

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**  
**“Jnana Sangama”, Belgaum -590014, Karnataka.**



**PROJECT WORK-2 REPORT**  
**On**

**MEDILAB**

*Submitted by*

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*Under the guidance of*  
**Lohith J.J**  
**Professor**

*in partial fulfillment for the award of the degree of*  
**BACHELOR OF ENGINEERING**  
*in*  
**COMPUTER SCIENCE AND ENGINEERING**



**B.M.S. COLLEGE OF ENGINEERING**  
**(Autonomous Institution under VTU)**  
**BENGALURU-560019**  
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**B. M. S. College of Engineering,**

**Bull Temple Road, Bangalore 560019**  
(Affiliated To Visvesvaraya Technological University, Belgaum)  
**Department of Computer Science and Engineering**



**CERTIFICATE**

This is to certify that the project work entitled “**Medilab**” carried out by **SUDESHNA BHUSHAN (1BM19CS189), NANDITA MAHENDRA (1BM19CS203), RUBIANA JOSEPHINE PAUL (1BM19CS208), DYUTHI ABHITHA PRAKASH (1BM19CS196)** who are bonafide students of **B. M. S. College of Engineering**. It is in partial fulfillment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visvesvaraya Technological University, Belgaum during the year 2021. The project report has been approved as it satisfies the academic requirements in respect of **Project Work-2(19CS4PWPW2)** work prescribed for the said degree.

Signature of the Guide

Prof. Lohith JJ  
Professor  
BMSCE, Bengaluru

Signature of the HOD

Dr. Umadevi V.  
Prof & Head of Dept of CSE  
BMSCE, Bengaluru

External Viva

Name of the Examiner

Signature with date

**B.M.S. COLLEGE OF ENGINEERING**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**DECLARATION**

We, SUDESHNA BHUSHAN (1BM19CS189), NANDITA MAHENDRA (1BM19CS203), RUBIANA JOSEPHINE PAUL (1BM19CS208), DYUTHI ABHITHA PRAKASH (1BM19CS196) students of 4th Semester, B.E, Department of Computer Science and Engineering, BMS College of Engineering, Bangalore, hereby declare that, this Project Work-2 entitled "**Medilab**" has been carried out by us under the guidance of Prof. Lohith JJ, Professor, Department of CSE, BMS College of Engineering, Bangalore during the academic semester February-June 2021.

We also declare that to the best of our knowledge and belief, the development reported here is not from part of any other report by any other students.

Signature

**SUDESHNA BHUSHAN (1BM19CS189)**  
**NANDITA MAHENDRA (1BM19CS203)**  
**RUBIANA JOSEPHINE PAUL (1BM19CS208)**  
**DYUTHI ABHITHA PRAKASH (1BM19CS196)**

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# INTRODUCTION

## 1.1 Overview

**Medilab** is a diagnostic lab that has implemented the “LAB DATA MANAGEMENT SYSTEM” to maintain its records of most of the aspects carried out in the laboratory such as appointments, emergency facilities, and many more. This project is general purpose “Web Application” that can perform several tasks such as enquiring facilities service for the patients and for the doctors and management a separate authentication portal is provided, from which two authentications are availed, one of the admins to manage and supervise the lab records by updating their reports through online or offline also. This project is build using Bootstrap framework in the front end and the php as the server-side scripting language on the platform of MySQL and it can be tested locally using XAMPP or WAMP servers.

## 1.2 Motivation

### General Introduction

Medilab is a diagnostic lab that has implemented the “LAB DATA MANAGEMENT” to maintain its records of most of the aspects carried out in the laboratory such as appointments, emergency facilities, and many more

This project is general purpose “Web Application” that can perform several tasks such as enquiring facilities service for the patients. And for the doctors and management a separate authentication portal is provided, from which two authentications are availed, one of the admins to manage and supervise the lab records by updating their reports through online or offline also.

This web application is developed in such a way that it can be fitted to any of the devices such as desktops, laptops, tablets, hence it is a responsive web application.

The header line provides the immediate calling and mailing facility and also displays the hospital working hours.

The map is also displayed in the main page of the web application.

Login is must and required to get the appointment whereas there is no need of any formalities to book the ambulance for emergency cases.

### **Objective of this Project:**

- To provide an online platform to the patients to get the appointments.
- To provide the user-friendly environment
- The management can easily supervise the system and have a good control over each and every records.
- To make it easy to use for everyone.
- To work fast and accurate.
- To be time efficient.

### **Advantages:**

- Easy to use.
- User-friendly
- Attractive
- Anyone can understand the concepts of laboratory.
- Minimized data-entry.
- Saved a lot of paper work.
- Saves lot of time.
- Reduced risk of accuracy.
- Minimized effort and time.
- Fast processing time.

# SOFTWARE REQUIREMENTS

## Hardware requirements:

- Processor - i3 or higher
- RAM - 2GB or higher
- HDD/SDD - 120GB
- Device - Laptop/desktop/tablet/cell-phone

## Software requirements:

- Frontend - Bootstrap Framework (HTML, CSS, JS)
- Backend - MySQL
- Server Scripting Language - PHP
- Operating System- Windows 7 or higher
- IDE - Microsoft VS Code
- Text Editor - Brackets
- Local Server - XAMPP
- Search Engine -Chrome/Mozilla

# DATABASE DESIGN MODEL

## INTRODUCTION

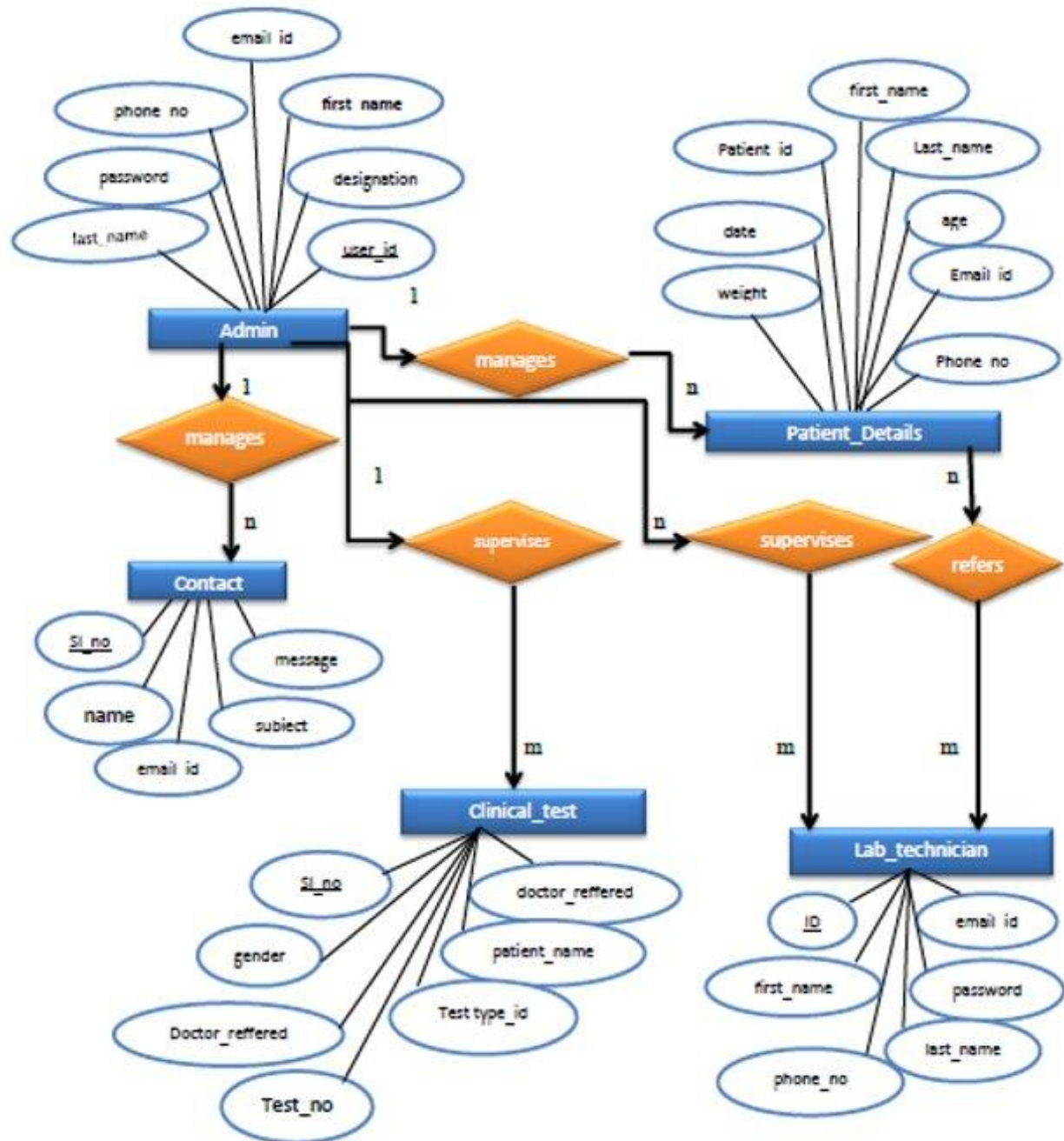
Major steps in database design model-

- Requirements Analysis:
  - Talk to the potential users, understand what is to be stored, and operations and requirements are desired.
- Conceptual Database Design:
  - Develop a high-level description of the data and constraints.
- Logical Database Design:
  - Convert the conceptual model to be schema in the chosen data model of the DBMS. Converting the conceptual to a relational schema.
- Schema
  - Refinement: Look for potential problems in the original choice of schema and try to redesign.
- Physical Database Design: Direct the DBMS into choice of underlying data layout in hopes of optimizing the performance.
- Application and security Design:
  - How will the underlying database interact with surrounding applications?

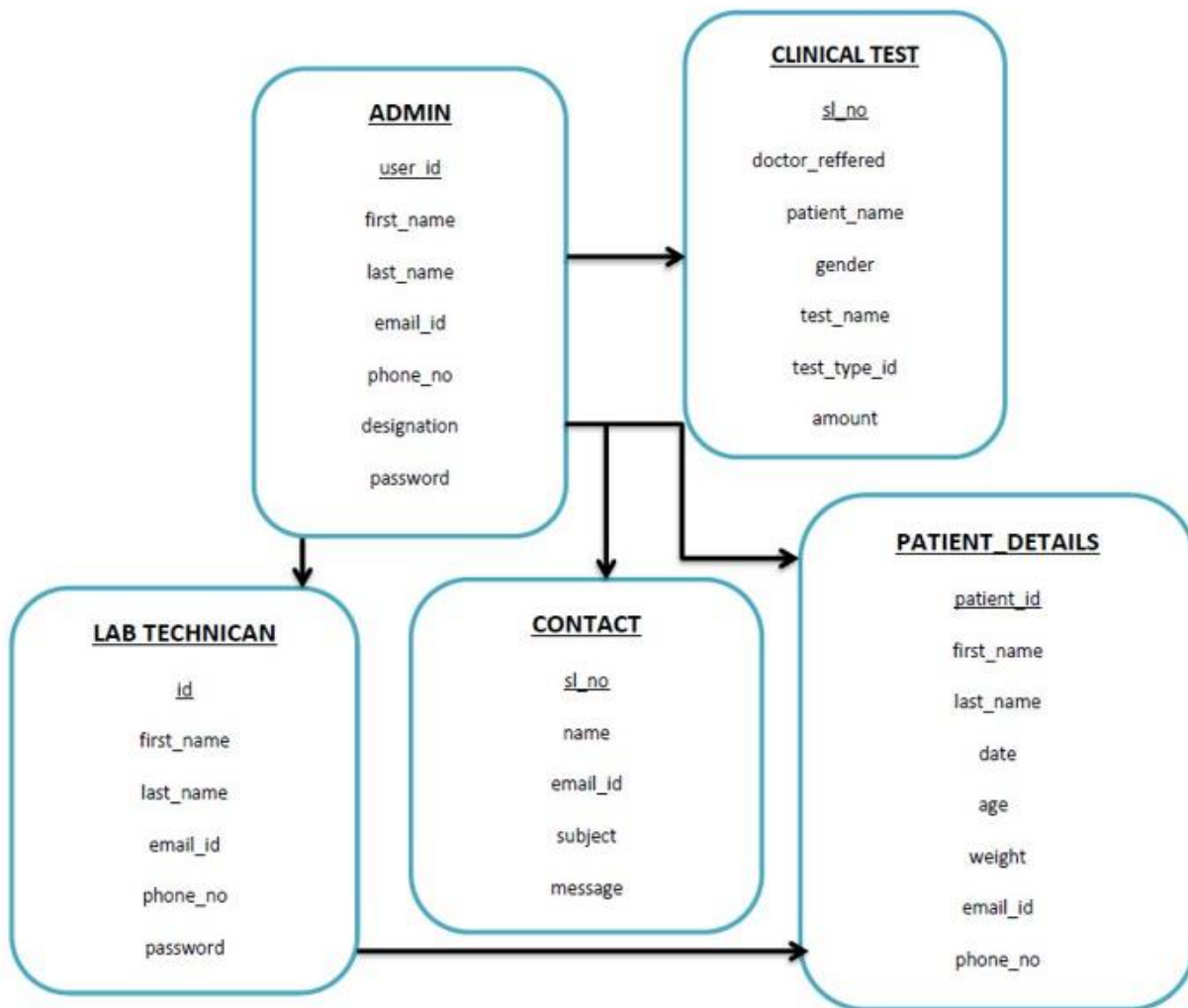


## 3. ER DIAGRAM OF THE PROJECT

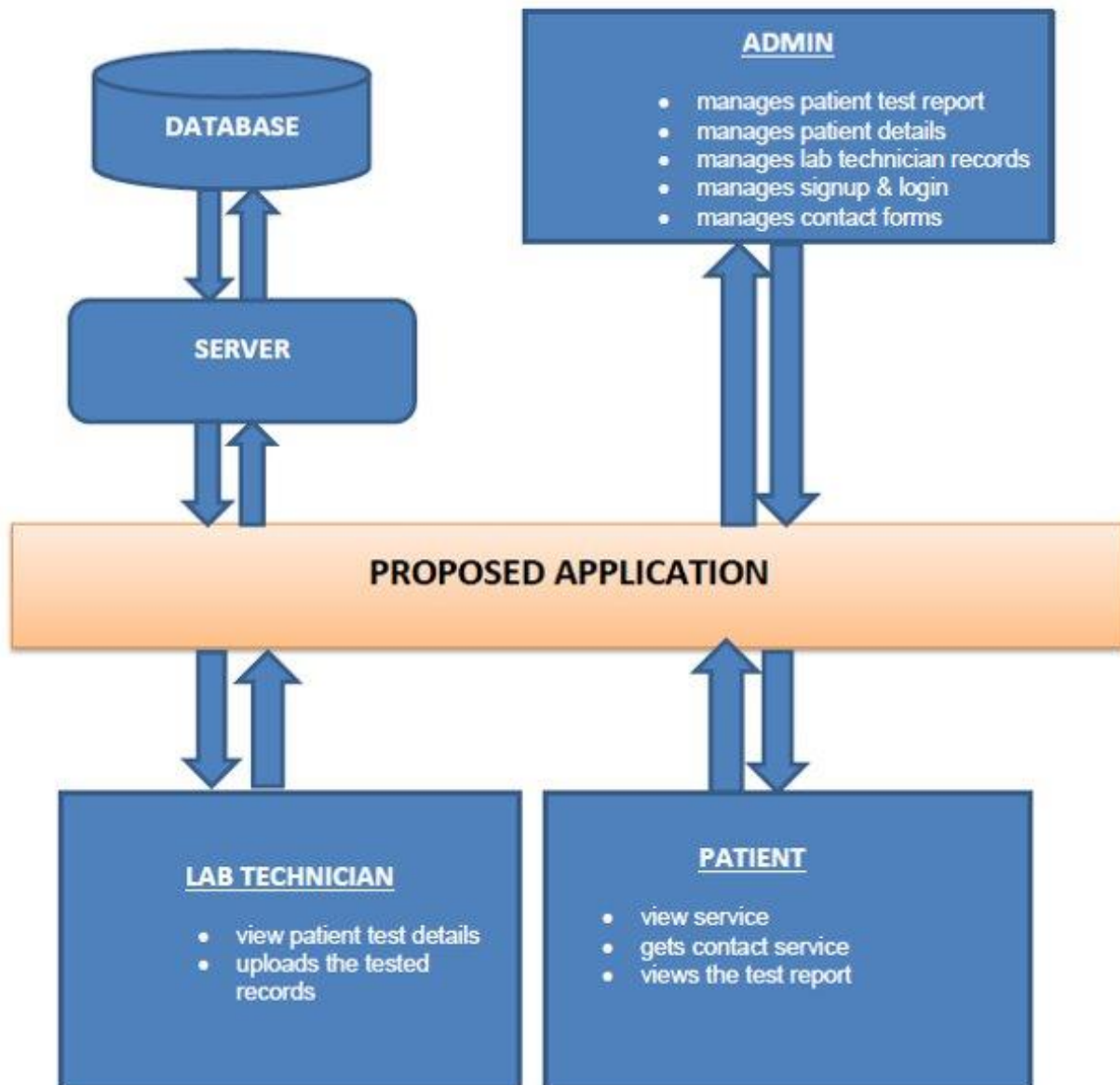
### 3.1. ER DIAGRAM



# DATABASE DIAGRAM



# ARCHITECTURE DIAGRAM



## 4. SCHEMA OF THE PROJECT

ADMIN

<u>User_id</u>	First_name	Last_name	Email_id	Phone_no	Designation	Password
----------------	------------	-----------	----------	----------	-------------	----------

CONTACT

<u>Sl_no</u>	name	Email_id	subject	Message
--------------	------	----------	---------	---------

CLINICAL\_TEST

<u>Sl_no</u>	Doctor_reffered	Patient_name	gender	Test_name	Test_type_id	Amount
--------------	-----------------	--------------	--------	-----------	--------------	--------

LAB\_TECHNICIAN

<u>id</u>	First_name	Last_name	Email_id	Phone_no	Password
-----------	------------	-----------	----------	----------	----------

PATIENT\_DETAILS

<u>Patient_id</u>	First_name	Last_name	date	age	weight	Email_id	Phone_no
-------------------	------------	-----------	------	-----	--------	----------	----------

## **TABLES USED IN THE PROJECT**

### **ADMIN**

<b>COLUMN</b>	<b>TYPE</b>
User_id	Bigint(250)
First_name	Varchar(200)
Last_name	Varchar(200)
Email_id	Varchar(200)
Phone_no	Bigint(200)
Designation	Varchar(200)
password	Varchar(200)

### **CONTACT**

<b>COLUMN</b>	<b>TYPE</b>
Sl_no	Bigint(250)
Name	Varchar(200)
Email_id	Varchar(200)
Subject	Varchar(200)
message	Varchar(200)

## **CLINICAL TEST**

<b>COLUMN</b>	<b>TYPE</b>
<b>Sl_no</b>	<b>Bigint(250)</b>
<b>Doctor_reffered</b>	<b>Varchar(200)</b>
<b>Patient_name</b>	<b>Varchar(200)</b>
<b>Gender</b>	<b>Varchar(200)</b>
<b>Test_name</b>	<b>Varchar(200)</b>
<b>Test_type_</b>	<b>Varchar(200)</b>
<b>amount</b>	<b>Varchar(200)</b>

## **LAB TECHNICIAN**

<b>COLUMN</b>	<b>TYPE</b>
<b>id</b>	<b>Bigint(250)</b>
<b>First_name</b>	<b>Varchar(200)</b>
<b>Last_name</b>	<b>Varchar(200)</b>
<b>Email_id</b>	<b>Varchar(200)</b>
<b>Phone_no</b>	<b>Varchar(200)</b>
<b>password</b>	<b>Varchar(200)</b>

## **PATIENT DETAILS**

<b>COLUMN</b>	<b>TYPE</b>
<b>Patient_id</b>	<b>Bigint(250)</b>
<b>First_name</b>	<b>Varchar(200)</b>
<b>Last_name</b>	<b>Varchar(200)</b>
<b>Date</b>	<b>Date</b>
<b>Age</b>	<b>Bigint(200)</b>
<b>Weight</b>	<b>Varchar(200)</b>
<b>Email_id</b>	<b>Varchar(200)</b>
<b>Phone_no</b>	<b>Varchar(200)</b>

## **REPORT**

<b>COLUMN</b>	<b>TYPE</b>
<b>Sl_no</b>	<b>Bigint(250)</b>
<b>First_name</b>	<b>Varchar(200)</b>
<b>Last_name</b>	<b>Varchar(200)</b>
<b>Gender</b>	<b>Varchar(200)</b>
<b>Test_name</b>	<b>Varchar(200)</b>
<b>Test_id</b>	<b>Varchar(200)</b>
<b>Date</b>	<b>Date</b>
<b>Time</b>	<b>Time</b>
<b>Test1</b>	<b>Varchar(200)</b>
<b>Result1</b>	<b>Varchar(200)</b>
<b>Units</b>	<b>Varchar(200)</b>
<b>Standards1</b>	<b>Varchar(200)</b>
<b>Bio_ref1</b>	<b>Varchar(200)</b>
<b>methodology</b>	<b>Varchar(200)</b>

## **SIGNUP**

<b>COLUMN</b>	<b>TYPE</b>
<b>Sl_no</b>	<b>Bigint(250)</b>
<b>First_name</b>	<b>Varchar(200)</b>
<b>Last_name</b>	<b>Varchar(200)</b>
<b>Email_id</b>	<b>Varchar(200)</b>
<b>Create_password</b>	<b>Varchar(200)</b>
<b>Confirm_password</b>	<b>Varchar(200)</b>

## **IMPLEMENTATION AND ISSUES**

### **Implementation details**

Implementation is the stage of project where the theoretical design is turned into a working system. It can be considered to be the most crucial stage in achieving a successful new system gaining the users confidence that the new system will work and will be effective and accurate. It primarily concerned with user training and documentation.

Conversion usually takes place about the same time the user is being trained or later. Implementation simply means convening a new system design into an operational one.

If the implementation is not carefully planned and controlled. It can create confusion.

Implementation includes all those activities that take place to convert from the existing system to the new system. The new system may be totally new. Proper implementation is essential to



provide a reliable system to meet organization requirements. The process of putting developed system in actual use is called system implementation. This includes all those activities that takes place to convert from the old system to the new system.

## **SOFTWARE TESTING**

The process of executing a system with the intent of finding errors can be defined as testing. It can also be defined as the process that defines as the process that defines, isolates, subjects to rectification of defects, and so that the customer satisfaction is reached at last with assurance of the system is free from defects.

Software testing is a very important element of the quality assurance and it represents the SRS, designing, coding and implementation of the system proposed.

## **5.1. TEST CASES**

### **ADMIN LOGIN**

<b>INPUT</b>	<b>RESULT</b>	<b>CONCLUSION</b>
<b>LOGIN TYPE: email &amp; password</b> <b>1.admin email_id;</b> <b>user input</b> <b>2.password; user input</b>	<b>Admin is allowed to access the clinical test records, &amp; supervise the staff</b>	<b>Admin has to give the register email_id and password in order to access the system, if either email_id or password is wrong an error method is displayed</b>

### **Technician Login**

<b>INPUT</b>	<b>RESULT</b>	<b>CONCLUSION</b>
<b>LOGIN TYPE: email &amp; password</b> <b>1.admin email_id;</b> <b>user input</b> <b>2.password; user input</b>	<b>Admin is allowed to access the clinical test records, &amp; supervise the staff</b>	<b>Admin has to give the register email_id and password in order to access the system, if either email_id or password is wrong an error method is displayed</b>

### **User Login**

INPUT	RESULT	CONCLUSION
<b>LOGIN TYPE: email &amp; password</b> <b>1.admin email_id; user input</b> <b>2.password; user input</b>	<b>Admin is allowed to access the clinical test records, &amp; supervise the staff</b>	<b>Admin has to give the register email_id and password in order to access the system, if either email_id or password is wrong an error method is displayed</b>

### **CONTACT**

INPUT	RESULT	CONCLUSION
<b>1.name: user input</b> <b>2. email_id: user input</b> <b>3. subject; user input</b> <b>4. message; user input</b>	<b>Records should be uploaded or saved successfully and a popup box will show "your message has sent"</b>	<b>User contact details are saved successfully if call the fields are entered otherwise an alert message is displayed.</b>

### **ADD PATIENTS TEST DETAILS**

INPUT	RESULT	CONCLUSION
<ol style="list-style-type: none"><li>1. Doctor Referred: user input</li><li>2. Patient Name (First/Last): user input</li><li>3. Gender: choose from the list</li><li>4. Test Name: choose from the list</li><li>5. Test ID: choose from the list</li><li>6. Amount: choose from the list</li></ol>	<p>After filling the required data and ticking on in the confirmation box. Lab technician is proceeded to the step 2 to fill the patient details to carry out the lab test, taken/opted by the patient.</p>	<p>Lab technician has to fill the details of patient in order to do/proceed next step.</p>

### **ADD PATIENTS' DETAILS**

INPUT	RESULT	CONCLUSION
<ol style="list-style-type: none"><li>1. First Name: user input</li><li>2. Last Name: user input</li><li>3. Date: choose from the list</li><li>4. Age: user input</li><li>5. Weight: user input</li><li>6. Email ID: user input</li><li>7. Phone Number: user input</li></ol>	<p>After filling the required data and ticking on in the confirmation box. Lab technician is proceeded to the step 2 to fill the patient details to carry out the lab test, taken/opted by the patient.</p>	<p>Lab technician has to fill the details of patient in order to do/proceed next step.</p>

## **Report**

INPUT	RESULT	CONCLUSION
<ol style="list-style-type: none"><li>1. SI no: user input</li><li>2. First name: user input</li><li>3. Last name: user input</li><li>4. Gender: choose from the list</li><li>5. Test name: choose from the list</li><li>6. Test ID: user input</li><li>7. Date: choose from the list</li><li>8. Time: choose from the list</li><li>9. Test1: choose from the list</li><li>10. Result1: choose from the list</li><li>11. Units: choose from the list</li><li>12. Standards1: user input</li><li>13. Bio ref1: user input</li><li>14. Methodology: user input</li></ol>	<p>After filling the required data and ticking on in the confirmation box. Lab technician will get a confirmation message that the report is successfully uploaded.</p>	<p>Lab technician has to fill the details of patient in order to do/proceed next step</p>

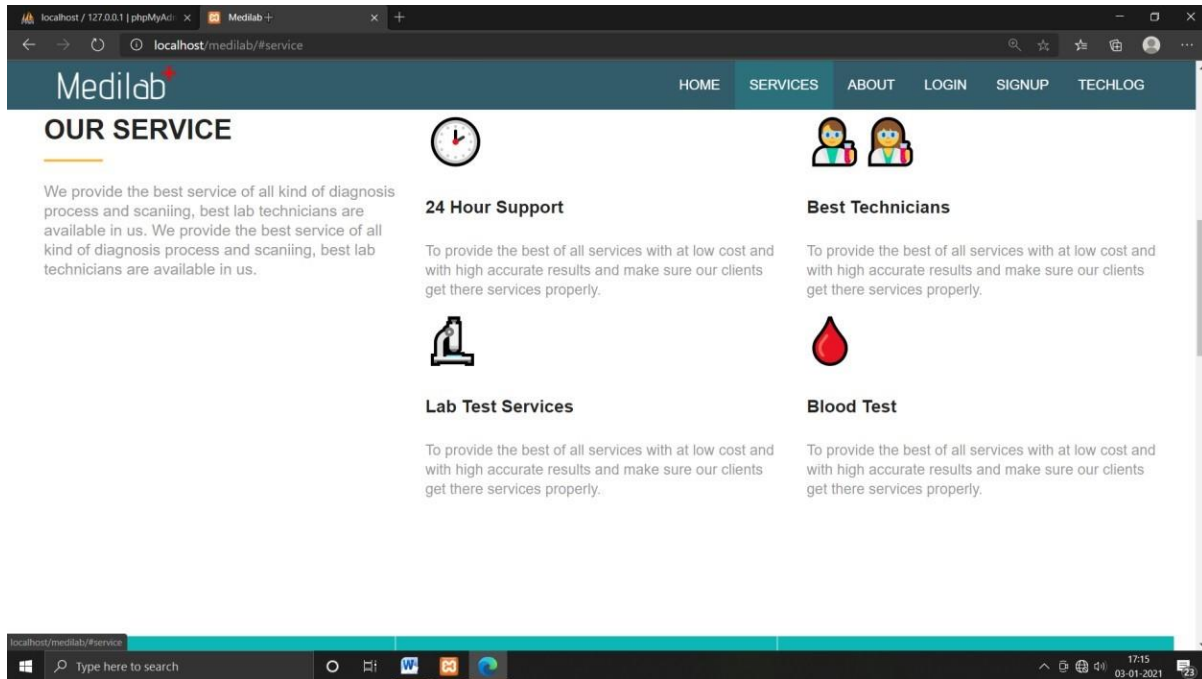
# USER INTERFACE DESIGN

**FIGURE 1: Homescreen**

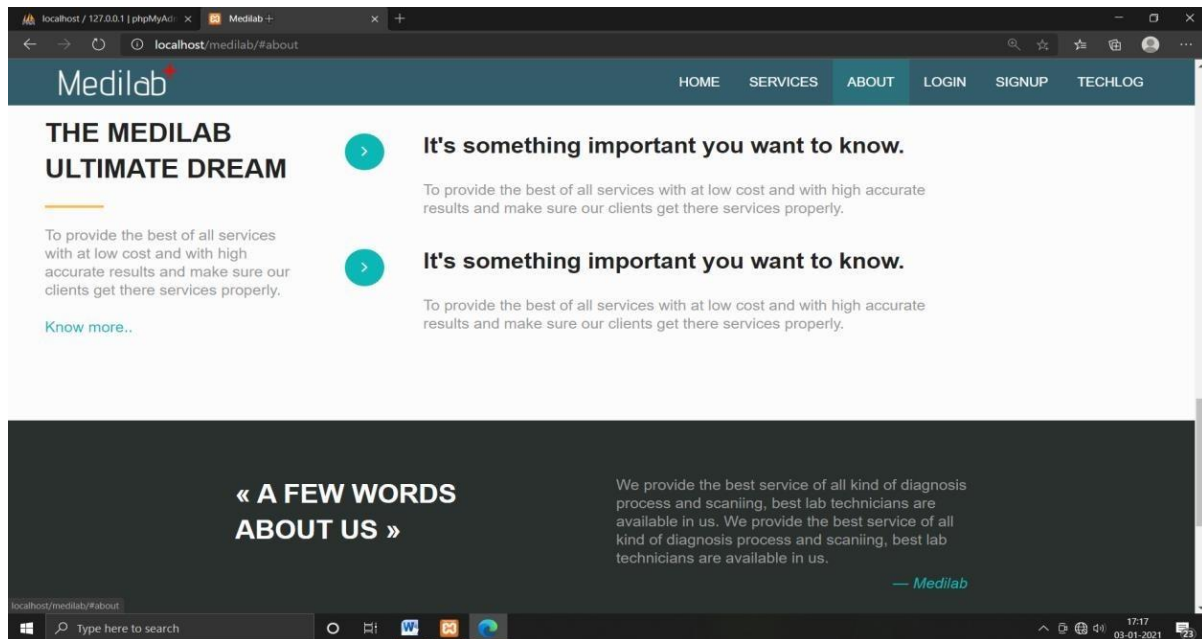


**This is the home page of the site; this page get displays soon after visiting the site. It contains services about login, signup, services, about, Techlog.**

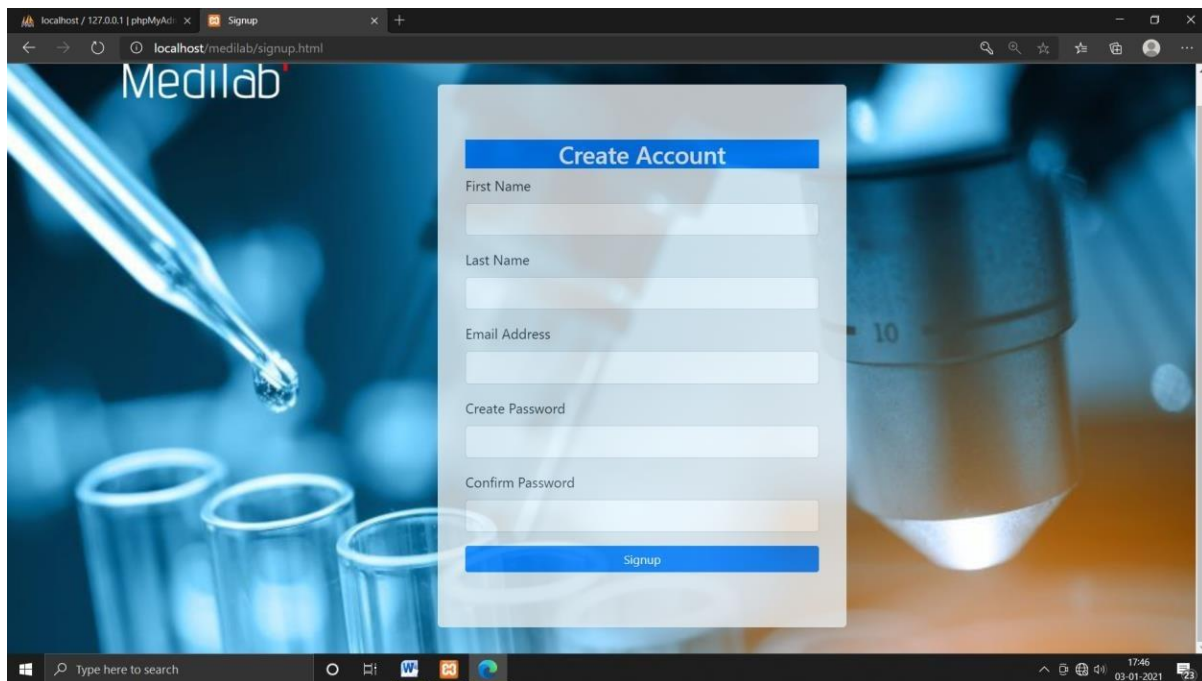
## FIGURE 2: SERVICES OFFERED FORM:



## FIGURE 3: ABOUT US:

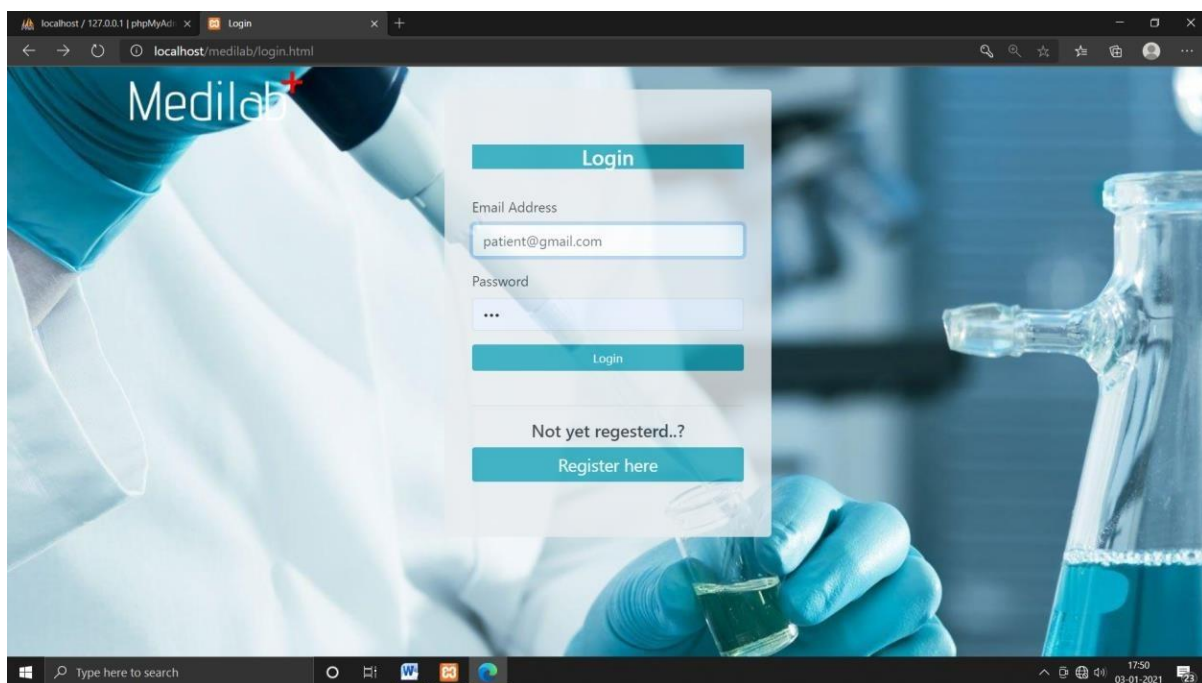


**FIGURE 4: PATIENT SIGNUP FORM:**



The screenshot shows a web browser window with the URL `localhost/medilab/signup.html`. The page features a background image of laboratory glassware. A central white modal box titled "Create Account" contains the following fields: "First Name", "Last Name", "Email Address", "Create Password", and "Confirm Password". Each field is represented by a white input box. Below these fields is a blue "Signup" button. The browser's address bar shows the local host address, and the Windows taskbar is visible at the bottom.

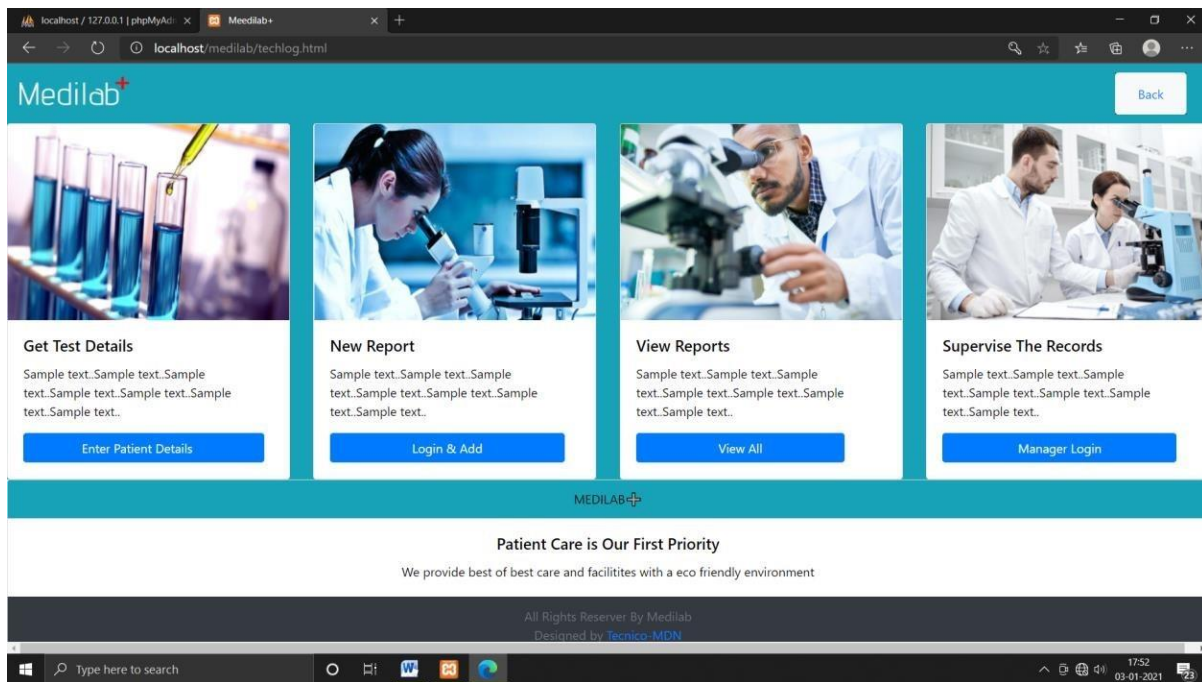
**FIGURE 5: PATIENT LOGIN:**



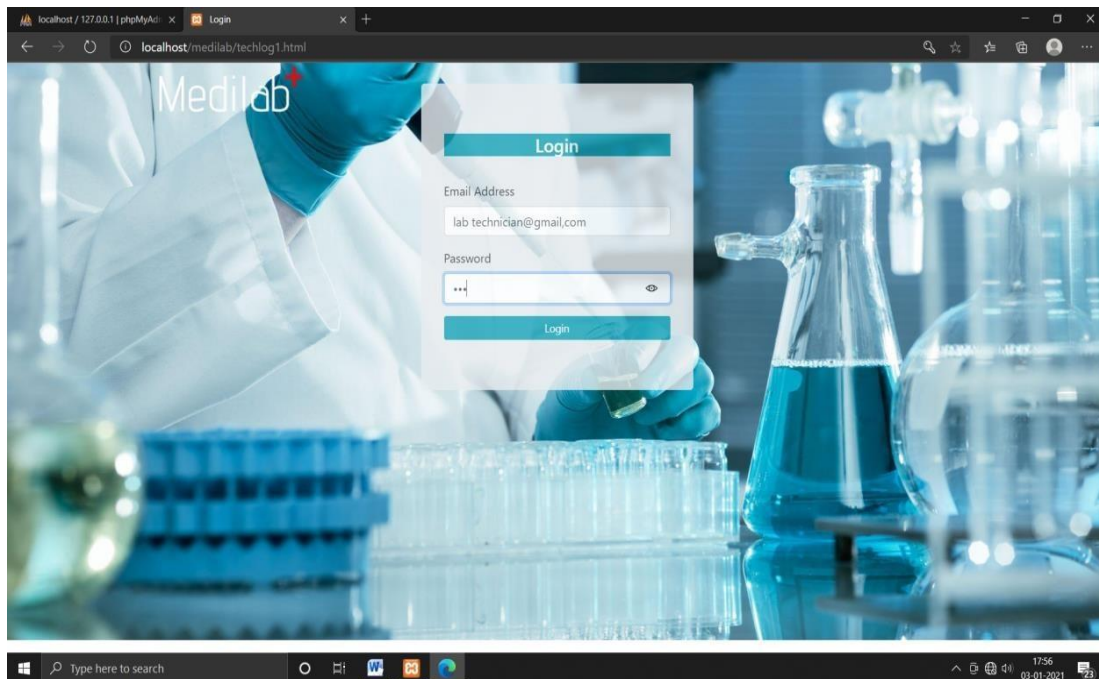
The screenshot shows a web browser window with the URL `localhost/medilab/login.html`. The page features a background image of a person in a lab coat holding a test tube. A central white modal box titled "Login" contains the following fields: "Email Address" (with the text `patient@gmail.com` entered) and "Password" (with masked characters `***`). Below these fields is a blue "Login" button. At the bottom of the modal, there is a link "Not yet regesterd..?" and a blue "Register here" button. The browser's address bar shows the local host address, and the Windows taskbar is visible at the bottom.



## FIGURE 6: LAB TECHNICIAN LOGIN:



**FIGURE 7: ENTER PATIENT DETAILS:**

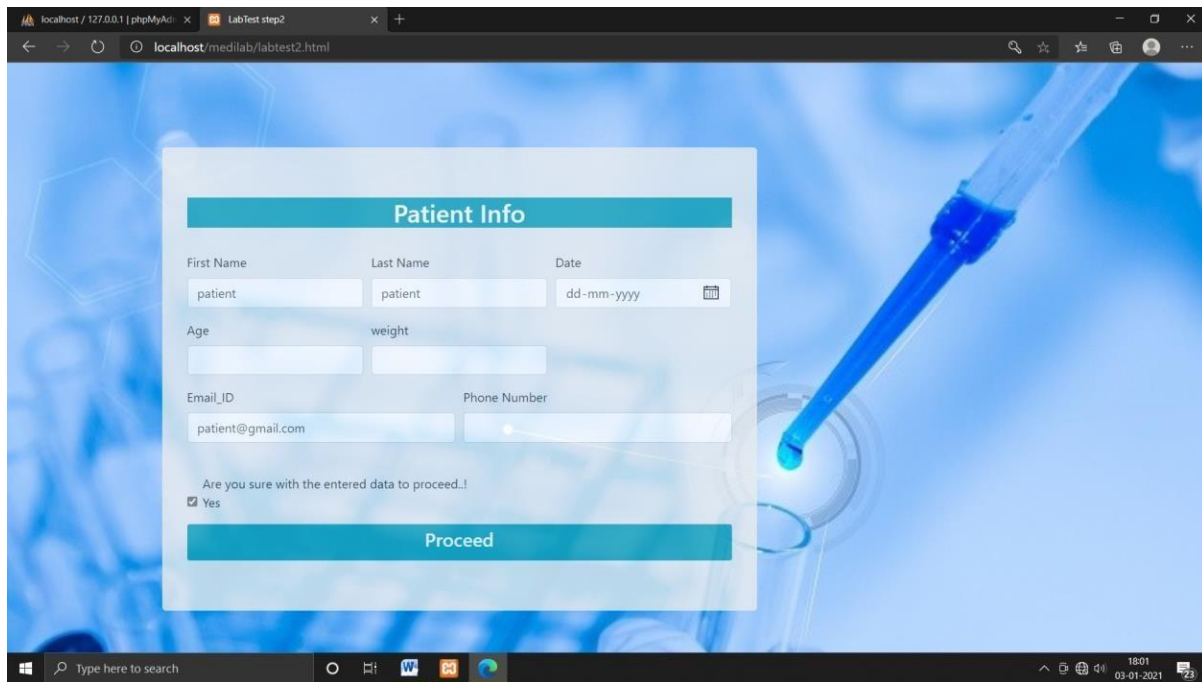


**FIGURE 8: LAB TEST DETAILS:**

A screenshot of a web browser displaying the 'Lab Test Details' form. The form is semi-transparent and overlaid on a background image of a laboratory. The form has a title 'Lab Test Details' and several input fields: 'Doctor Referred' (text: 'Doctor'), 'Patient Name(First/last)' (text: 'patient'), 'Gender' (dropdown: 'Choose...'), 'Test Name' (dropdown: 'Choose...'), 'Test ID' (dropdown: 'Choose...'), and 'Amount' (text: '₹'). Below these fields is a checkbox 'Are you sure with the entered data to proceed..!' with 'Yes' selected. A 'Proceed' button is at the bottom of the form. To the right of the form is a 'Price List' table. The browser's address bar shows 'localhost/medilab/labtest1.html'. The Windows taskbar at the bottom shows the search bar and several application icons.

#	Test ID	Cost
1	BT1	₹80
2	GT2	₹120
3	HT3	₹150
4	KT4	₹200
5	CT5	₹150
6	PT6	₹220
7	TT7	₹400
8	UT9	₹300

**FIGURE 9: PATIENT INFO:**



The screenshot shows a web browser window with the address bar displaying 'localhost / 127.0.0.1 | phpMyAdmin' and 'LabTest step2'. The page content is a 'Patient Info' form. The form has a title bar 'Patient Info' and several input fields: 'First Name' (containing 'patient'), 'Last Name' (containing 'patient'), 'Date' (with a date picker showing 'dd-mm-yyyy'), 'Age' (empty), 'weight' (empty), 'Email\_ID' (containing 'patient@gmail.com'), and 'Phone Number' (empty). Below the fields is a confirmation message 'Are you sure with the entered data to proceed..!' with a checked 'Yes' checkbox. At the bottom of the form is a 'Proceed' button. The background of the page is a blue-tinted image of a laboratory setting with a pipette and petri dishes. The Windows taskbar is visible at the bottom of the browser window.

**FIGURE 10: DISPLAYING THE PATIENT DETAILS:**

The screenshot displays a web browser window with the URL `localhost/medilab/service.php`. The page title is "Displaying the Patient Details". Below the title is a table with 14 columns: SL.no, Doctor referred, Patient name, Gender, Test name, Test type id, Amount, Patient\_ID, First name, Last name, Date, Age, Body Weight, Email\_ID, and Phone\_no. The table contains 9 rows of patient data. Below the table, there is a message box stating: "The Report will be generated within next 12 hours, Please Be Patient till the report is uploaded. You can view your report through our website after login". To the right of the message box are three buttons: "Fill New Form" (blue), "Add Report" (blue), and "Logout" (yellow).

SL.no	Doctor referred	Patient name	Gender	Test name	Test type id	Amount	Patient_ID	First name	Last name	Date	Age	Body Weight	Email_ID	Phone_no
1	Dr.Khan	Test1	Male	Blood Test	BT1	80	1	Test1	testqq	2020-12-28	21	75	test1@gmail.com	9898989898
2	Dr.Jhon	Test2	Female	Kidney Testing	KT4	200	2	Test2	testww	2020-12-28	22	65	test2@gmail.com	4567891235
3	Dr.Chinmayi	Ramya	Female	Blood Test	BT1	80	3	Ramya	Manjunath	2020-12-30	30	50	ramya@gmail.com	7896541235
4	Dr.Kishan	Rishik S	Male	Thyroid Tests	TT7	400	4	Rishik	S	2020-12-30	35	68	rishi@gmail.com	7514965824
5	Dr.Kishan	Chaitra Vinay	Female	Cholestrol Test	CT5	150	5	Chaitra	Vinay	2020-12-30	27	70	chaitra@gmail.com	7512349875
7	Dr.Chinmayi	Anitha Venugopal	Female	Urinalysis Tests	UT8	300	7	Anitha	Venugopal	2020-12-31	45	75	anitha@gmail.com	8547256984
9	Dr.Chinmayi	Samanth T	Male	Blood Test	BT1	80	9	Poorna	Chandra	2021-01-01	24	78	poorna@gmail.com	6364380621

**FIGURE 11: ADD REPORT(LAB TEST DETAILS):**

The screenshot displays a web browser window with the URL `localhost/medilab/addrepo.html`. The page title is "Lab Test Details". The form is divided into two main sections: "Patient Info" and "Tests". The "Patient Info" section includes fields for First Name, Last Name, Gender (dropdown), Test Name (dropdown), Test ID (dropdown), Date (calendar icon), and Time (clock icon). The "Tests" section includes fields for Test1, Result, Units (dropdown), Standards (dropdown), Biological Reference, and Methodology. Below the form, there is a checkbox labeled "Are you sure with the entered data..?" with "Yes" selected. A "Save" button is at the bottom of the form.

**FIGURE 12: REPORT GENERATED AND LOGOUT FROM THE PAGE:**



localhost / 127.0.0.1 | phpMyAdmin x Displaying the ClinicaTest Report x +

localhost/medilab/service2.php

### Reports Generated

Sl no	First_name	Last Name	Gender	Test Name	Test_ID	Date	Time	Test1	Result1	Units	Standards1	Bio_ref1	Methodology
1	Test1	testqq	Male	Blood Test	BT1	2020-12-30	09:26:00	Hemoglobin	13	g/dL	is <	Hb	Arterial Sampling
2	Test2	testww	Female	Kidney Testing	KT4	2020-12-30	09:33:00	GFR	70	%	is <	Glomerular Filtration Rate	ACR-GFR
3	Ramya	Manjunath	Female	Blood Test	BT1	2020-12-30	14:55:00	WBC	11500	millions/cumm	is >	proctitis	CDC
4	Rishik	S	Male	Thyroid Tests	TT7	2020-12-30	16:39:00	TSH	5	pg	is >	TSH	series of blood test
5	Chaitra	Vinay	Female	Cholestrol Test	CT5	2020-12-30	19:43:00	cholestral test	140	mg/dl	is =	total cholestral	blood test
6	Anitha	Venugopal	Female	Urinalysis Tests	UT8	2020-12-31	22:43:00	urine	100	mm	is >	urinary tract infections	urine
7	Poorna	Chandra	Male	Blood Test	BT1	2021-01-01	12:51:00	blood test	5000	cells/cumm	is =	WBC	series of blood test
8	Samanth	T	Male	Blood Test	BT1	2021-01-03	18:07:00	Blood test	10000	mg/dl	is =	WBC	series of blood test
9	Samanth	T	Male	Blood Test	BT1	2021-01-03	18:07:00	Blood test	10000	mg/dl	is =	WBC	series of blood test

The Report generated here is clear and accurate.

You can get the hardcopy of the Test Report in the Report counter in our MEDILAB.

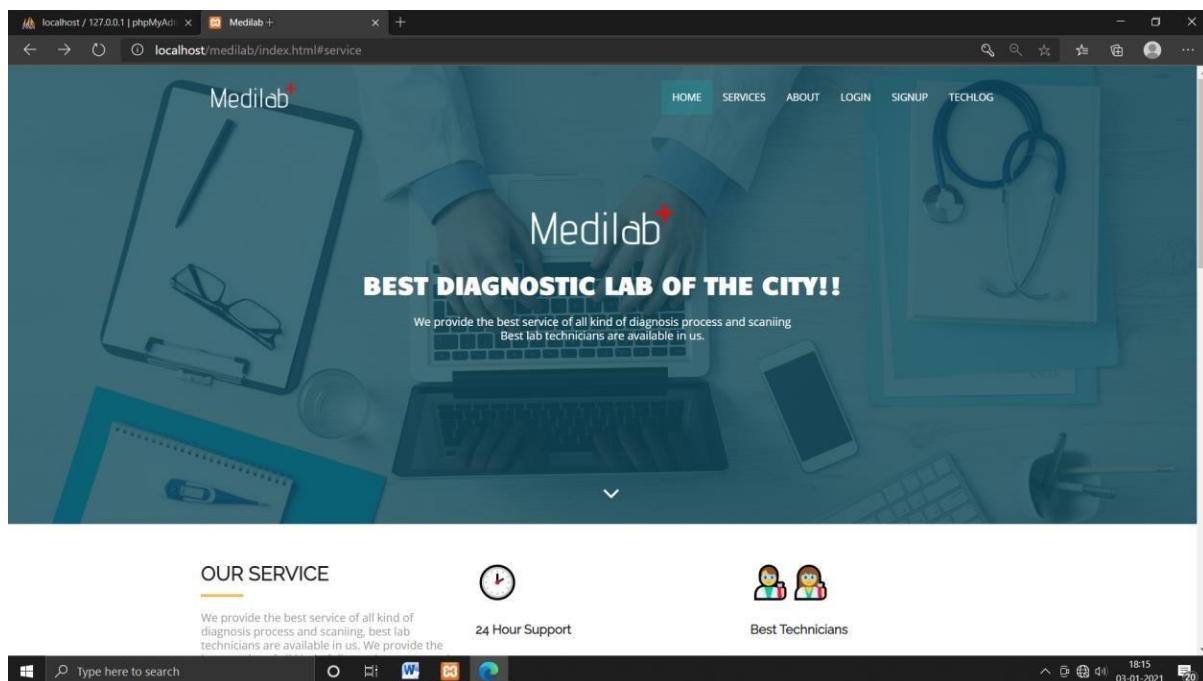
Fill New Form

Add Report

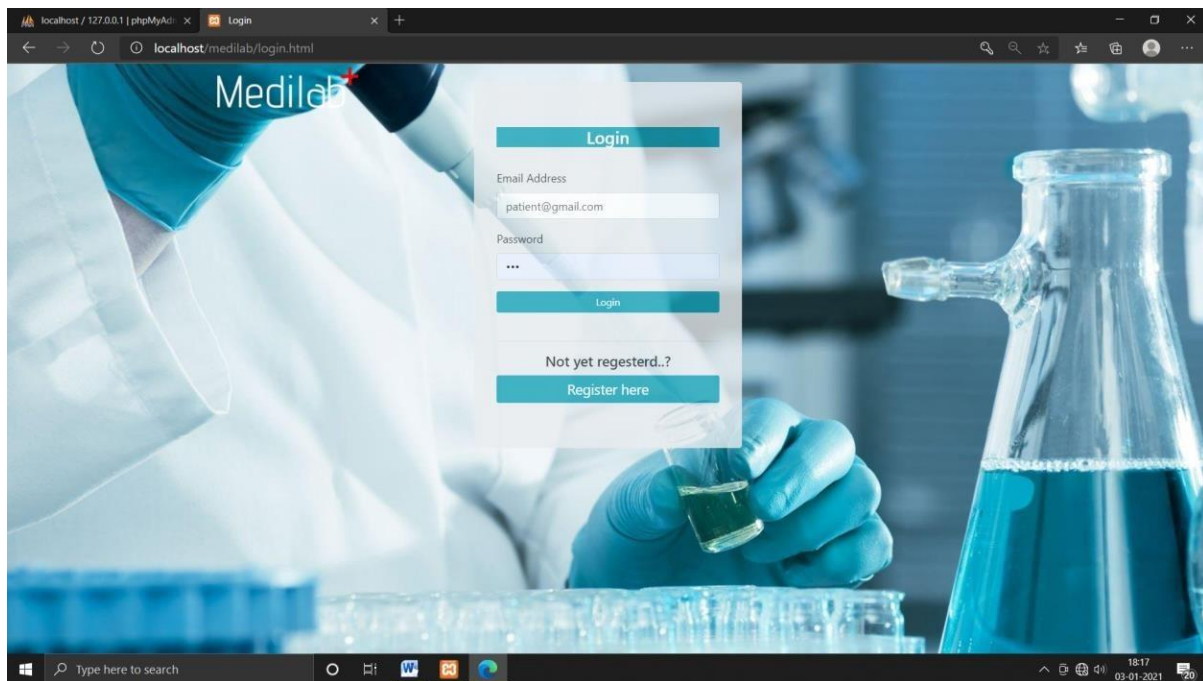
Logout

18:12 03-01-2021

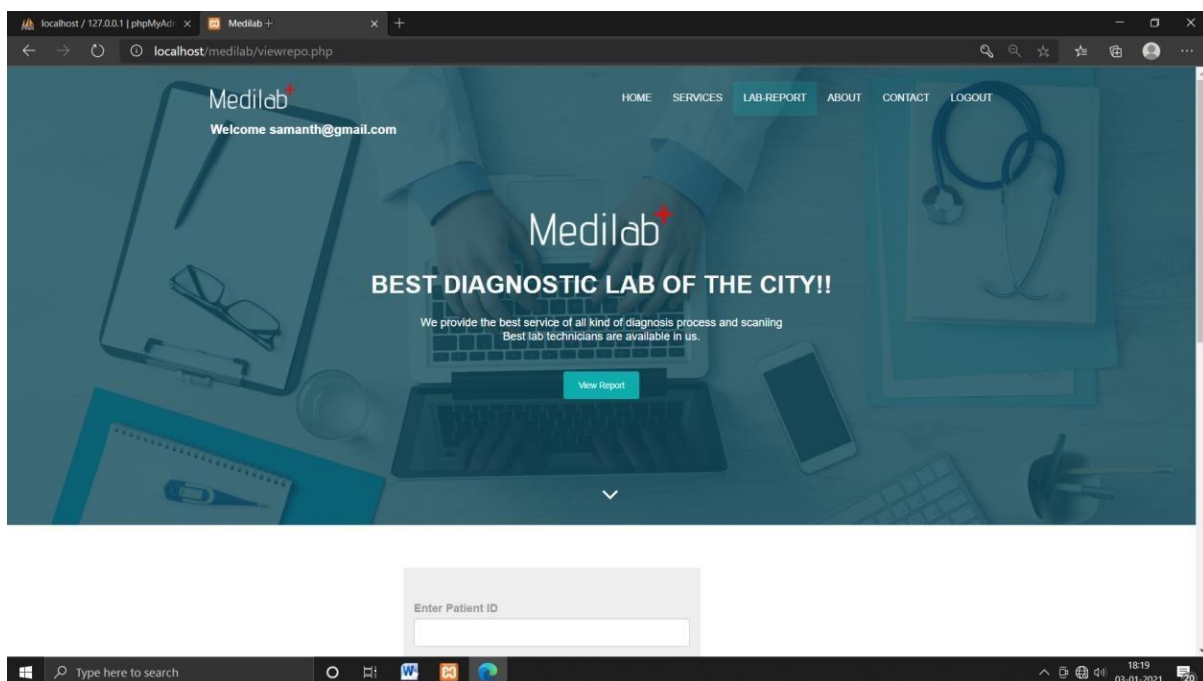
**FIGURE 13: LOGIN TO GET REPORT:**



**FIGURE 14: PATIENT LOGIN TO GET REPORT:**



**FIGURE 15: VIEW LAB REPORT:**



**FIGURE 16: ENTER VALID PATIENT ID:**

localhost / 127.0.0.1 | phpMyAdmin x Medilab +

localhost/medilab/viewrepo.php#report

Medilab

HOME SERVICES LAB-REPORT ABOUT CONTACT LOGOUT

Enter Patient ID

Generate

### CONTACT US

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**Having Any Query! Feel free to contact us 😊**

Your Name

Email ID

Subject

Message

Send

Type here to search

18:21 03-01-2021

**FIGURE 17: REPORT GENERATED:**

localhost / 127.0.0.1 | phpMyAdmin x Report

localhost/medilab/genrepo.php

Medilab

Home Back Logout

### Reports Generated

SI no	First name	Last Name	Gender	Test Name	Test ID	Date	Time	Test1	Result1	Units	Standards1	Bio_ref1	Methodology
8	Samanth	T	Male	Blood Test	BT1	2021-01-03	18:07:00	Blood test	10000	mg/dl	is =	WBC	series of blood test

Type here to search

18:22 03-01-2021

## Conclusion

The “LAB DATA MANAGEMENT” is a database management system adopted by the lab named “MEDILAB” to have a general-purpose web application in which both the laboratory staff and the clients/patients can get the benefit from it.

- It is developed in such a way that the patients can book an appointment online through our website where as well can get the ambulance service, whereas the doctors can view their appointment schedule and above all, the hospital management can easily supervise and maintain the records of doctors, patients, emergency service, email subscriptions and contact forms and have complete control over it.
- This project is an attempt to provide a platform to the users and service providers to save time and maintain accuracy with reduced paperwork and time and to provide the details of the service provider to the client, so that they can understand and learn about the facilities provided by the service provider (Hospital).



## REFERENCES:

- <https://www.w3schools.com>
- <https://www.eduonix.com>
- <https://fonts.google.com>