

A
Project Report
On

ONLINE HEALTHCARE WEB APPLICATION

Submitted to

RAJIV GANDHI UNIVERSITY OF KNOWLEDGE AND TECHNOLOGIES
RK VALLEY

in partial fulfilment of the requirement for the award of the Degree of

BACHELOR OF TECHNOLOGY

In

COMPUTER SCIENCE & ENGINEERING

Submitted by

BANDLA SNEHA (R180133)

BEDADALA JAYA SURYA NARAYANA REDDY (R180818)

Under the Guidance of

Mr. P.Santhosh Kumar, Assistant Professor



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

RAJIV GANDHI UNIVERSITY OF KNOWLEDGE
TECHNOLOGIES

(catering the Educational Needs of Gifted Rural Youth of AP)

R.K Valley, Vempalli(M), Kadapa(Dist) – 516330

2020 - 2024

RAJIV GANDHI UNIVERSITY OF KNOWELDEGE



TECHNOLOGIES

(A.P.Government Act 18 of 2008)

RGUKT -RK Valley

Vempalli, Kadapa , Andhra Pradesh -516330

CERTIFICATE OF PROJECT COMPLETION

This is to certify that I have Examined the this is entitled
“Online HealthCare Web Application” submitted by **Bandla
Sneha(R180133),Bedadala Jaya Surya Narayana Reddy
(R180818)** under our guidance and supervision for the
partial fulfilment for the degree of Bachelor of Technology in
Computer Science and Engineering during the academic
session February 2023- July 2023 at RGUKT-RKVALLEY.

Project Guide
Mr P.Santhosh Kumar
Asst.Prof. in Dept of CSE,
RGUKT-RK Valley.

Head of the Department
Mr. N.Satyanandaram,
Lecturer in Dept of CSE,
RGUKT-RK Valley.



RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES

(A.P.Government Act 18 of 2008)

RGUKT -RK Valley

Vempalli, Kadapa , Andhra Pradesh -516330

DECLARATION

We, by **Bandla Sneha(R180133),Bedadala Jaya Surya Narayana Reddy (R180818)** hereby declare that the project report entitled “Online HealthCare Web Application” done under guidance of **Mr. P.Santhosh kumar** is submitted in partial fulfilment for the degree of Bachelor of Technology in Computer Science and Engineering during the academic session February 2023 – July 2023 at RGUKT-RK Valley. I also declare that this project is a result of our own effort and has not been copied or imitated from any source. Citations from any websites are mentioned in the references. To the best of my knowledge, the results embodied in this dissertation work have not been submitted to any university or institute for the award of any degree or diploma.

Date:

Place:

Bandla Sneha -----R180133

Bedadala Jaya Surya Narayana Reddy ----R180818

ACKNOWLEDGEMENT

I would like to express my deep sense of gratitude & respect to all those people behind the screen who guided, inspired and helped me crown all my efforts with success. I wish to express my gratitude to **P.santhosh kumar** his valuable guidance at all stages of study, advice, constructive suggestions, supportive attitude and continuous encouragement, without which it would not be possible to complete this project.

I would also like to extend our deepest gratitude & reverence to the **Director of RGUKT, RK Valley Prof. K. Sandyarani and HOD of Computer Science and Engineering Mr. N. Satyanandaram** for their constant support and encouragement.

Last but not least I express my gratitude to my parents for their constant source of encouragement and inspiration for me to keep my morals high

Index

Chapter 1 : Introduction	Page
1.1. Abstract	7
1.2. Purpose	7
1.2.1.Features	8
1.3. Objectives	8
1.4. Problem Statement	9
1.5. Benfits of HMS	10
1.6. Scope	10
Chapter 2 : Background	
2.1. Introduction	11
2.1.1.Features	11
2.2. Overview	11
2.3 Project modules	12
2.3.1:Enter page.....	12
2.3.2.Login page.....	12
2.3.3.Home page.....	13
2.3.4.Registration.....	14
2.3.5.Diseases.....	14
2.3.5.1.Skin diseases.....	15
2.3.5.2.Diabetes.....	15

2.3.5.3.Common illness.....	16
-----------------------------	----

2.3.5.4.Cancer.....	16
---------------------	----

2.3.5.5.Heart diseases.....	17
-----------------------------	----

2.3.6.ThankingPage.....	17
-------------------------	----

Chapter 3: Requirement Specification

3.1.Requirement collection & Analysis	18
---	----

3.1.1.Software Configuration	18
------------------------------------	----

3.1.2.Hardware Configuration	18
------------------------------------	----

Chapter 4: System Architecture

4.1. Context Diagram	18
----------------------------	----

4.2. Usecase Diagram	19
----------------------------	----

4.3 Class Diagram	20
-------------------------	----

Chapter 5:Code Implementation Design

5.1.Enter page	21
----------------------	----

5.2.Login Page	21
----------------------	----

5.3.Home page	22
---------------------	----

5.4.Diseases page	22
-------------------------	----

5.5.Thanking page.....	23
------------------------	----

Chapter 6:Conclusion

6.1.Conclusion	24
----------------------	----

6.2.References	25
----------------------	----

Chapter 1

Introduction

1.1.Abstract

Diseases is an international, peer-reviewed, open access, multidisciplinary journal which focuses on the latest and outstanding research on diseases and conditions published quarterly online by MDPI. The first issue is released in 2013. A disease or a disorder is the result of an abnormal change or disturbance in the structure or function of an organ or organ systems. An illness is a more subjective state a person identifies themselves based on physical or mental symptoms. This website tells you about what are the diseases and what are the preventions for those diseases and what are the cure for those diseases.

1.2.Purpose

It is the national public health agency of the United States. It is a United States federal agency under the Department of Health and Human Services, and is headquartered in Atlanta, Georgia.

The agency's main goal is the protection of public health and safety through the control and prevention of disease, injury, and disability in the US and worldwide. The CDC focuses national attention on developing and applying disease control and prevention. It especially focuses its attention on infectious disease, food borne pathogens, environmental health, occupational safety and health, health promotion, injury prevention, and educational

activities designed to improve the health of United States citizens. The CDC also conducts research and provides information on non-infectious diseases, such as obesity and diabetes, and is a founding member of the International Association of National Public Health Institutes.

1.2.1. Features

Inside the application we are using

- Information about diseases like skin disease ,heart diseases...etc
- Prevention for those diseases...
- Medicines for those diseases... ☐ Buy medicines online.....
- Steps to be taken to cure those diseases....

.

1.3.Objective :

Main objectives of a [Hospital Management System](#) are:

Design a system for better patient care.

Knowing about all types of diseases...

Provide MIS ([Management Information System](#)) report on demand to management for better decision making.

Preventions of those diseases....

What are the medicines for those diseases..

1.4 : PROBLEM STATEMENT

A disease or a disorder is the result of an abnormal change or disturbance in the structure or function of an organ or organ systems. An illness is a more subjective state a person identifies themselves based on physical or mental symptoms. This website tells you about what are the diseases and what are the preventions for those diseases and what are the cure for those diseases.

It is the national public health agency of the United States. It is a United States federal agency under the Department of Health and Human Services, and is headquartered in Atlanta, Georgia.

The agency's main goal is the protection of public health and safety through the control and prevention of disease, injury, and disability in the US and worldwide. The CDC focuses national attention on developing and applying disease control and prevention. It especially focuses its attention on infectious disease, food borne pathogens, environmental health, occupational safety and health, health promotion, injury prevention, and educational activities designed to improve the health of United States citizens. The CDC also conducts research and provides information on non-infectious diseases, such as obesity and diabetes, and is a founding member of the International Association of National Public Health Institutes. Information about diseases like skin disease ,heart diseases...etc.Prevention for those diseases...Medicines for those diseases...Buy medicines online.....Steps to be taken to cure those diseases....

1.5.Benefits of Online HealthCare.

It may reduce healthcare costs and/or improve quality of life for individuals by preventing or minimizing the effects of disease, usually a chronic condition, through knowledge, skills, enabling a sense of control over life (despite symptoms of disease) and integrative care.

1.6.SCOPE

- Improve access to care.
- Improve patient self-management.
- Improve financial cost containment without sacrificing quality or patient satisfaction.
- Enhance efforts to provide health improvement programs on a population basis.

Chapter 2

Background

2.1. Introduction

A disease or a disorder is the result of an abnormal change or disturbance in the structure or function of an organ or organ systems. An illness is a more subjective state a person identifies themselves based on physical or mental symptoms. This website tells you about what are the diseases and what are the preventions for those diseases and what are the cure for those diseases. . It especially focuses its attention on infectious disease, food borne pathogens, environmental health, occupational safety and health, health promotion, injury prevention, and educational activities designed to improve the health of United States citizens.

2.1.1. Inside the application we are using

- Information about diseases like skin disease ,heart diseases...etc
- Prevention for those diseases...
- Medicines for those diseases... ☐ Buy medicines online.....

Steps to be taken to cure those diseases

2.2.OVERVIEW

Online Healthcare is a service provided to the users in which they are able to know to what are the diseases and what are the cure for those diseases and what are the medicines to be taken for those diseases

2.3. Project Modules

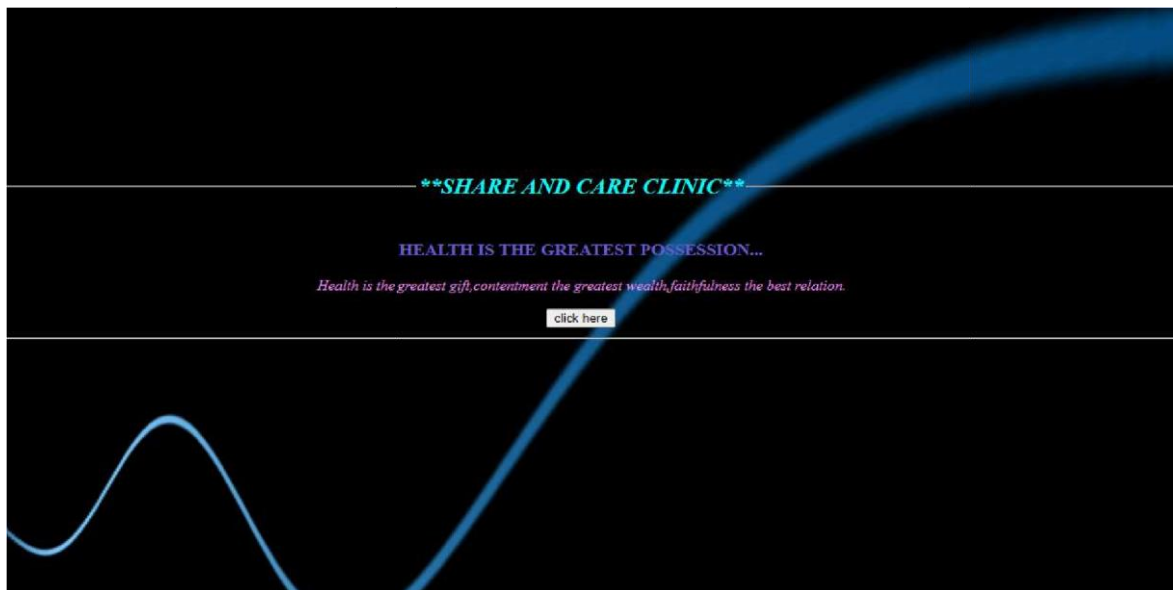
The entire project mainly consists of 5 modules, which are the diseases

- Enter page

- Login page
- Home page
- Registration page
- Diseases

2.3.1.Enter page

It tells about how to enter into our website.



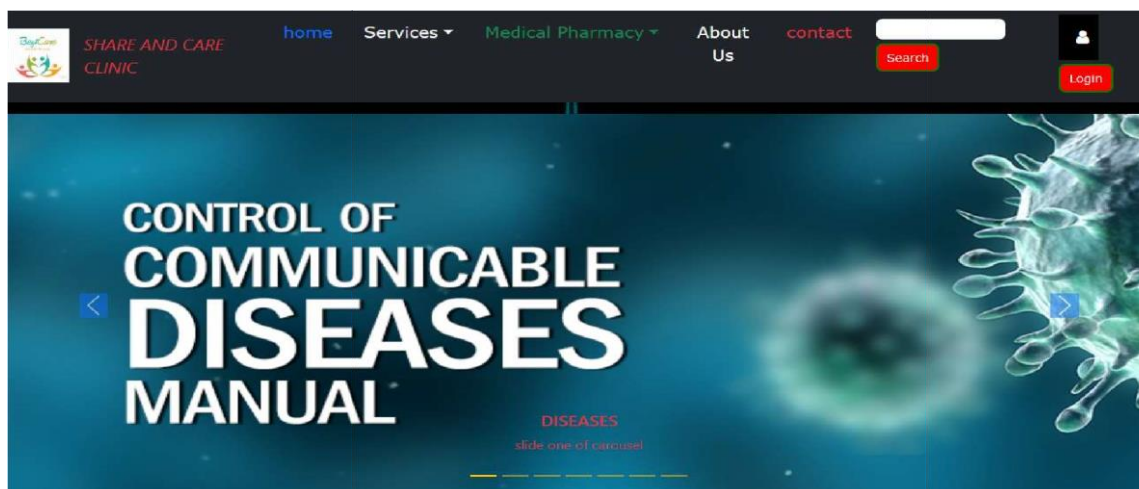
2.3.2.Login page

A Login page Specifies the login URL in a web application that users must pass through to get to the authenticated URLs at the heart of the application.



2.3.3.Home page

- A home page is the default or front page of a app.
- It is the first page that visitors see when they load the app.
- It displays all the resources available in the app.
- A home page contains connections to other pages of information



2.3.4.Registration page:

It enables users and organisations to independently register and gain access to your system.

A registration form is displayed on a dark background with a pattern of purple bokeh. The form is a white box with the following fields: Name, Phone No, Password, and Confirm Password. Each field has a small eye icon to toggle visibility. Below the password fields are two checkboxes labeled 'Show Password'. A yellow 'register' button is at the bottom of the form. Below the button is a link 'Have an account Login Here'. In the bottom right corner of the form area, there is a language selector showing 'English (India)' and a note 'To switch input methods, press Windows key + space.'

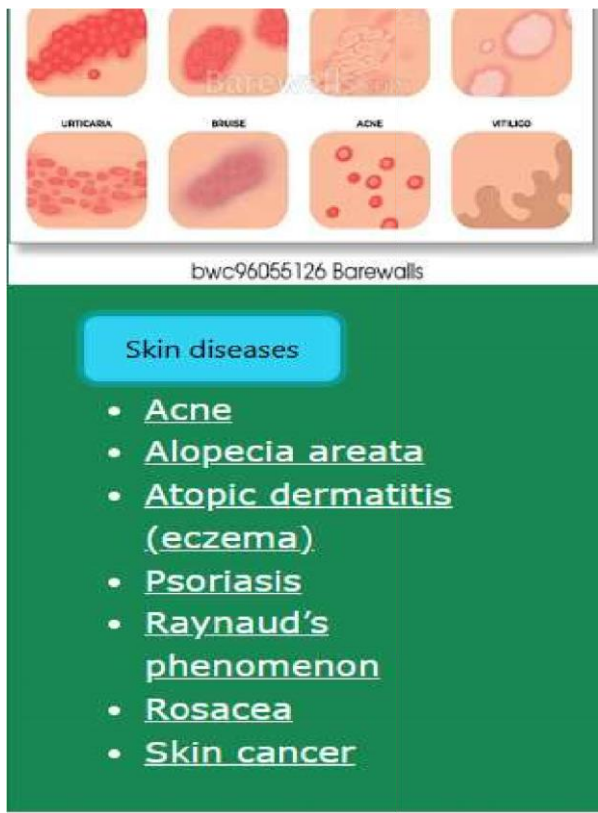
2.3.5.Diseases

It contains information about all types of diseases..It contains information about diseases like skin diseases,diabetes,common illness,Heart diseases,cancer..



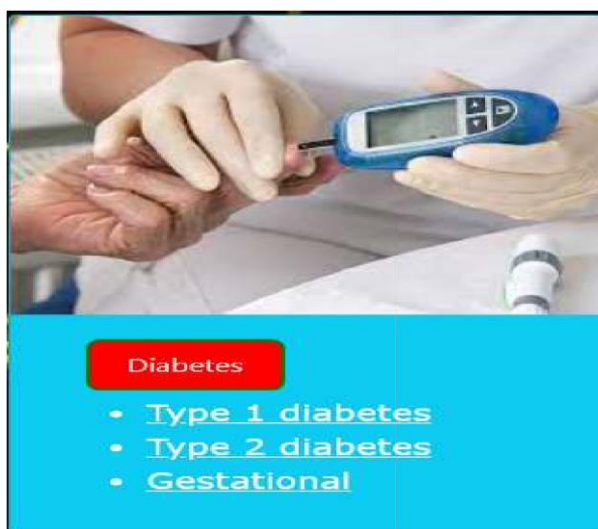
2.3.5.1.Skin Diseases

It contains all information related skin diseases..



2.3.5.2.Diabetes

It contains all information related Diabetes..



2.3.5.3.Common illness

It contains all information related common illness problems..



2.3.5.4.Cancer

It contains all information related cancer..



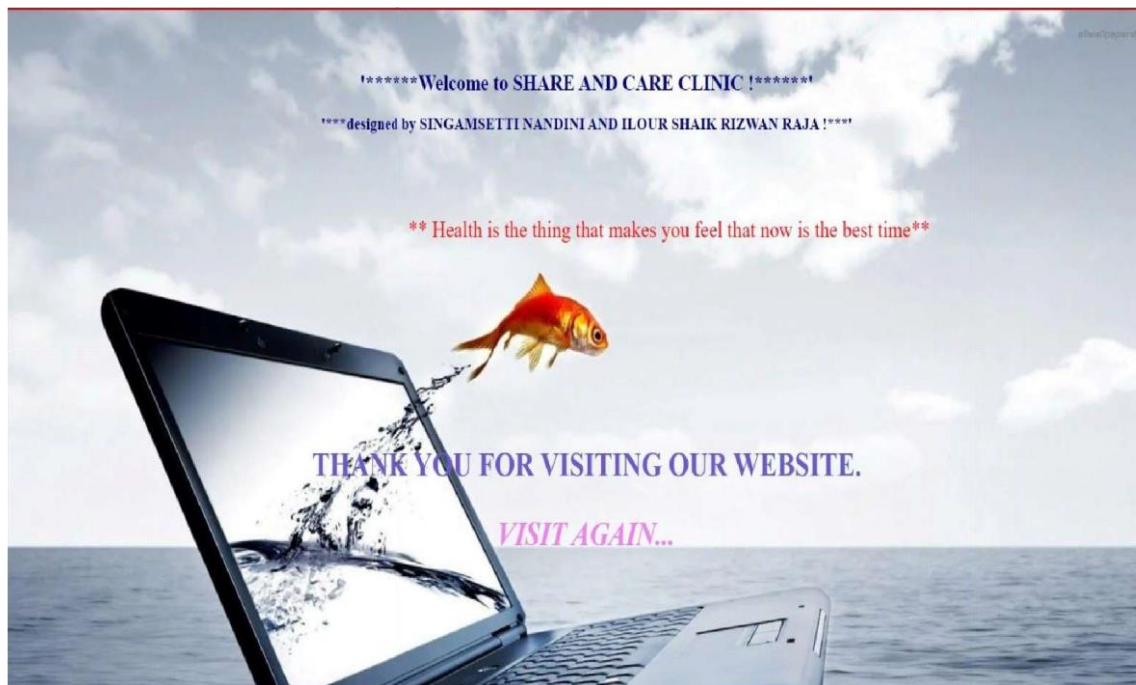
2.3.5.5.Heart Diseases

It contains all information related Heart diseases..



2.3.6.Thanking page

This page is designed to be visible to the user after visiting our website.



Chapter 3

Project Requirement Specification

□ 3.1.Requirement collection & Analysis

3.1.1.Software Configuration

Frontend : HTML,CSS,JQUERY,JAVASCRIPT.
Backend : PHP
Database : PhpMyAdmin,Xampp
Browser : Firefox,Chrome ,or any compatible.
OS : Windows

3.1.2.Hardware Configuration

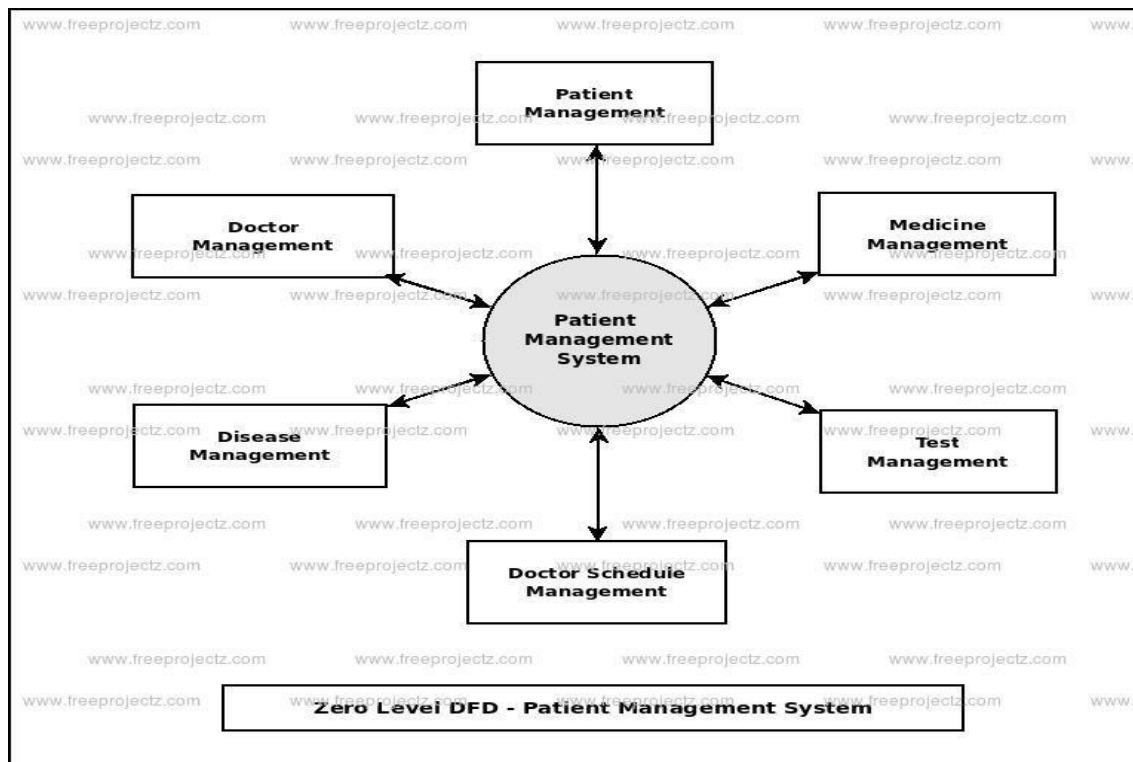
- Ram:1GB
- Rom:4GB

CHAPTER 4

SYSTEM ARCHITECTURE

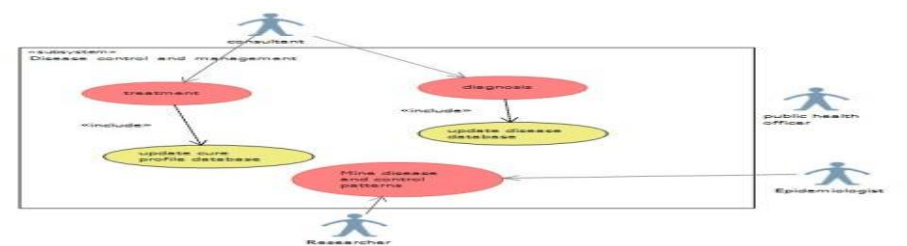
4.1 Context Diagram:

A context diagram is a visual representation that shows the system you're focusing on as a single entity, surrounded by its external interfaces. It helps to illustrate the interactions between the system and its environment without diving into the internal details. Context diagrams are commonly used in software development, systems analysis, and business process modeling to provide a high-level overview of a system's interactions with external entities.



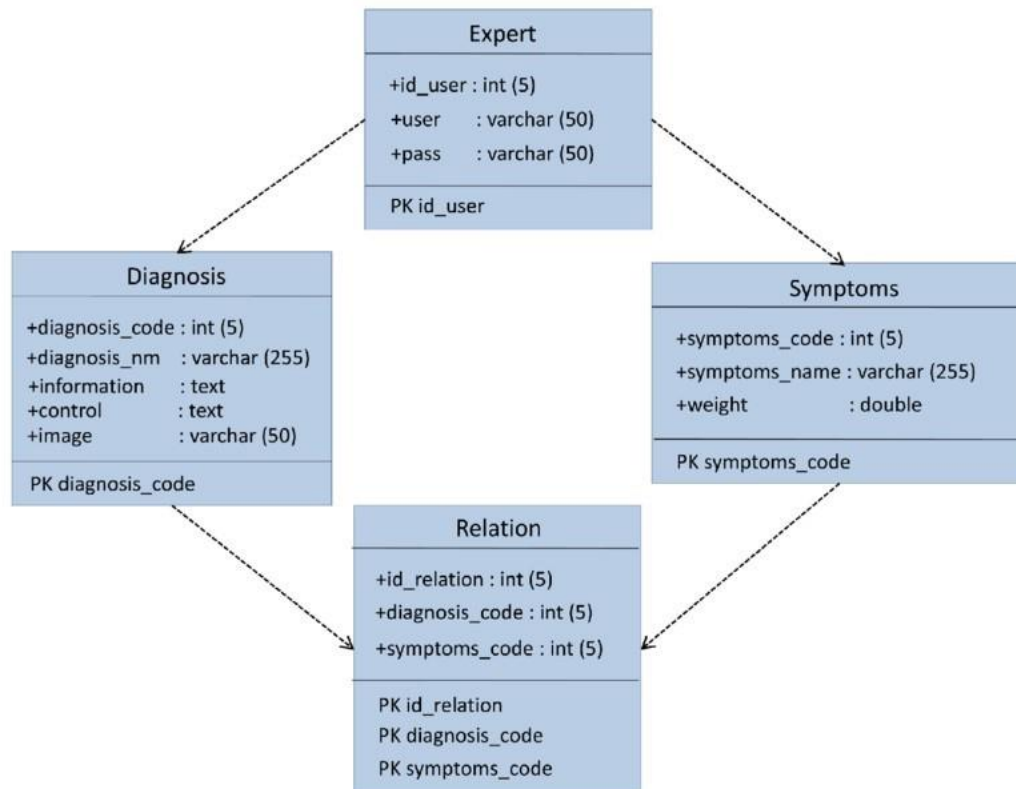
4.2 Usecase Diagram:

A use case diagram is a type of diagram used in software development and systems engineering to visualize the interactions between users (actors) and a system's functionalities (use cases). It provides a high-level view of how users interact with the system and the specific tasks the system can perform in response.



4.3 class Diagram

Class diagrams are the blueprints of your system or subsystem. You can use class diagrams to model the objects that make up the system, to display the relationships between the objects, and to describe what those objects do and the services that they provide. Class diagrams are useful in many stages of system design.



CHAPTER 5

Code Implementation Design

1. Enter page

```
<html>
<head>
<title> PROJECT ON WEB TECHNOLOGIES </title>
</head>
<body align="center" background="vani.gif" background-size="cover" height="100vh" padding="0"
margin="0"><br><br><br><br><br><br><br><br>
<form action="login.html" method="post" style="width:100%">
<fieldset>
<legend align="center" style="color: aqua"><h2><b><i>**SHARE AND CARE CLINIC**</i></b></h2></legend>
<h3 style="color: SlateBlue"><b> HEALTH IS THE GREATEST POSSESSION...</b></h3>
<p style="color: violet"><i> Health is the greatest gift, contentment the greatest wealth, faithfulness the best relation.</i></p>
<input type="submit" value="click here">
</body>
</html>
```

2. Login page

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8" />
5 <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6 <meta http-equiv="X-UA-Compatible" content="ie=edge" />
7 <link rel="stylesheet" href="style.css"/>
8 <title>SHARE AND CARE CLINIC</title>
9 </head>
10 <style>
11 body{
12 background-image:
13 url('health.jpg');
14 }
15 </style>
16 <body>
17 <div class="login-wrapper">
18 <form action="login.php" class="form" method="POST">
19 <h2>Login</h2>
20 <div class="input-group">
21 <input type="text" name="loginUser" id="loginUser" required />
22 <label for="loginUser">User Name</label>
23 </div>
24 <div class="input-group">
25 <input type="number" name="loginnumber" id="loginnumber" required />
26 <label for="loginnumber">Phone number</label></div>
27 <input type="submit" value="Login" class="submit-btn" />
28 </form>
29 </div>
30 </body>
31 </html>
```

3.Home page

```
</style>
<body style="background-color: #bisque">
<nav class="navbar navbar-expand-md bg-dark navbar-dark sticky-top">
<a href="#" class="navbar-brand"></a>
<span class="navbar-text text-danger"><i>Online HealthCare</i></span>

<button type="button" class="navbar-toggler" data-bs-toggle="collapse" data-bs-target="#list">
<span class="navbar-toggler-icon"></span>
</button>

<div id="list" class="navbar-collapse collapse">
<ul class="navbar-nav">
<li class="nav-item">
<a href="#" class="nav-link active text-primary">home</a>
</li>
<li class="nav-item dropdown">
<a href="#" class="nav-link dropdown-toggle active" role="button" data-bs-toggle="dropdown">Services</a>
<ul class="dropdown-menu">
<li>
<a href="#" class="dropdown-item">Medicines</a>
</li>
<li>
<a href="#" class="dropdown-item">Doctors for Consultancy</a>
</li>
<li>
<a href="#disease" class="dropdown-item">Diseases</a>
</li>
<li>
<a href="#" class="dropdown-item">Lifecare</a>
</li>
</ul>
</li>
</ul>
</div>
```

4.Diseases

```
h1 style="text-align:center" id="disease"><i>Diseases</i></h1>
<div class="row">
<div class="col-md-4">
<div class="card bg-success m-5">

<div class="card-body">
<div class="container">
<button type="button" class="btn btn-info" data-bs-toggle="collapse" data-bs-target="#accord">Skin diseases</button>
<div id="accord" class="collapse">
<ul>
<li><a href="skindiseases.html">Acne</a></li>
<li><a href="skindiseases.html">Alopecia areata</a></li>
<li><a href="skindiseases.html">Atopic dermatitis (eczema)</a></li>
<li><a href="skindiseases.html">Psoriasis</a></li>
<li><a href="skindiseases.html">Raynaud's phenomenon</a></li>
<li><a href="skindiseases.html">Rosacea</a></li>
<li><a href="skindiseases.html">Skin cancer</a></li>
</ul>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>

<div class="col-md-4">
<div class="card bg-info m-5">

<div class="card-body">
<div class="container">
<button type="button" class="btn btn-warning" data-bs-toggle="collapse" data-bs-target="#accordi">Diabetes</button>
<div id="accordi" class="collapse">
```

5.Thanking page.

```

body{
background-image:
url('vv.webp');
}

</style>
</head><br><br>
<h2 style="text-align:center;color:navy">*****Welcome to SHARE AND CARE CLINIC !*****</h2>
<h3 style="text-align:center;color:navy">****designed by SINGAMSETTI NANDINI AND ILOUR SHAIK RIZWAN RAJA !****</h3><br><br><br>

<p><marquee width="80%" behavior="alternate" style="font-size:25px;color:red">** Health is the thing that makes you feel that now is the best t

<body align='center' background="" background-size="cover" height="100vh" padding="0"
margin="0"><br><br><br><br><br><br><br><br>
<form action="" method="post" style="width:100%">
<h3 style="color:SlateBlue;font-size:35px"><b> THANK YOU FOR VISITING OUR WEBSITE.</b></h3>
<h2 style="color:violet;font-size:35px"><i> VISIT AGAIN...</i></h2>

</body>
</html>

```

CHAPTER 6

CONCLUSION

6.1.Conclusion

This can be a powerful tool to help healthcare organizations

improve their knowledge about diseases and their prevention . It

can provide an integrated, comprehensive solution to knowing

patient disease, prevention and cure, as well as provide real-time

insights into hospital performance. When used correctly and effectively, a online healthcare can help hospitals ensure that users can able to know about what are the diseases and what are the medicines to be taken to cure those diseases are as efficient and effective as possible.

REFERENCES

- Adams SG, et al. Systematic review of the chronic care model in chronic obstructive pulmonary disease prevention and management. Archives of Internal Medicine.
- Archer J, et al. Collaborative care for depression and anxiety problems. Cochrane Database of Systematic Reviews. 2012. p. CD006525.
- R.S Pressman, Software Engineering: A Practitioner's Approach, McGraw-Hill, Edition-7 (2010).