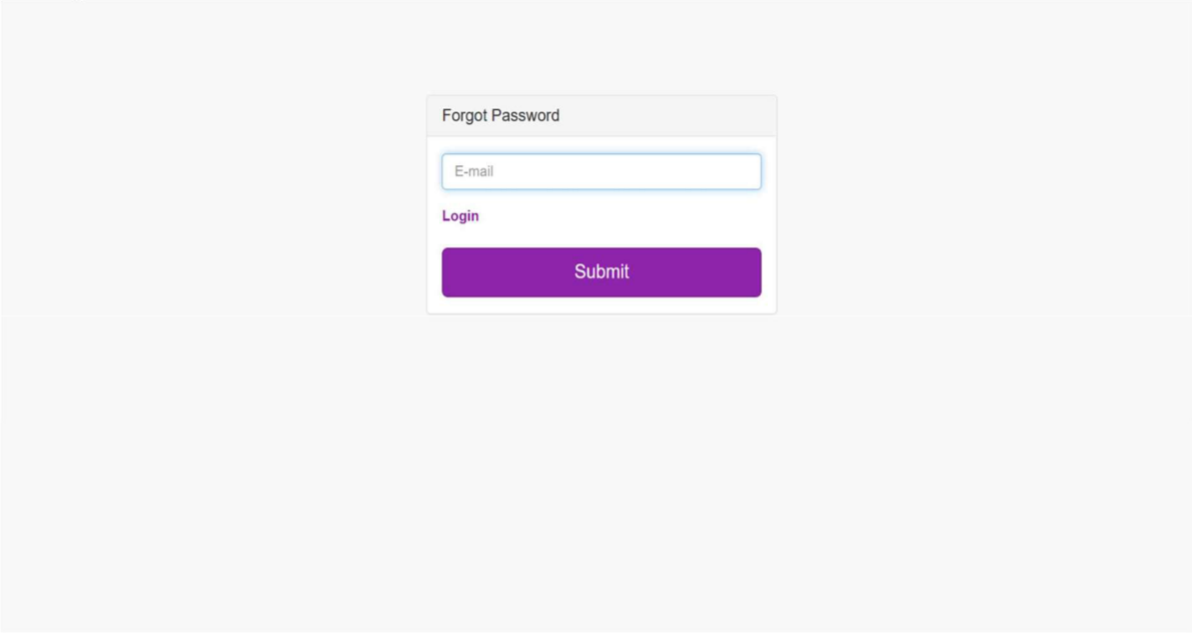
5.10 Change password page



5.11 User profile page



5.12 Forgot Password



CONCLUSION

CHAPTER 6

CONCLUSION

The project titled as “Online Exam Management System” is a web-based application. With the completion of this project I conclude that it has achieved its purpose. The whole project provides a base for students to take their exam using software and allow lecturers to add questions and answers into the system. Online examination management system for introduction to management course is the best compared to paper-based exam. The automated system helps students and lecturers to save time and makes the process faster. It saves space since answers papers will not be used. With a user friendly system that has security, integrity and the database is neither inconsistent nor redundant. The key concept is to minimize the amount of paper and convert all forms of documentation to digital form . It can observe that the information required can be obtained with easy accuracy in the computerized system . The user with minimum knowledge about computer can be able to operate the system easily .

FUTURE ENHANCEMENT

The system also produces brief result required by the management .All the critical competitive exams like SSC, CGL, CHSL, JEE Mains, Railway Recruitment exams have embraced the online mode of examinations. And at the current stage, with the coronavirus pandemic going around, more and more organizations will embrace the online examination method. The online examination system application is vast. It can be used in various sectors, schools, colleges, tuition centres, or individual tutors. There is no doubt that the online examination system is not perfect yet. There are a lot of disadvantages of online examinations that must be addressed. But because of the demand in online examination systems, it is very much likely that online exam conducting companies will overcome all the drawbacks and create a safe, secure, and efficient online examination system in India

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CHAPTER 7

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