

**A
Project Report
on
India Health – Clinical Laboratory
Report Generation System
Developed By
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as
Partial Fulfillment of Semester III of
Master of Computer Applications /
Master of Science in information Technology
for A.Y. 2022 - 2023
Under the Guidance of
Prof. Ravi Nimavat
Submitted To
Department of MCA
Faculty of IT & Computer Science
PARUL University**





CERTIFICATE

This is to certify that **Mr. Smit Bosamiya, Enrollment No. 210511214006, Mr. Jishan Bhatti, Enrollment No. 210511214002 and Ms. Manisha Karma, Enrollment No. 210511207024** students of Master of Computer Applications and/or Master of Science in Information Technology has satisfactorily completed the Minor Project on **“India Health - Clinical Laboratory Report Generation System”** at **Faculty of IT & Computer Science, Parul University** as partial fulfillment of MCA and/or M.Sc. (IT) Semester III.

Seat No. _____

Date of Submission: _____

Internal Guide

Dean - FITCS

**Faculty of IT & Computer Science
PARUL University, Vadodara**

Acknowledgement

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We are thankful to and fortunate enough to get constant encouragement, support and guidance from our Parents, all Teaching staffs of MCA Department which helped us in successfully completing our project work. Also, we would like to extend our sincere esteems to all staff in laboratory for their timely support.

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1. About Department of MCA

PARUL University

Parul University is a legitimate university established under Gujarat Private University Act 2009, after legislation passed by the Government of Gujarat on 26th March 2015 giving University status to Parul Group of Institutes functioning under the aegis of Parul Arogya Seva Mandal Trust.

Faculty of IT & Computer Science

Faculty of IT and Computer Science, Parul University has materialized as one of the prime IT education providers at global level. Various departments under Faculty of IT and Computer Science strive in preparing IT-industry ready professionals by means of various skill development courses, vocational courses, co-curricular & extra-curricular activities, industry visits and expert lectures.

MCA Department

The Department of Master of Computer Application and Master of Science in Information Technology at Parul University emphasizes on building professionals in the domain of computer applications by providing necessary environment by means of facilitating suitable blend of technical and non-technical learning experience. The department cultivates students in various curricular, co-curricular and extra-curricular activities in order to produce future system analysts, system designers, system programmers, application programmers, testing professionals, system managers, project managers, researchers and other leading positions in systems/IT department.

The departments offers various subjects from diversified technical/non-technical areas such as – core IT domain, management, communication skills, mathematics & logic building and rich pool of elective subjects.

The department of MCA and M.Sc. (IT) focuses on project-based learning, and hence students are motivated to work on tiny hands-on projects in practical oriented subjects to get better exposure. Moreover, throughout their MCA studies, students are required to work on around 3 mini/major projects in individual/team to get enough confidence on software-development and thereby become industry-ready.

2. Introduction

2.1 Project Definition

“India Health” is a web application where the user can login, registration and view their clinical reports, his/her health data and nearby doctors and laboratory etc.

2.2 Project Description

India Health is platform where user can view their clinical reports, doctors can create a new query for a report towards the patient, laboratories can fill details to the new report or the query created by the doctors, this all reports are stored in this system and accessible any time by patient, doctors and laboratories.

2.3 Existing System

In earlier, all clinical reports are printed by laboratories, and patient needs to carry those hard copy to the doctors. Sometimes patient lose those report and need to reprint them. But nowadays many laboratory management system are available and creating reports. But it's doesn't full fill all requirements

2.4 Problem Statements

Generating and storing reports digitally.

Connecting Patient, Doctors and Laboratories together on single platform.

2.5 Need for New System

“India Health” is a web application. The purpose of online report generation system to automate the existing manual system by the help of computerized equipment's and full flag computer software fulfilling their requirements so that their valuable data information can be stored for a longer period with easy accessing and manipulation of the same the required Software and Hardware are easily available and easy to work with.

2.6 Proposed System & Features

India Health is web application and it is very helpful for the patient, doctors and laboratories to generate and store clinical reports. Patient can access their reports form anywhere any time.

2.7 Scope

Provides a Registration Form for filling up new users' details.

Provides a facility to view and print his/her clinical report.

Provides a facility to register as doctor/laboratory.

Provides a facility to generate report query by doctors.

Provides a facility to fill/print report by laboratory.

2.8 Outcomes

It will run on web browser. Online portal where patient's can access their report from anywhere anytime.

2.9 Tools & Technology Used

Frontend: HTML, CSS, JS, Bootstrap.

Backend: PHP & MySQL with Apache Server.

3. Requirement Analysis

3.1 Feasibility Study

❖ Operational Feasibility

It defines how well a solution works for the problem and how the system is usable for the end-users. As far our study is concerned the end-users are comfortable and happy as the system has cut down their loads and doing.

❖ Technical Feasibility

This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system, as described in the System Requirement Specification (SRS), and checked if everything was possible using different type of frontend and backend platforms.

❖ Economic Feasibility

This is a very important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor.

❖ Implementation Feasibility

Implementation Feasibility deals with the study of whether the service is environment available with all association members and will be managed according to the system or not.

3.2 Users of the System

There will be Five types of Members (Admin, Helper, Doctor, Laboratory, Patient).

- **Patient**

- Log in/Log out/Update-Password
- Register and log in with their credentials.
- Find Laboratory/Doctor by Pin code
- View his/her Clinical Reports.
- View Clinical Health Analysis.
- Generate Query for help/issue.
- Apply to get role as laboratory/doctor

- **Admin**

- Log in/ Logout.
- Manage Users/Doctors/Laboratory
- Manage View Reports
- Manage Queries
- Manage Templates, Groups and Units

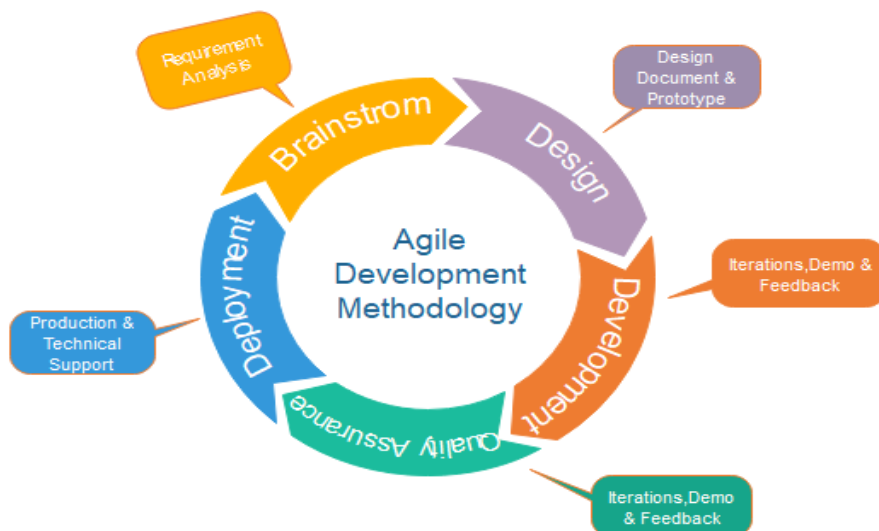
- **Helper**
Manage Users/Doctors/Laboratory
Manage Queries
- **Doctor**
View Reports
Generate Report Query
- **Laboratory**
Fill and Manage Reports

3.3 Modules

Login/Register
Templates/Groups/Units
Doctors
Laboratories
Reports
Contact Form
Queries

3.4 Process Model

The Software process model chosen for the project is the “Agile Model”.



3.5 Hardware & Software Requirements

❖ Server-Side Requirements

➤ Hardware

RAM	8 GB
SSD	Needed

➤ Software

Operating System	Windows 10
Database	MySQL
Backend	PHP
Frontend	HTML, CSS, JS & BS\$
Tool	Visual Studio Code

❖ Client-Side Requirements

➤ Hardware

RAM	4 GB
SSD	Smart Device

➤ Software

Operating System	Any OS
Application Software	Any Web Browser
System Connected	Internet

3.6 Use Cases

1. Actor: User

- Actions
 1. Signup
 2. Login
 3. Switch Role
 4. View Health
 5. View Report
 6. Edit Profile
 7. Submit Contact Form

2. Actor: Admin

- Actions
 1. View Report
 2. Add Patient
 3. Manage Users
 4. Manage Laboratory

5. Manage Doctors
6. Manage Reports
7. Manage Queries
8. Manage Contact form Submissions

3. Actor: Helper

- Actions
 1. View Report
 2. Add Patient
 3. Manage Users
 4. Manage Laboratory
 5. Manage Doctors
 6. Manage Reports
 7. Manage Queries

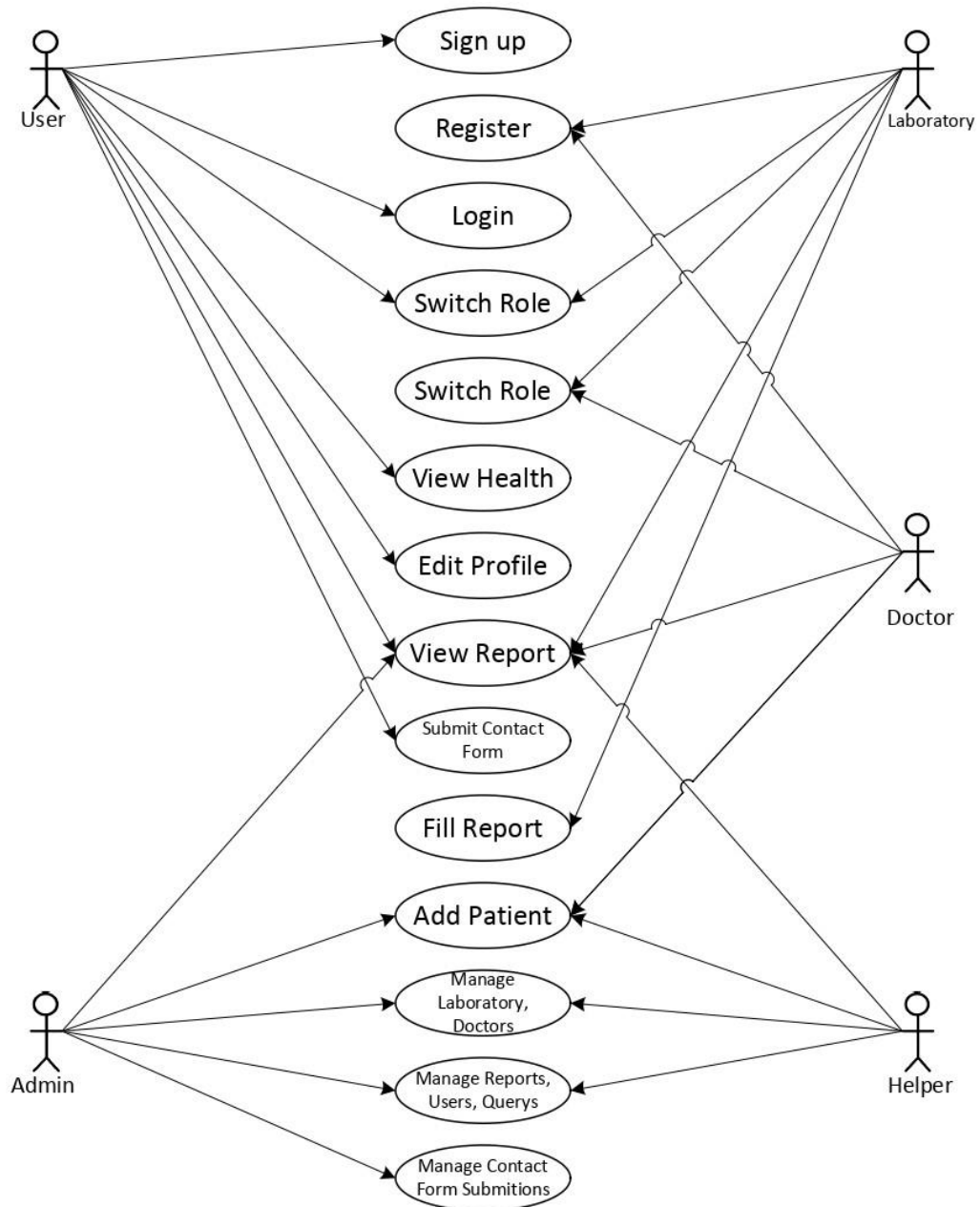
4. Actor: Doctor

- Actions
 1. Register
 2. Add Patient
 3. Create Report
 4. View Report

5. Actor: Laboratory

- Actions
 1. Register
 2. Add Patient
 3. Create Report
 4. View Report
 5. Fill Report

3.7 Use Cases Diagram



4. Design

4.1 Use Case Scenarios

1. User Sign up.

Use Case ID	UC001
Primary Actor	User
Precondition	Email must be not Resisted in our System.
Basic Flows of Events.	User Fill the signup form and click on signup button.
Alternative Way	There is no alternative way.

2. User Sign in

Use Case ID	UC002
Primary Actor	User
Precondition	Username and password should be match with database.
Basic Flows of Events.	User Fill the sign in form and click on signup button.
Alternative Way	There is no alternative way.

3. View Report

Use Case ID	UC003
Primary Actor	User, Doctor, Laboratory, Admin, Helper
Precondition	Report ID need to exist and the user role must be authorized to view that report
Basic Flows of Events.	User go to report page and click on view report page.
Alternative Way	Link Received via mail to the user's email address.

4. Register for Doctor

Use Case ID	UC004
Primary Actor	User
Precondition	No Precondition for this.

Basic Flows of Events.	User fills Doctor Registration form and click on register.
Alternative Way	There is no alternative way.

5. Register for Laboratory

Use Case ID	UC005
Primary Actor	User
Precondition	No Precondition for this.
Basic Flows of Events.	User fills Laboratory Registration form and click on register.
Alternative Way	There is no alternative way.

6. Add Patient

Use Case ID	UC006
Primary Actor	Admin, Helper, Doctor, Laboratory
Precondition	Email must be not Resisted in our System.
Basic Flows of Events.	User Fill the Add patient form and click on add button.
Alternative Way	There is no alternative way.

7. Create Report

Use Case ID	UC007
Primary Actor	Doctor, Laboratory
Precondition	User ID, and DOB must be present in database
Basic Flows of Events.	User Fill the Create Report form and click on Create.
Alternative Way	There is no alternative way.

8. Fill Report

Use Case ID	UC008
Primary Actor	Laboratory
Precondition	Need to Present in Fill Report Section.
Basic Flows of Events.	Laboratory Technician will Click on Fill Report Button and Fill the Report.
Alternative Way	There is no alternative way.

9. Manage Queries

Use Case ID	UC009
Primary Actor	Admin, Helper
Precondition	No Precondition for this.
Basic Flows of Events.	Go to Queries Section and Manage
Alternative Way	There is no alternative way.

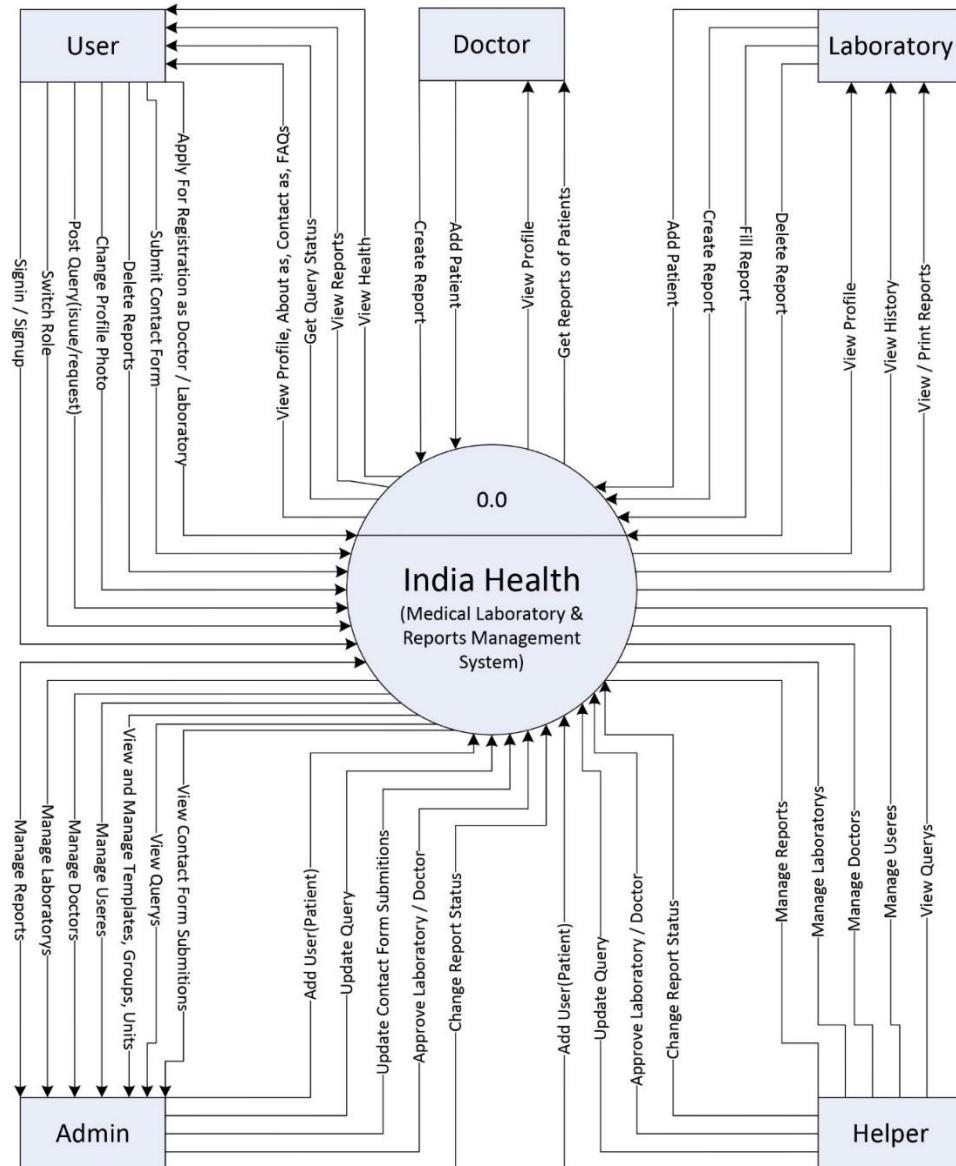
10. Manage Contact Form

Use Case ID	UC001
Primary Actor	Admin
Precondition	No Precondition for this.
Basic Flows of Events.	Go to Contact form section and manage.
Alternative Way	There is no alternative way.

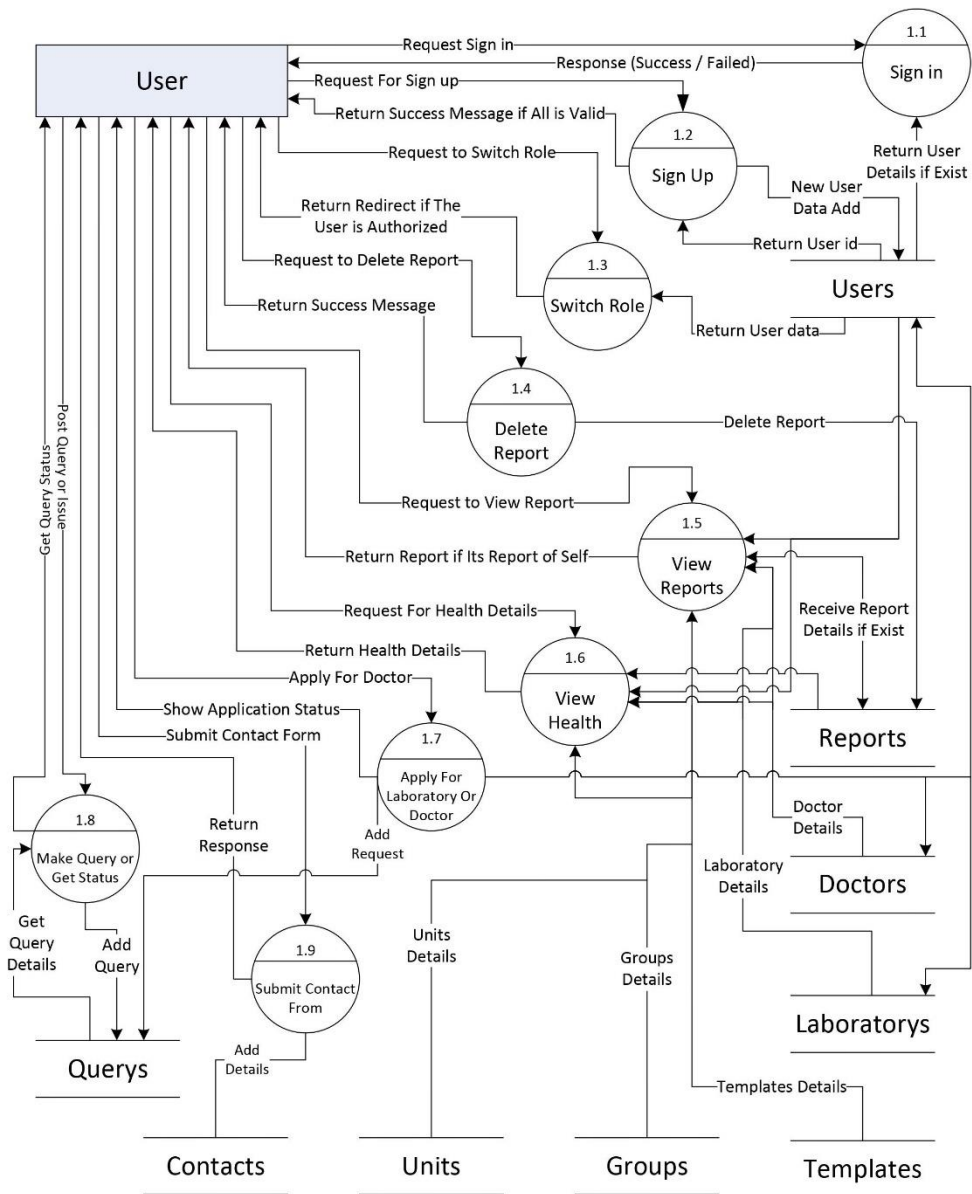
4.2 Diagrams

4.2.1 DFD

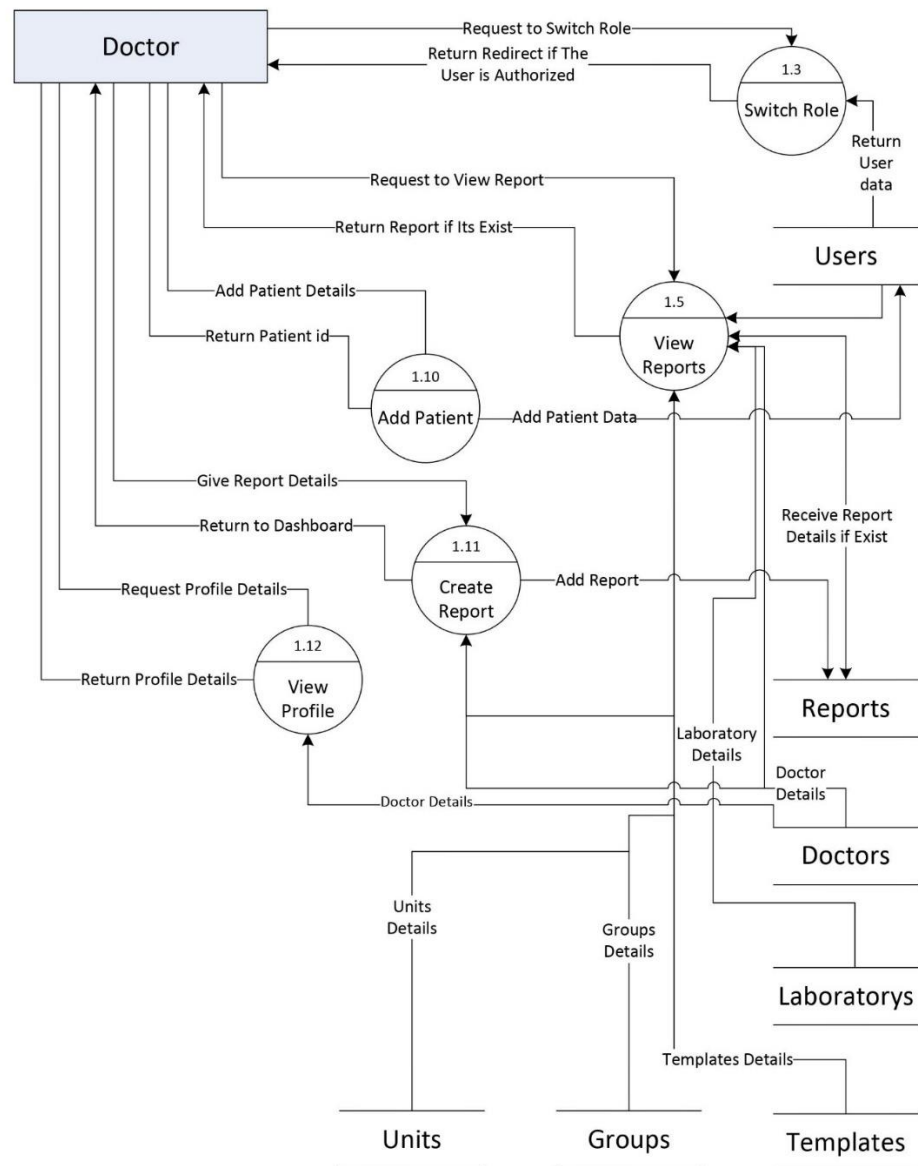
1. Context Level (0 Level)



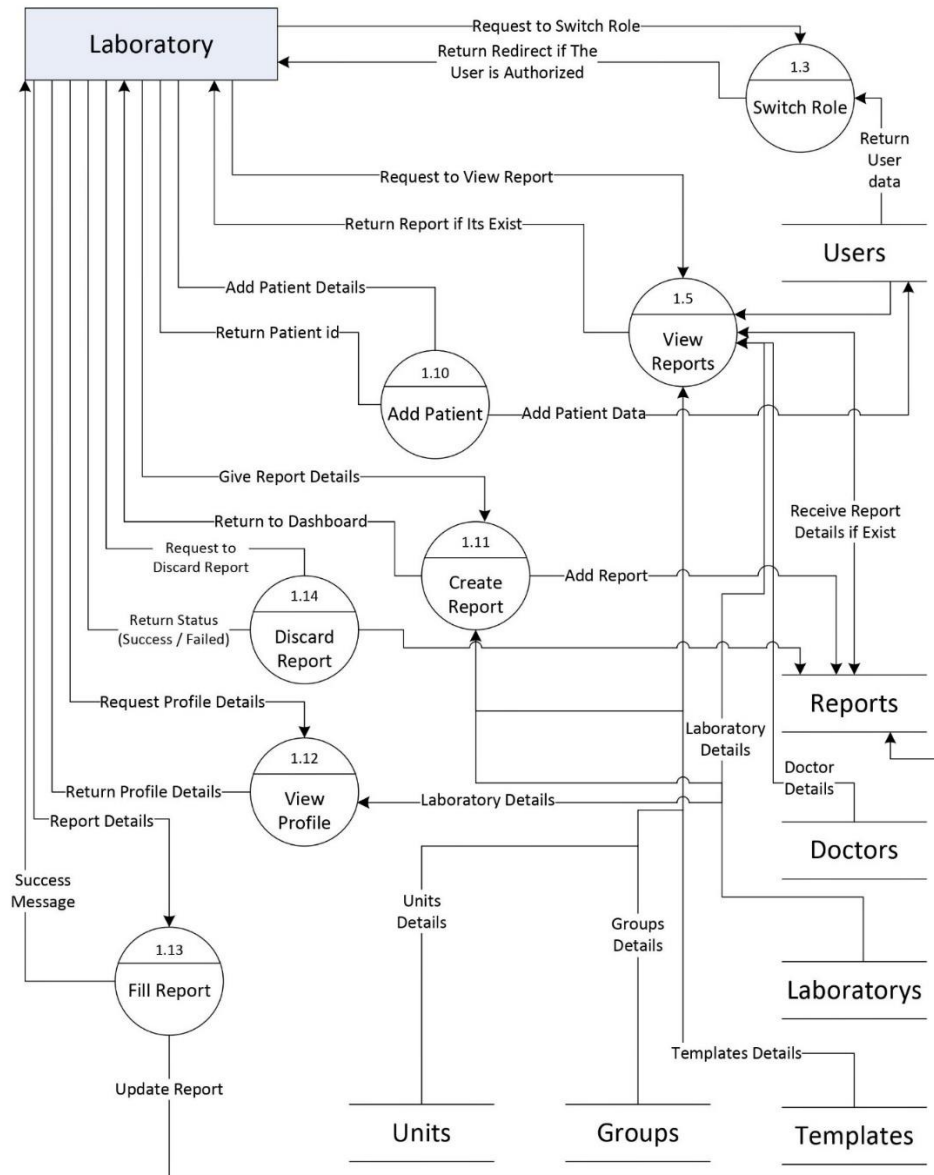
2. 1st Level User



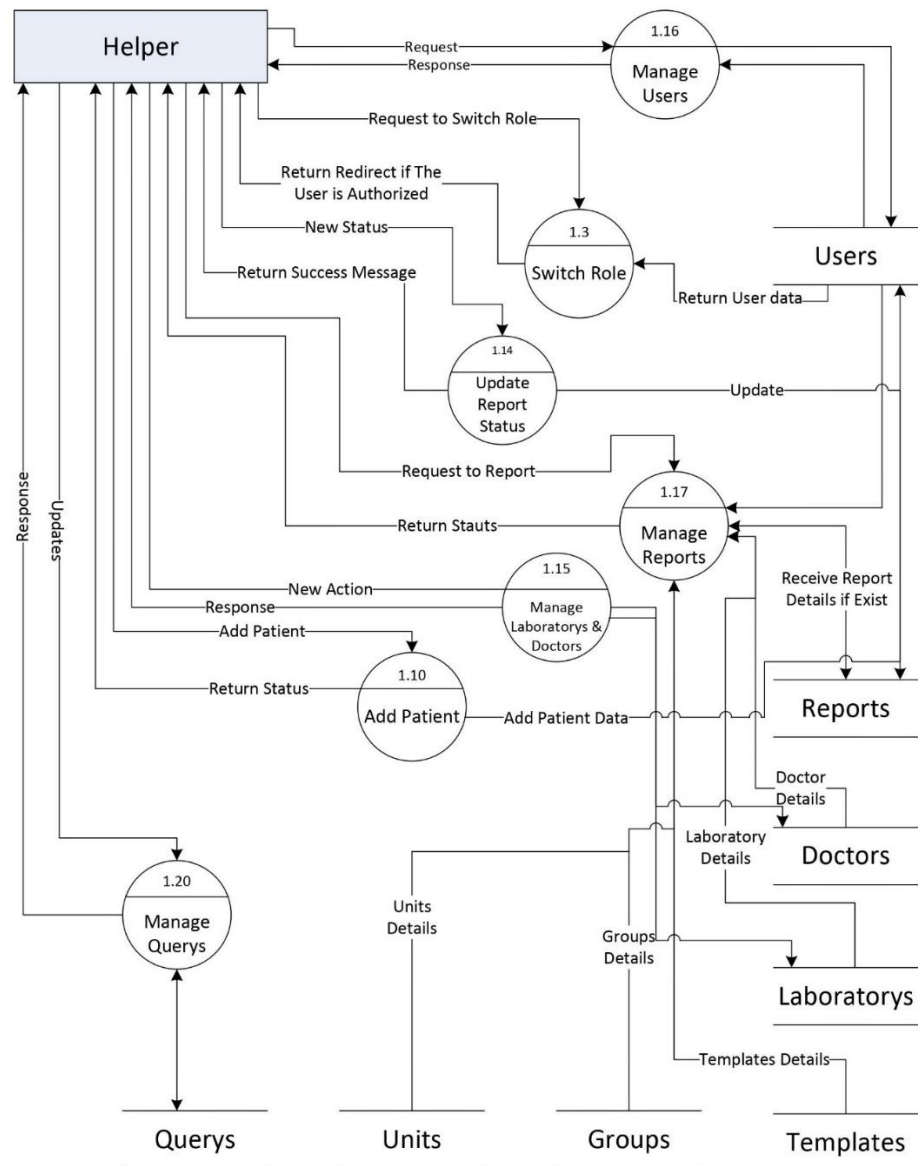
3. 1st Level Doctor



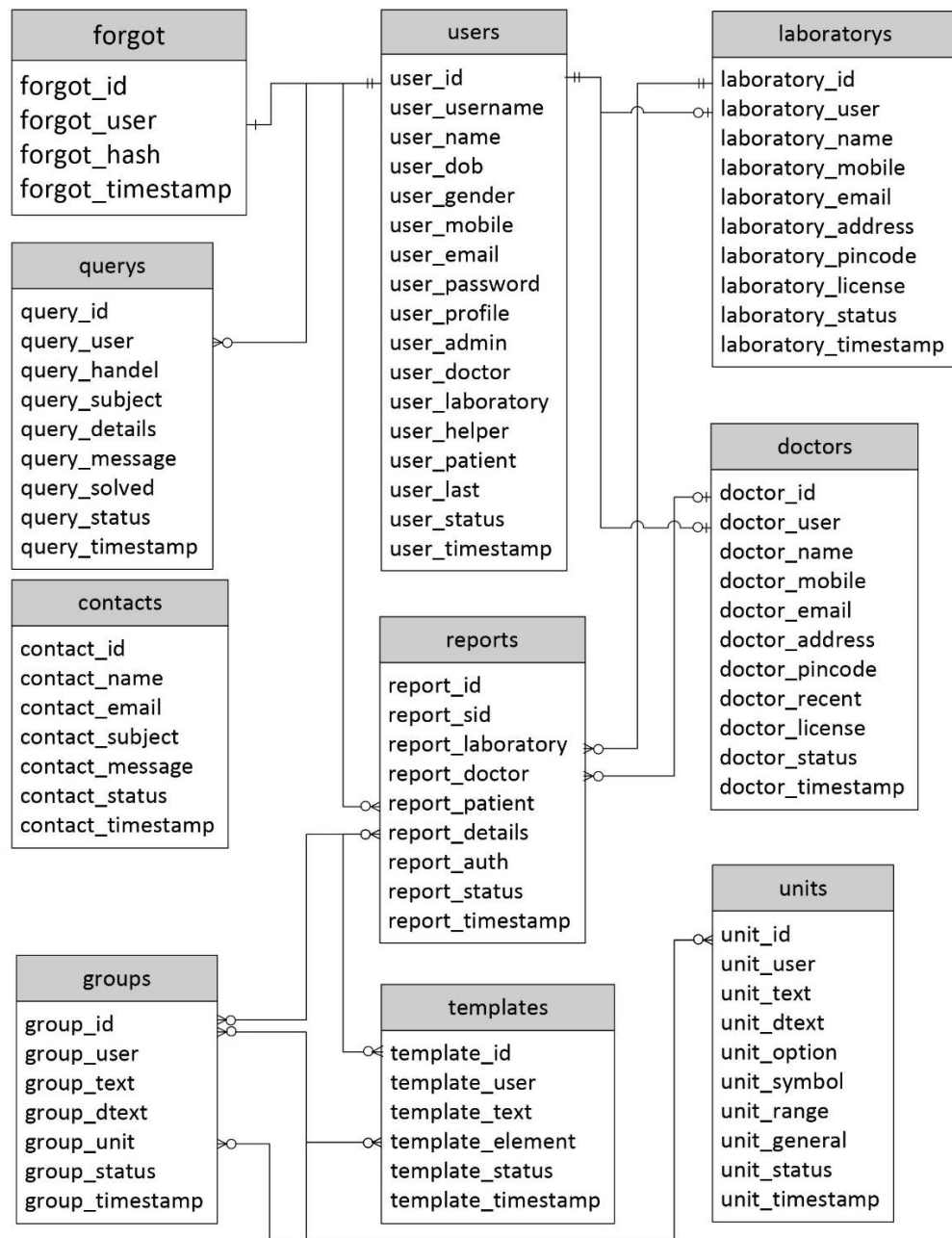
4. 1st Level Laboratory



5. 1st Level Helper



4.2.2 Entity Relationship Diagram



4.3 Data Dictionary

4.3.1 Users – Store User Information

Field	Type	Default	Attributes
user_id	int(11)	<i>None</i>	AUTO_INCREMENT
user_username	varchar(100)	<i>None</i>	
user_name	varchar(1000)	<i>None</i>	
user_dob	date	<i>None</i>	
user_gender	varchar(10)	<i>None</i>	
user_mobile	varchar(10)	<i>None</i>	
user_email	varchar(100)	<i>None</i>	
user_password	varchar(200)	<i>None</i>	
user_profile	varchar(200)	<i>None</i>	
user_admin	int(11)	0	
user_doctor	int(11)	0	
user_laboratory	int(11)	0	
user_helper	int(11)	0	
user_patient	int(11)	1	
user_last	varchar(30)		
user_status	int(11)	1	
user_timestamp	timestamp	current_timestamp()	

4.3.2 Forgots – Password Forgot Request

Field	Type	Default	Attributes
forgot_id	int(11)	<i>None</i>	AUTO_INCREMENT
forgot_user	int(11)	<i>None</i>	
forgot_hash	varchar(500)	<i>None</i>	
forgot_timestamp	timestamp	current_timestamp()	

4.3.3 Doctors – Store Doctors Information

Field	Type	Default	Attributes
doctor_id	int(11)	<i>None</i>	AUTO_INCREMENT
doctor_user	int(11)	<i>None</i>	
doctor_name	varchar(100)	<i>None</i>	
doctor_mobile	varchar(10)	<i>None</i>	
doctor_email	varchar(200)	<i>None</i>	
doctor_address	varchar(500)	<i>None</i>	
doctor_pincode	int(11)	<i>None</i>	
doctor_recent	varchar(200)	<i>[]</i>	
doctor_license	int(11)	<i>0</i>	
doctor_status	int(11)	<i>0</i>	
doctor_timestamp	timestamp	current_timestamp()	

4.3.4 Laboratorys – Store Laboratorys Information

Field	Type	Default	Attributes
laboratory_id	int(11)	<i>None</i>	AUTO_INCREMENT
laboratory_user	int(11)	<i>None</i>	
laboratory_name	varchar(100)	<i>None</i>	
laboratory_mobile	varchar(10)	<i>None</i>	
laboratory_email	varchar(200)	<i>None</i>	
laboratory_address	varchar(500)	<i>None</i>	
laboratory_pincode	int(11)	<i>None</i>	
laboratory_license	int(11)	<i>0</i>	
laboratory_status	int(11)	<i>0</i>	
laboratory_timestamp	timestamp	current_timestamp()	

4.3.5 Querys – Store Patient Querys and Issues

Field	Type	Default	Attributes
query_id	int(11)	<i>None</i>	AUTO_INCREMENT
query_user	int(11)	<i>None</i>	
query_handel	int(11)	<i>None</i>	
query_subject	varchar(300)	<i>None</i>	
query_details	varchar(1000)	<i>None</i>	
query_message	varchar(500)	<i>None</i>	
query_solved	int(11)	<i>None</i>	
query_status	int(11)	<i>None</i>	
query_timestamp	timestamp	current_timestamp()	

4.3.6 Template – Store Report Template

Field	Type	Default	Attributes
template_id	int(11)	<i>None</i>	AUTO_INCREMENT
template_user	int(11)	<i>None</i>	
template_text	varchar(200)	<i>None</i>	
template_element	varchar(5000)	<i>None</i>	
template_status	int(1)	<i>1</i>	
template_timestamp	timestamp	current_timestamp()	

4.3.7 Groups – Store Report Groups

Field	Type	Default	Attributes
group_id	int(11)	<i>None</i>	AUTO_INCREMENT
group_user	int(11)	<i>None</i>	
group_text	varchar(200)	<i>None</i>	
group_dtext	varchar(200)	<i>None</i>	
group_unit	varchar(1000)	<i>None</i>	
group_status	int(11)	<i>1</i>	
group_timestamp	timestamp	current_timestamp()	

4.3.8 Units – is's a Small Element of any report

Field	Type	Default	Attributes
unit_id	int(11)	<i>None</i>	AUTO_INCREMENT
unit_user	int(11)	<i>1</i>	
unit_text	varchar(100)	<i>None</i>	
unit_dtext	varchar(100)	<i>None</i>	
unit_option	varchar(500)	<i>None</i>	
unit_symbol	varchar(25)	<i>None</i>	
unit_range	varchar(400)	<i>None</i>	
unit_general	int(11)	<i>0</i>	
unit_status	int(11)	<i>None</i>	
unit_timestamp	timestamp	current_timestamp()	

4.3.9 Reports – Store All Medical Reports

Field	Type	Default	Attributes
report_id	int(11)	<i>None</i>	AUTO_INCREMENT
report_sid	varchar(20)	<i>None</i>	
report_laboratory	int(11)	<i>NULL</i>	
report_doctor	int(11)	<i>NULL</i>	
report_patient	int(11)	<i>None</i>	
report_details	mediumtext	<i>None</i>	
report_auth	varchar(1000)	<i>None</i>	
report_status	int(11)	<i>1</i>	
report_timestamp	timestamp	current_timestamp()	

4.3.10 Contact – Store All Contact Form Submissions

Field	Type	Default	Attributes
contact_id	int(11)	<i>None</i>	AUTO_INCREMENT
contact_name	varchar(100)	<i>None</i>	
contact_email	varchar(100)	<i>None</i>	
contact_subject	varchar(100)	<i>None</i>	
contact_message	varchar(500)	<i>None</i>	
contact_status	int(11)	<i>None</i>	
contact_timestamp	timestamp	current_timestamp()	

5. Implementation

5.1 Form Layouts

1. Home

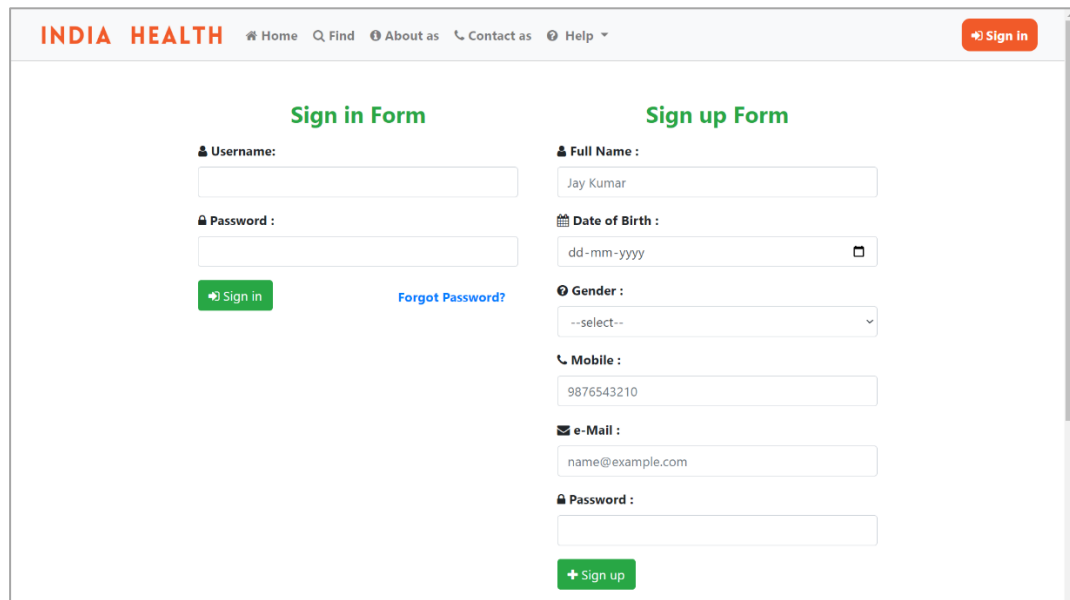
This is Home Page



The screenshot shows the home page of the India Health website. The header includes the logo "INDIA HEALTH" and navigation links: Home, Find, About as, Contact as, and Help. A "Sign in" link is in the top right. The main content area features a blue background with a woman in a white lab coat holding a clipboard. Text on the page reads: "Why India Health", "India Health is a Wildly Used Online Platform for Creating Medical Reports.", and a "Sign Up Now" button. Below this, a "Welcome to, India Health" message is displayed above three empty input fields.

2. Sign in & Signup

This is Sign in & Sign up page where user patient can sign in or sign up.



The screenshot shows the sign in and sign up page of the India Health website. The header is identical to the home page. The page is divided into two main sections: "Sign in Form" and "Sign up Form".

Sign in Form:

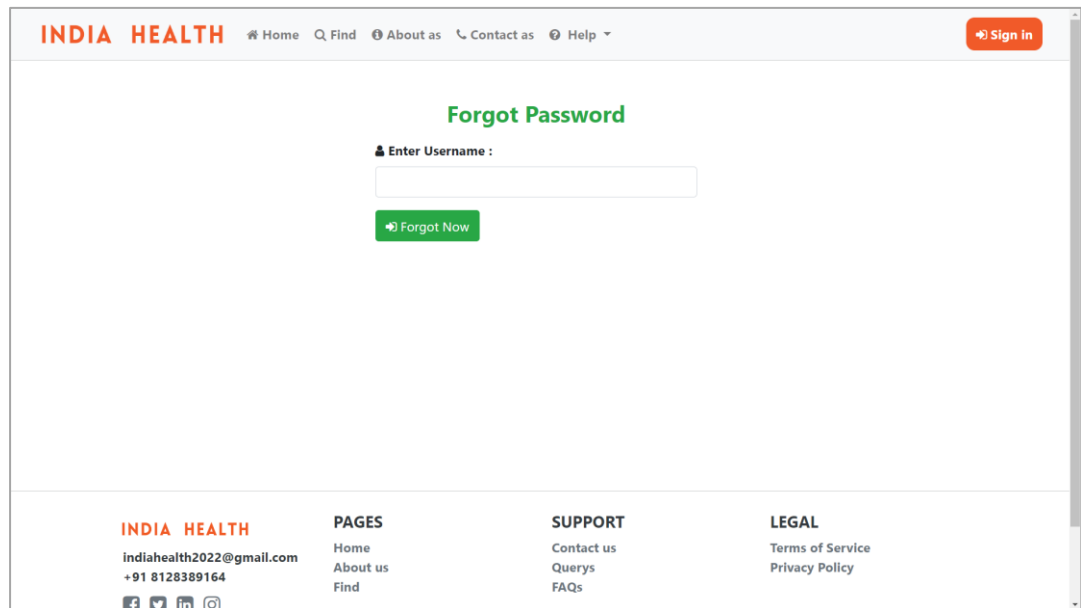
- Username:
- Password:
- Buttons: "Sign in" (green) and "Forgot Password?" (blue link)

Sign up Form:

- Full Name:
- Date of Birth:
- Gender:
- Mobile:
- e-Mail:
- Password:
- Button: "+ Sign up" (green)

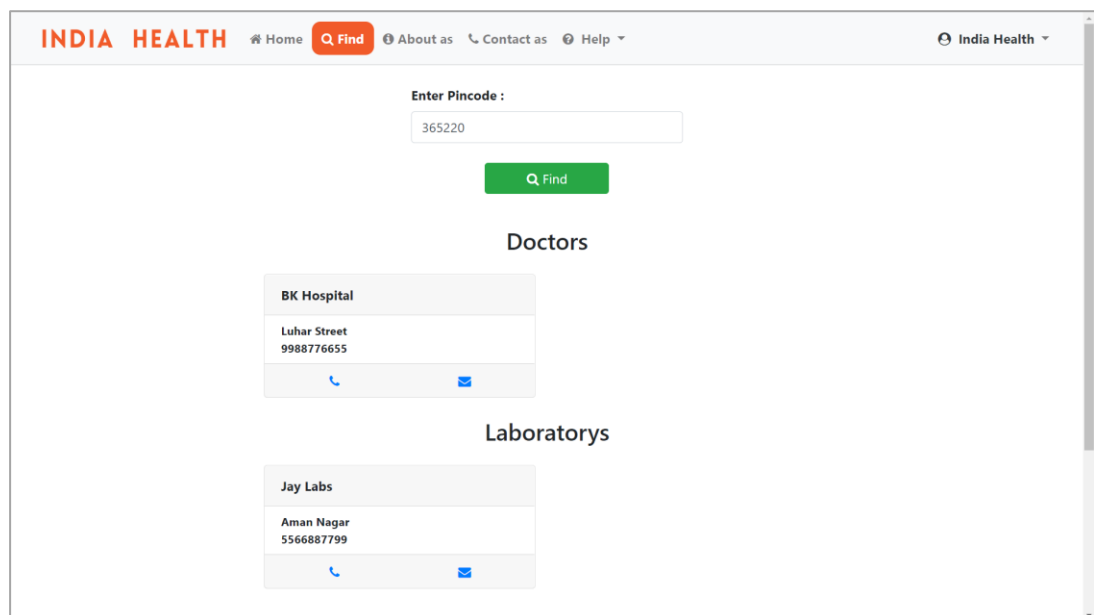
3. Forgot Password

If user loss their password then they can forgot it from this page



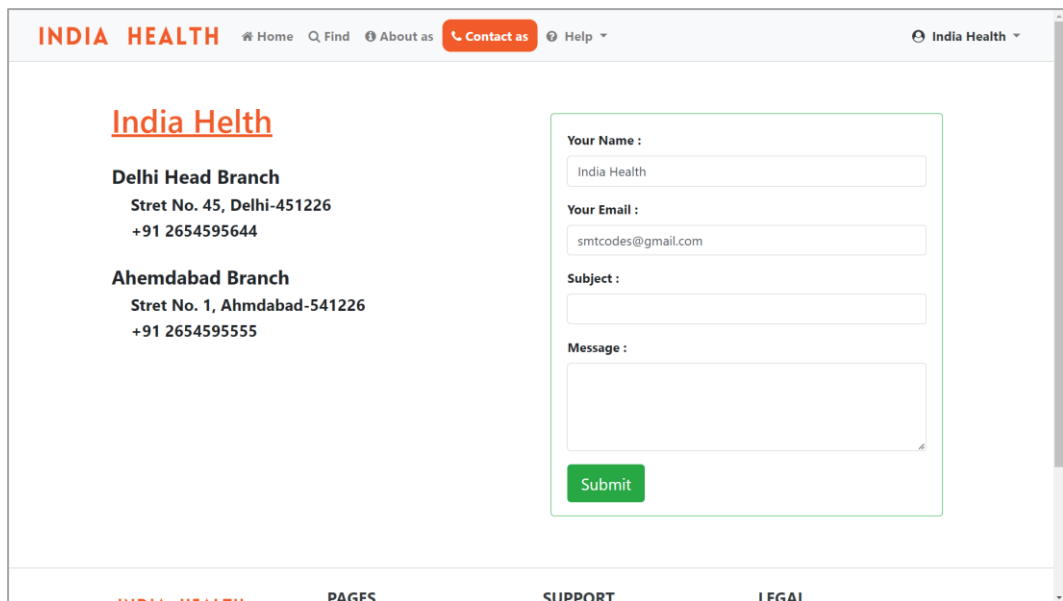
4. Find

User can find near Doctors and Hospital by Entering Pincode



5. Contact

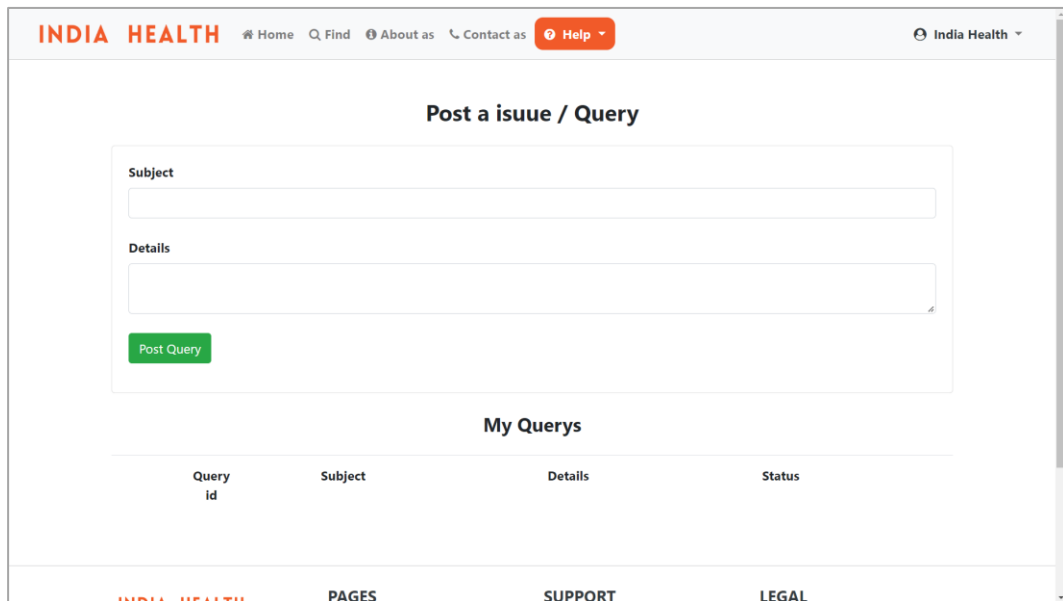
User can fill this form to contact the administration.



The screenshot shows the 'Contact' page of the India Health system. The header includes the 'INDIA HEALTH' logo and navigation links: Home, Find, About us, Contact us (highlighted), and Help. The main content area is titled 'India Helth' and provides contact information for two branches: Delhi Head Branch (Stret No. 45, Delhi-451226, +91 2654595644) and Ahemdabad Branch (Stret No. 1, Ahmdabad-541226, +91 2654595555). To the right is a contact form with fields for 'Your Name' (filled with 'India Health'), 'Your Email' (filled with 'smtcodes@gmail.com'), 'Subject', and 'Message'. A green 'Submit' button is at the bottom of the form. The footer contains links for PAGES, SUPPORT, and LEGAL.

6. Query

On this page user can create a query and the administration will solve this query.



The screenshot shows the 'Query' page of the India Health system. The header is identical to the Contact page, with 'Contact us' and 'Help' highlighted. The main content area is titled 'Post a issue / Query' and contains a form with 'Subject' and 'Details' fields, and a green 'Post Query' button. Below the form is a section titled 'My Querys' which contains a table with the following structure:

Query id	Subject	Details	Status

The footer contains links for PAGES, SUPPORT, and LEGAL.

7. Unit Add

Admin can add new Unit.

India Health Admin

+ Add Unit

Unit Name : Unit Display Text : % Unit Symbol :

Unit Options : Delete ↔ Numeric Range : ☐

Add Option

Unit is General : ☐ Unit Status : ☒

+ Add Unit Reset

Show entries Search:

Id	Text	Symbol	Options	Range	General	Status	Actions
1	Hemoglobin (Hb)	gm%	-	Male: 14 - 17 gm% Female: 12 - 16 gm%	-	Active	Edit Deactive
2	White Blood Cells (WBC)	/cm	-	4000 - 10000 /cm	-	Active	Edit Deactive

8. Group Add

India Health Admin

Add Group

Group Name: Group Display Text:

Group Status: ☒

Unit Text	Symbol	Range	Action
Units List			

+ Add Group Reset

Show entries Search:

Id	Text	Units	Status	Actions
1	General Blood Test	Hemoglobin (Hb) White Blood Cells (WBC) Red Blood Cells (RBC) Platelet Count	Active	Edit Deactive
2	Differential Leukocyte Count	Neutrophils	Active	Edit Deactive

9. Template Add

India Health Admin

+ Add Template

Template Name : Template Staus : ☒

Group / Unit Text	Symbol	Range	Action
G - Diffrenntial Leukocyte Count			
U - Clotting Time	min	4 - 10 min	
U - Packed Cell Volume (PCV)	%	Male: 41 - 50 % Female: 35 - 44 %	

[Groups List](#) [Units List](#)

[+ Add Template](#) [Reset](#)

Show entries Search:

10. Patient Add

India Health Laboratory

Add Patient

Full Name :

Date of Birth :

Gender :

Mobile :

e-Mail :

[+ Add Patient](#)

11. Report Create

India Health Laboratory

Jay Labs

Dashboard
Profile
History
Create Report
Fill Report
Add Patient

Patient

Patient ID Number:

Patient Date of Birth:

Fetch Patient Data

Add to List

Add and Fill

12. Fill Report

India Health Laboratory

Jay Labs

Dashboard
Profile
History
Create Report
Fill Report
Add Patient

Patient id : aaaaee
Age/Gender : 21 / M
Report Date : 09-09-2022 04:12 AM

Patient Name : Jay
Report id : aaaaaac

General Blood Test

Parameter	Option	Result	Unit	Normal Range
Hemoglobin (Hb)	--select--	Result	gm%	Male: 14 - 17 gm% Female: 12 - 16 gm%
White Blood Cells (WBC)	--select--	Result	/cm	4000 - 10000 /cm
Red Blood Cells (RBC)	--select--	Result	m/cu.mm	Male: 4 - 5 m/cu.mm Female: 4 - 6 m/cu.mm
Platelet Count	--select--	Result	lacs/cu.mm	1.5 - 4.5 lacs/cu.mm

Save as Draft

Post Report

Post & Print

5.2 Report Layouts

1. My Reports

INDIA HEALTH Home Find About as Contact as Help

India Health

Recent Reports

Id : aaaaaab 29-07-2022
Lab : Jay Labs 01:01 PM

[View](#) [Delete](#)

Show 10 entries Search:

Report id	Laboratory	Date	Name	View
aaaaaab	Jay Labs	29-07-2022	India Health	View Delete

Showing 1 to 1 of 1 entries Previous 1 Next

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2. My Health

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India Health

My Health

Hemoglobin (Hb)

Min - 14.50 Avg. 14.5
Max - 14.50

Last Update - 29-07-2022

Erythrocyte Sedimentation Rate

Min - 8 Avg. 8
Max - 8

Last Update - 29-07-2022

Bleeding Time

Min - 3 Avg. 3
Max - 3

Last Update - 29-07-2022

Clotting Time

Min - 5 Avg. 5
Max - 5

Last Update - 29-07-2022

Packed Cell Volume (PCV)

Min - 45 Avg. 45
Max - 45

Last Update - 29-07-2022

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3. Reports

India Health Admin							India Health
Dashboard	Reports	Users	Doctors	Laboratorys	Templates	Groups	Units
Querys	Contacts						
Show 10 entries							Search:
id	Date	Pid	Name	Status	Action	Alter	
1	29-07-2022	aaaab	India Health	Posted	View Print	Edit Discard	
2	09-09-2022	aaaae	Jay	Pending	View Print	Edit Discard	
Showing 1 to 2 of 2 entries							Previous 1 Next

4. Users

India Health Admin							India Health
Dashboard	Reports	Users	Doctors	Laboratorys	Templates	Groups	Units
Querys	Contacts						
Show 10 entries							Search:
id	Username	Name	DOB	Contact	Rights	Edit	
1	aaaab	India Health	2001-01-01	1122334455 smtcodes@gmail.com	Admin Patient	View Edit Deactive	
2	aaaac	Jishan	2001-01-01	1122334455 jishan@gmail.com	Patient	View Edit Deactive	
3	aaaad	Bhumir	2001-01-01	9988776655 bhumir@gmail.com	Doctor Patient	View Edit Deactive	
4	aaaae	Jay	2001-01-01	5566887799 jay@gmail.com	Laboratory Patient	View Edit Deactive	
Showing 1 to 4 of 4 entries							Previous 1 Next

5. Doctors

India Health Admin

India Health

- Dashboard
- Reports
- Users
- Doctors
- Laboratories
- Templates
- Groups
- Units
- Querys
- Contacts

Show 10 entries
Search:

id	Name	Contact	Action
1	BK Hospital aaaad - Bhumir	9988776655 bhumir@gmail.com	View Edit Deactive

Showing 1 to 1 of 1 entries

Previous 1 Next

6. Laboratory

India Health Admin

India Health

- Dashboard
- Reports
- Users
- Doctors
- Laboratories
- Templates
- Groups
- Units
- Querys
- Contacts

Show 10 entries
Search:

id	Name	Contact	Action
1	Jay Labs aaaae - Jay	5566887799 jay@gmail.com	View Edit Deactive

Showing 1 to 1 of 1 entries

Previous 1 Next

6. Testing

6.1 Test Strategy

- In our scenario testing is going to be done at individual module level and final at system level. Each module is going to be done testing individually and it is supposed to output the expected result
- Our main focus was on individual module testing, integration testing and system testing.
- As we have hosted this site so black box testing also conducted in order to test end user's functionality.

6.2 Test Cases

1. User Sign up

Test Case ID	TC001
Test Case Summary	User Signup.
Prerequisites	No Prerequisites
Test Data	Full Name: Smit Bosamiya Date of Birth: 01-01-2001 Gender: Male Mobile: 4466998877 e-Mail: smit@gmail.com password: smitsmit
Expected Result	Sign up Successfully
Actual Result	Sign up Successfully
Created By	Smit Bosamiya
Date of Creation	01-09-2022
Executed By	Smit Bosamiya
Date of Execution	01-09-2022
Test Environment	OS: Windows 10, Browser: Chrome
Status	Pass

2. User Sign in

Test Case ID	TC002
Test Case Summary	User Sign in.
Prerequisites	No Prerequisites
Test Data	Username: aaaad password: smitsmit
Expected Result	Sign in Successfully
Actual Result	Sign in Successfully
Created By	Smit Bosamiya
Date of Creation	01-09-2022
Executed By	Smit Bosamiya
Date of Execution	01-09-2022
Test Environment	OS: Windows 10, Browser: Chrome
Status	Pass

7. Future Enhancement

- In future we will add online payment option.
- Expand this Service to World Wide
- Generate More Reports like Health Analysis, Most Accruing Report Etc.

8. Bibliography

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