

CARECANCER.NET

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CANDIDATE’S DECLARATION

This is to certify that I have done the project entitled “**CARECANCER.NET**” Under the supervision of **Dr. Khondaker Abdullah Al Mamun, Associate Professor**, Department of Computer Science & Engineering (CSE), United International University, Dhaka and it has not been submitted elsewhere for any other degree.

Signature of the candidate

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This Project titled “**CARECANCER.NET**”, submitted by **Samira Muntaha**, ID No-**012142022** to the Department of Computer Science and Engineering, United International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of MSc. in CSE and approved as to its style and contents. The presentation has been held on November 11, 2017.

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Acknowledgement

Praise is for Almighty Who showered His kind blessings in during this Project.

It has been great pleasure for me to develop the Web Based Application **CARECANCER.NET**. I have gathered sufficient knowledge and experience during this project.

I would like to thank my honorable teachers and supervisor of this project **Dr. Khondaker Abdullah AL Mamun**, Associate Professor, Department of Computer Science and Engineering, United International University, who guided me to proper analysis of the system and helped to develop an elegant and efficient system. His endless patience ,scholarly guidance ,continual encouragement , constant and energetic supervision, constructive criticism , valuable advice, reading many inferior draft and correcting them at all stage have made it possible to complete this project. I must also convey my special thank and gratitude to all of respected teachers of my department. I would like to thank to all of my friends for their valuable suggestions and assistance for completing.

Finally, we must acknowledge with due respect the constant support and patients of our parents.

ABSTRACT

The website **CARECANCER.NET** is to assist Cancer Patients/Caregivers of affected people to find it easy to know or view symptoms, care, treatment, medicine store, hospitals, and emergency contacts, as per their own requirements. This software provides a dynamic way through which user can search for specialist in a specific area.

Every Application has its own scope which is very much realistic and also may expand/change in future. This project is also limited to some time and effort boundary. Right now the Application has scopes with flexible design to add on or incorporate future requirements also. The main objective of this system is to facilitate the patient's or caregivers to know about cancer and its prevention and cure to get all the information under one platform. Now a days finding appropriate cancer related information based website is difficult.

In order to overcome this problem, the **CARECANCER.NET** application is designed and developed using PHP platform for necessary security and portability reason. The software application performs satisfactorily. The future of **CARECANCER.NET** can be further extended with more features.

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Chapter 01

Introduction

1.1 Introduction

“Digital Bangladesh” is a common dream for every citizen now a days. Bangladesh has already stepped forward for centralizing and digitalizing all its sectors. People of this country are very much aware and familiar with the use of Software, internet and websites. With growing number of population and industrialization as a drawback diseases and sickness have also increased proportionately. Cancer, the big C was a very rare disease even a few decades ago. But now it has become very common and people needs to be aware of it to prevent cancer and also to know the cure of cancer. So keeping the general mass in mind we wanted to develop this website as helping hand for the affected people or cancer patient caregivers.

1.2 Background

Bangladesh is a progressive and populated country. As we move forward to digitization and industrialization along with its benefits some drawbacks also occur. The environment is much more populated than before, the food are being preserved using various unhealthy preservative, all these along with genetic problems have increased the diseases all around us. Specially cancer. The Cancer is a severe and deadly disease. If we look at the statistics we can see, according to Bangladesh Bureau of Statistics the sixth leading cause of death is cancer in Bangladesh

On the other hand lots of people are still unaware of the symptoms of cancer and also what are the medication or cure of cancer. Because of all these problems in most of the cases cancer is diagnosed at a very late stage and as a result more and more death occurs. If the mass people can be made aware and they can know all the information needed about cancer under one platform it can be very helpful for them. Because internet is very accessible now a days.

We want to digitalize and facilitate a large group of people who require such kind of help where all the information regarding cancer including treatment, symptoms, hospitals, medicine store and also the list of all specialists are available in a website. We plan to include real time appointment system via logging in to our website very soon.

1.3 Problem of Interest

For the past few years the world has seen immense advancement in every sector possible. Especially the information technology and medical field has rapidly seen its growth. Along with removal of old diseases some new disease are discovered everyday. With the advancement of science and technology new methodologies and treatments are invented. Cancer is a deadly disease. In the year 2012 8.2 million deaths were reported due to cancer and 12 million new cancer cases were reported. This is a major concern. Now a days internet is the most reachable communication media to every other person. We need to make people aware of the danger of cancer. We can use the internet as the media and make people aware, because it has now been reached by every other person. So we chose to create a website dedicated to cancer only, specially for the people of Bangladesh. For making the life of the patients and the caregiver a little bit easier.

1.4 Objectives

Carecancer.net is a website where people can get all the information regarding cancer. It is a one stop platform for cancer patient and caregivers. With the help of this website a browser can get to know all the detailed information about cancer. There are description about types of cancer, the doctor can look for cancer specialist in any desired area. Anyone can look for most of the cancer specialists. The hospitals which give cancer treatment can be found easily in the website. Also the cancer medicines are not available at all the pharmacy, we have tried to sort out the medicine stores of cancer treatment. All these in single website and more. We will be adding more features to this website soon.

Every Application has its own scope which is very much realistic and also may expand/change in future. This project is also limited to some time and effort boundary. Right now the Application has following scopes, with flexible design to add on or incorporate future requirements also.

Here I have developed a website where mass people as well as cancer patients will get all the necessary information about cancer. Major features are :

- About cancer: This feature will cover almost all required information about cancer.
- Causes and prevention: Describes how a specific type of cancer can be caused and how it can be prevented.
- Treatment: Holds information about various types of cancer treatments, side effects etc. such as chemotherapy, pre-chemotherapy advices, post chemo therapy advices.
- Medicine: This consists of all information related to medicines.
- Cancer stories: in order to keep cancer patients motivated to fight against it cancer stories around the world will be shared
- Emergency: In case of emergency, this website is provided with the contact numbers of different ambulance services for the immediate movement of patients

There are also some other features as well

1.5 Book Organizations

Our project paper on **Carecancer.Net** is organized into five chapters. These are –

Chapter-1 Introduction: In this chapter we have already discussed about Carecancer.net for cancer patients and caregivers i.e. Introduction of the project, Background, main objectives, problem of Interest, present state and prospect of our project. Actually this is preliminary chapter which describes the primary description about the project.

Chapter-2 System Analysis: In this chapter we deal with Software Requirement Specification, in which we discuss about Functional and Technical requirement. We discussed Carecancer.net features, feasibility, Development Tools Selection. Also discuss about the solution architecture and model we used in this project.

Chapter-3 System Design: In this chapter we described the desired Carecancer.Net system features in detail, and generally include workflow diagram, and Use case diagram

Chapter-4 Implementation and Experiments: In this chapter we illustrates the development tool selection, development of the projects, testing. And finally we have mention and discuss about experiments with some input and observe that the desired output

Chapter-5 Conclusion and Future works: This chapter concludes our venture works saying the objective that we are accomplished in by completing our work. We moreover saying the objective that we are accomplished in by completing our work. We too specify the rightness and precision of our strategy by which we have done the work. Besides, the Future work are specified in this chapter.

Chapter 02

System Analysis

2.1 Introduction

The objective of System analysis is to decide where the issue is, in an endeavor to settle the system. This step includes breaking down the system in distinctive pieces to analyze the circumstance, analyzing extend objectives, breaking down what needs to be made and endeavoring to lock in clients so that unequivocal necessities can be characterized.

Business prerequisites are accumulated in this stage. This stage is the fundamental center of the extend supervisors and stake holders. Gatherings with directors, stake holders and clients are held in arrange to decide the prerequisites like; who is going to utilize the framework? How will they utilize the framework? What information ought to be input into the framework? What information ought to be yield by the framework? These are common questions that get replied amid a necessities gathering stage. After prerequisite gathering these necessities are analyzed for their legitimacy and the plausibility of consolidating the necessities in the framework to be improvement is too considered.

2.2 System Analysis

2.2.1 Software Requirement Specification

2.2.1.1 Functional Requirement

This is a website on cancer. The site requires dynamic search features using which both admin and management will be able to lookup their information easily. Everyone can access the same website in different computer. So that it will be helpful to serve many browser from different computer on same time.

Functional Requirement:

- Extended dynamic search over database.
- Flexibility: available 24X7 any put as long as you have web association.
- Information is easy to gather and print selectively.

2.2.1.2 Application Analysis

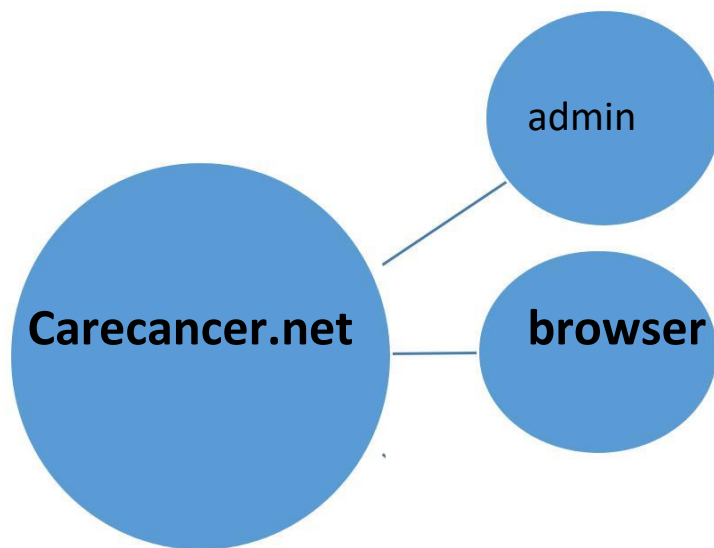


Fig 2.1 : Different level of user's

2.2.1.3 Technical Requirement

Considering above requirement the software needs to be fast and reliable. So that user can perform their activities fluently. So it is decided the software will be developed using PHP. PHP supports maximum operating systems.

Initially the solution will have mySQL database which is easy to code and maintain.

Technical Requirement:

- Web based
- User friendly design
- Simple workflow.
- Supporting Reports

2.2.2 Features

- Simple workflow/Operation
- Extended dynamic search
- Secured
- State-of-art technology used
- 2-tier architecture
- Flexible for future expansion

2.2.3 Feasibility study

A feasibility study is an investigation of how effectively a venture can be completed, book keeping for components that influence it as financial innovative, legitimate and planning variables.

Now a days finding appropriate Cancer related information is difficult to find in one place. As a result there is a thirsty market for such informative website. If such website is developed equipped with ease of searching information and communication between commoners and doctors then such facility providing solution should be successful and grow rapidly.

2.2.4 Solution Architecture

Two-Tier architecture is most suitable when the client/user and Database are on the same Local Area Network (LAN). It is an architecture in which database management system and client interface are created and kept up as free modules on isolated stages. Two tier engineering is a computer program plan design and well established program engineering.

Considering easy access and flexibility for future expansion and changes I have decided the solution should have 2-tier architecture.

2.2.5 Development Tools Selection

For our website we have used the features of -

- HTML
- CSS
- Bootstrap
- XAMPP
- PHP
- MySql

2.2.6 Methodology

A site improvement strategy alludes to the system that is utilized to structure, arrange, and control the prepare of creating a data framework. A wide assortment of such system have advanced over a long time, each with its claim recognized qualities and shortcomings. One methodology is not appropriate to be utilized by all ventures. Each of the accessible strategies are suited to particular sorts of programs based on different specialized, organizational, extend and group considerations.

To develop and maintain this kind of project, I choose 'Waterfall Model' as software

development life cycle (SDLC). I think that to comply with the changing requirements and functionality, Waterfall Mode will be suitable comparing to other SDLC models.

2.2.7 Waterfall Model

The waterfall model is a successive plan handle, regularly utilized in computer program development forms, in which advance is seen as streaming relentlessly downwards (like a waterfall) through the stages of conception, start ,investigation, plan, development, testing, production/implementation and support.

The waterfall development model originates in The waterfall development model originates in the fabricating and development businesses; profoundly organized physical situations in which after-the-fact changes are restrictively exorbitant, in case not inconceivable. Since no formal computer program advancement techniques existed at the time, this hardware-oriented demonstrate was essentially adjusted for computer program development.

To begin known introduction depicting utilize of comparative stages in program designing was held by Herbert D. Benington at Symposium held by Herbert D. Bennington at symposium on progressed programming strategies for advanced computers on 29 june 1959. This introduction was almost the improvement of program for SAGE in 1983 the paper was republished with foreword by Benington indicating out the handle was not in reality performed in a strict top down mold, but depended on a prototype.

To begin with formal portrayal of the waterfall demonstrate is frequently cited as a 1970 article by Winston W. Royce , in spite of the fact that Royce did not utilize the term “waterfall” in that article. Royce displayed this demonstration as an illustration of a imperfect, non-working show. This , in truth, is how the term is utilized in composing approximately computer program development to depict a basic see of a commonly utilized program improvement practice.

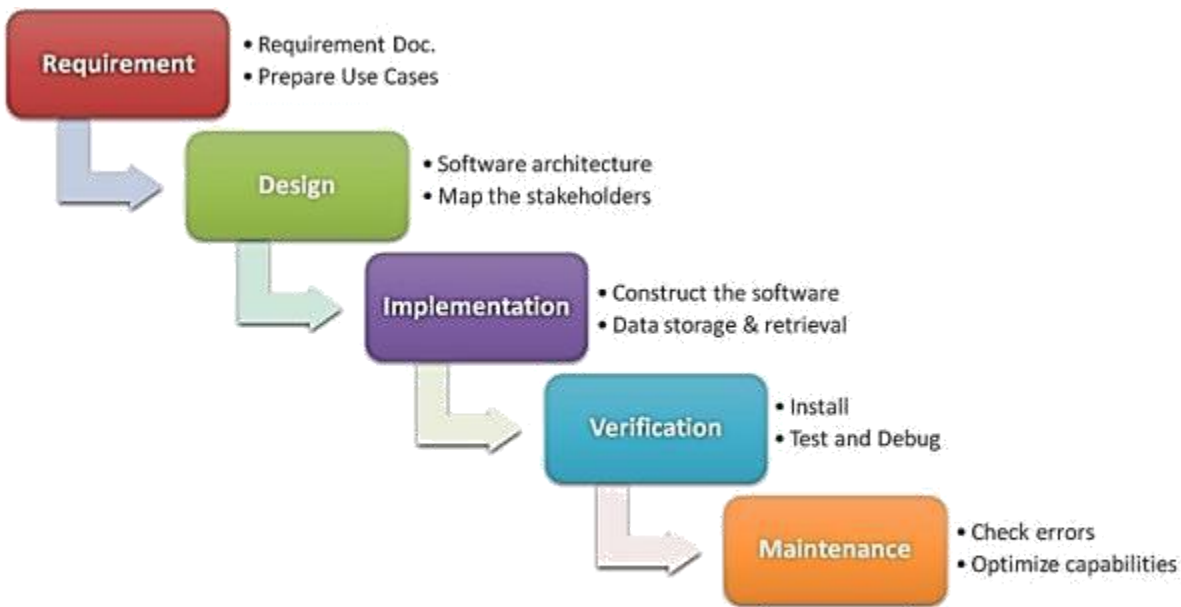


Fig 2.2: Waterfall Model

2.2.8 Advantage of Waterfall Model

- 1) Waterfall model is so basic to actualize and moreover the sum of assets required for this to show are negligible comparing to other models.
- 2) In this demonstrate, yield is produced after each organize (as seen some time recently), in this manner it has tall deceivability. The client and extend supervisor gets a feel that there is impressive advance. Here it is critical to note that in any venture mental variables too play an vital role.
- 3) Project administration, both at inner level and client's level, is simple once more since of unmistakable yields after each stage. Due dates can be set for the completion of each stage and assessment can be done from time to time, to check on the off chance that extend is going as per milestones.
- 4) This technique is essentially superior than the indiscriminate approach to create program. It gives a format into which strategies of investigation, plan, coding, testing and upkeep can be placed.

- 5) This strategy is essentially way better than the erratic approach to create computer program. It gives a layout into which strategies of examination, plan, coding, testing and support can be put.
- 6) This strategy is favored in ventures where quality is more critical as compared to plan or fetched.

2.3 Conclusion

To actualize the venture we have characterized utilization and specialized prerequisite in this chapter. We moreover indicated the highlights of the program and characterized that we will take after demonstration to create the program. We finalize the arrangement engineering and advancement instrument choice. We discuss about the approximately and possibility of thinking about this project. In next chapter we talk about the framework plan for carecancer.net

Chapter 3

System Design

3.1 Introduction

In system design, the design capacities are operations are depicted in detail counting scree formats, commerce rules, handle graphs and other documentation. The yield of this arrangement will show the modern framework as a collection of subsystem modules.

The plan organize takes as its starting input the necessities recognized in the endorsed prerequisites archive. For each necessity , a set of one or more plan components will be created as a result of interviews, workshops and model endeavors.

System design is the handling of characterizing the components, modules, interfacing, and information for a framework to fulfill indicated prerequisites. Framework advancement is the process of making a modified frameworks, along with the forms, models, and strategies utilized to create them.

Design elements portray that framework highlights in detail, and for the most part incorporate useful progression charts, format graphs, tables of content, trade prepare chart, work flow graph, arrangement chart and total substance relationship graph with a full information word reference. These plan components are expecting to depict the framework in adequate detail, such that designers may create and provide the framework with negligible extra input.

3.2 System Design

3.2.1 Workflow Diagram

3.2.1.1 Site Admin's Workflow

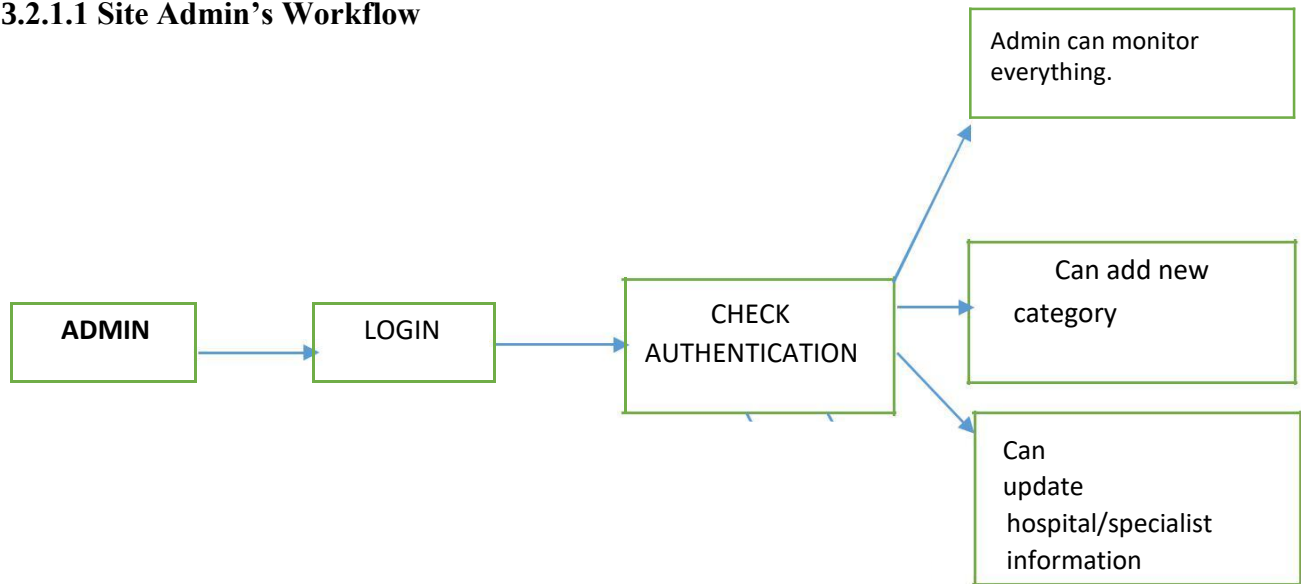


Fig 3.1: Admin's Workflow

3.2.2 Use Case Diagram

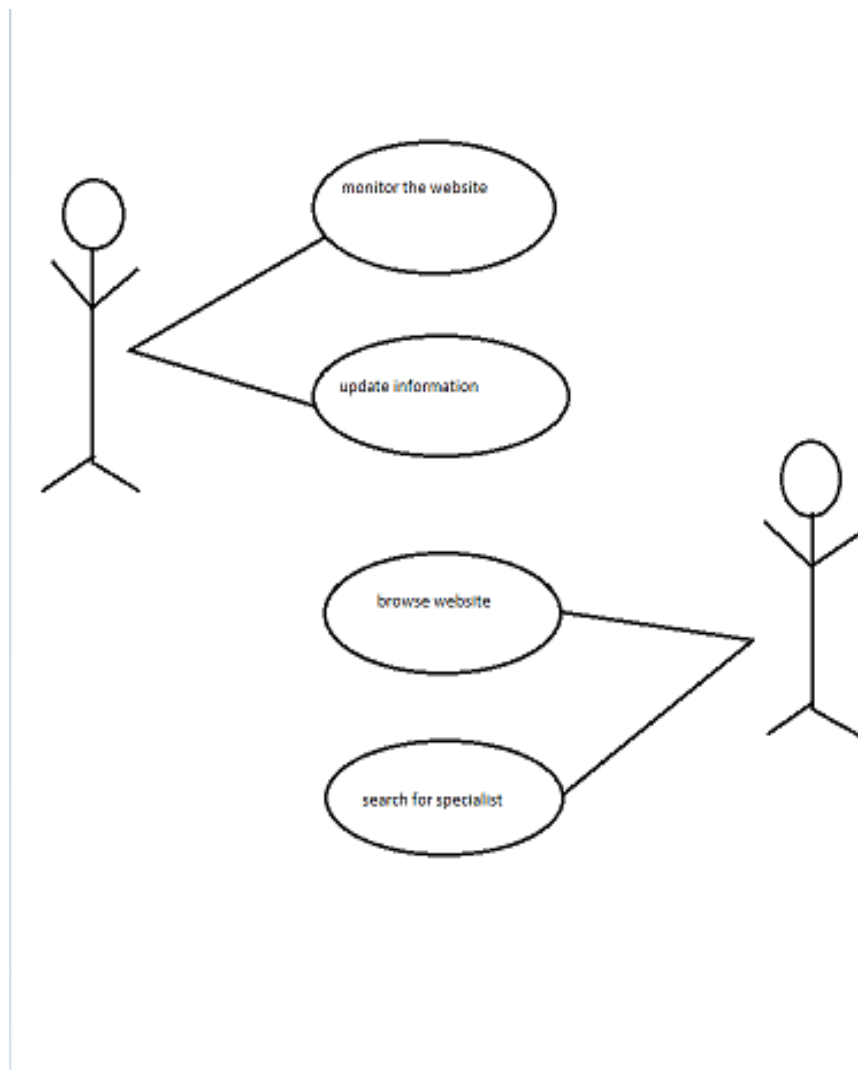


Fig 3.2 : Use Case Diagram

3.3 Conclusion

In this chapter we described the desired Carecancer.net features in detail, and generally include workflow diagram, Sequence diagram, and Use case diagram.

Chapter 4

Implementation and Experiments

4.1 Introduction

To make fast, secure and robust, latest and modern methodology and technology is used to implement the Carecancer.net website. The technology which is used to implement, makes this project user friendly, reliable and standard system. Now we describe about the development, testing, implementation and experiments with some input and observe our desired output.

4.2 Development

Development environment

XAMPP :

XAMPP is developed by Apache Friends[2] which is an unpaid and open source cross platform internet server solution pack. Basically Apache HTTP server, MYSQL database, mediator for scripts composed in PHP and PERL programming dialects is comprised in XAMPP. XAMPP is the short version of Cross-Platform (X), Apache (A), MariaDB (M), PHP (P) and Perl (P). It is a basic, lightweight Apache dissemination that makes it amazingly simple for engineers to make a local web server for testing and examining a website. To set up a web server, a server application, database, and programming language is needed. All these are included in an extractable file in XAMPP. Those are Apache, MariaDB, and PHP. XAMPP works well in all the operating systems. Linux, Windows and IOS. This makes XAMPP cross platform. All these features makes XAMPP a live test server extremely easy and well.

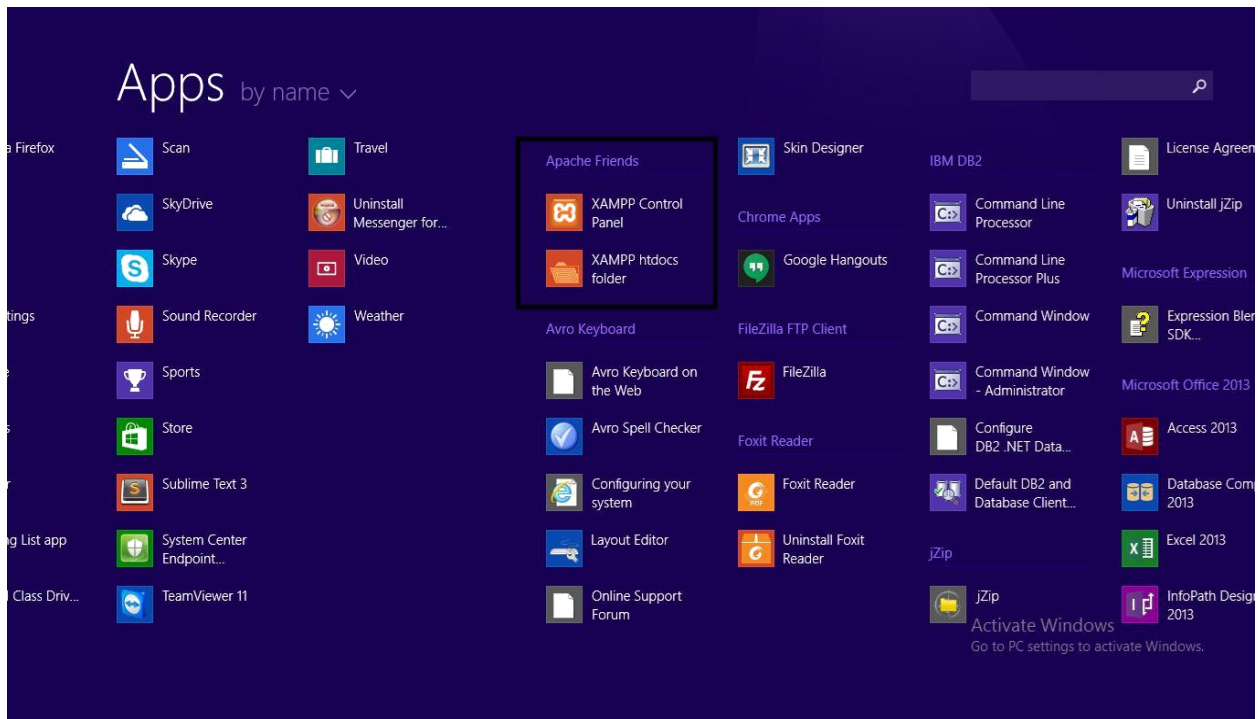


Fig 4.1: After installing XAMPP in Windows 8

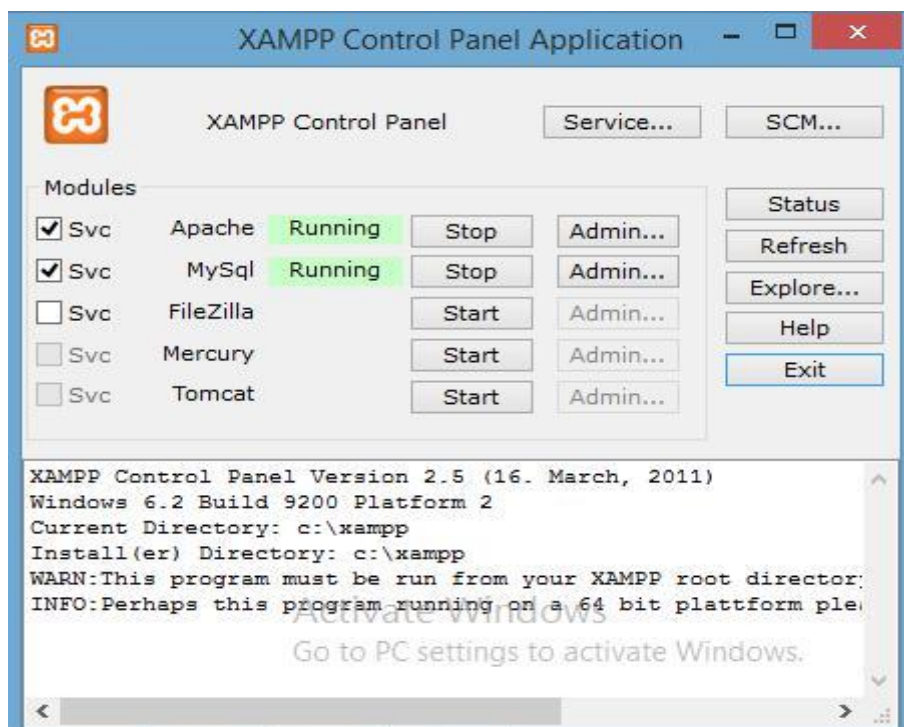


Fig 4.2: Apache and MySQL running in XAMPP

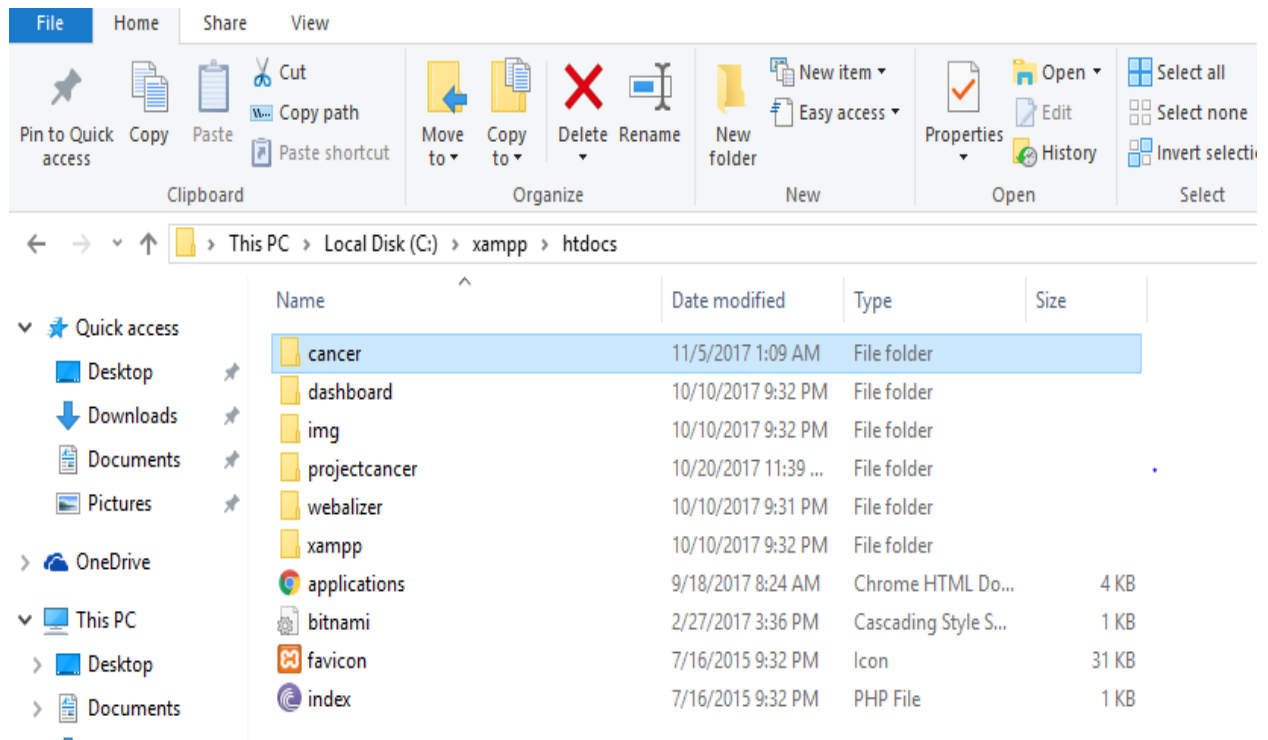


Fig 4.3: Keep project under “C:\xampp\htdocs\” location

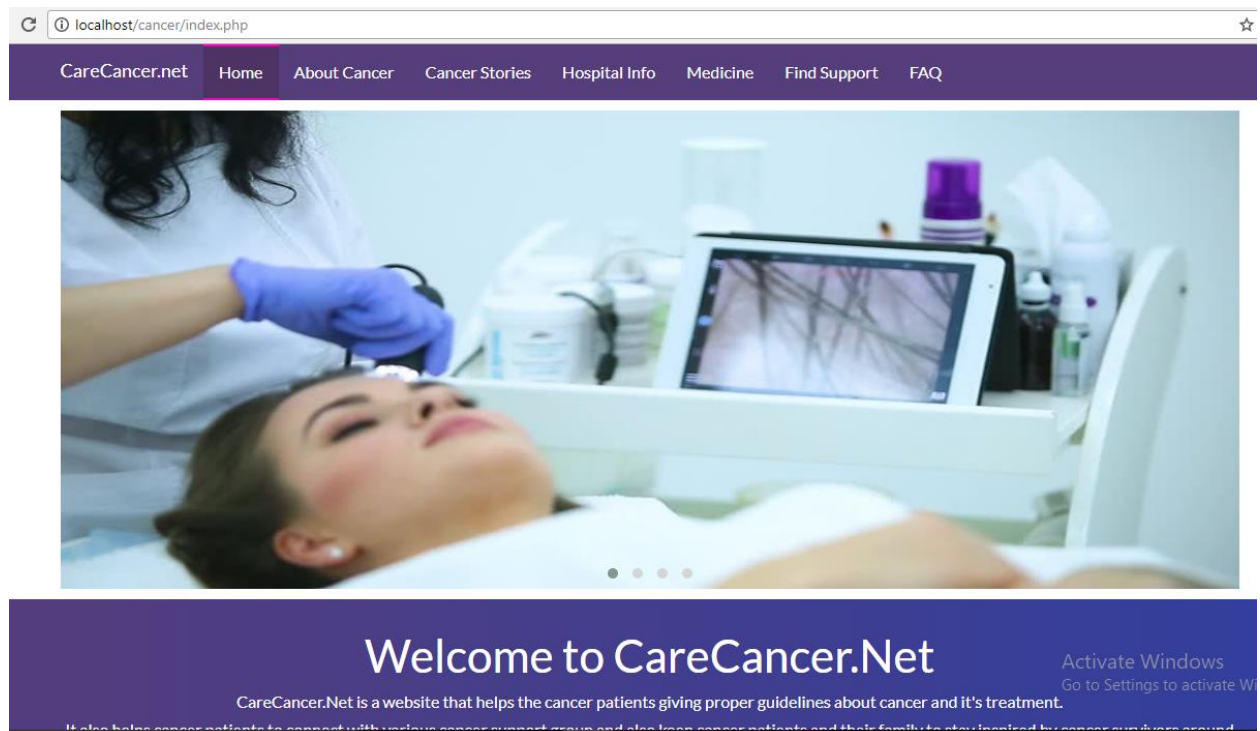


Fig 4.4 : Open project on browser

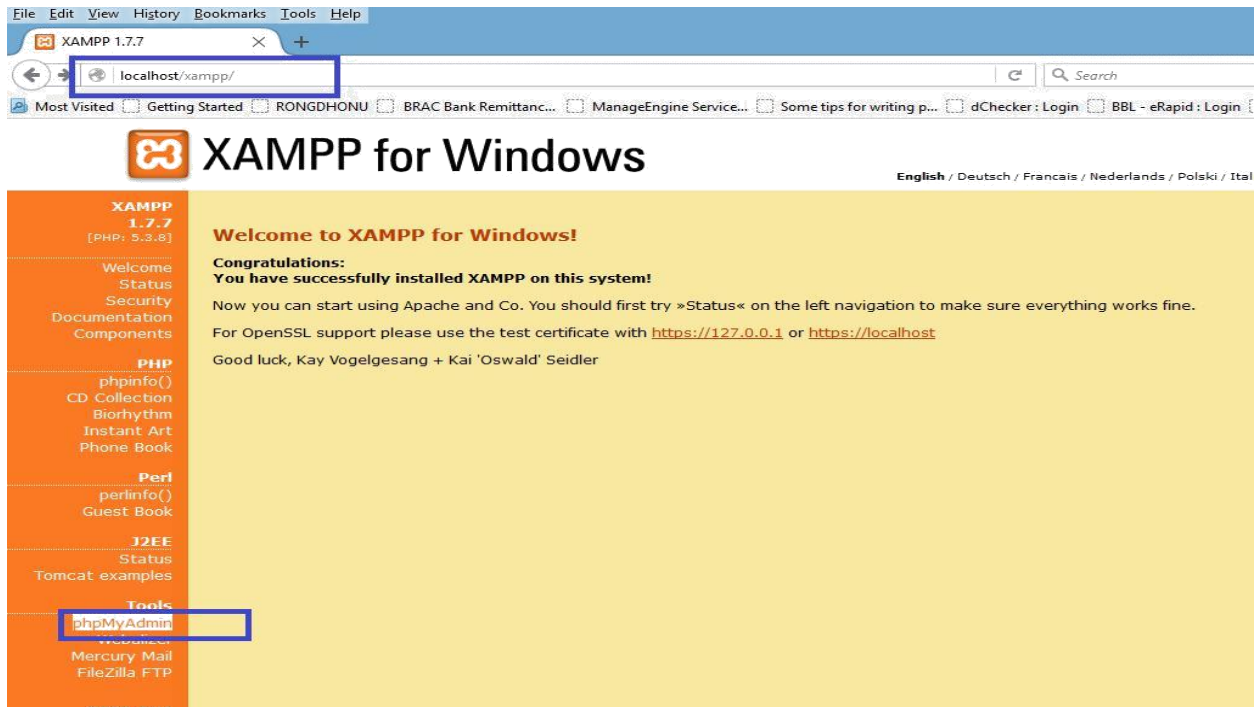


Fig 4.5 : phpMyAdmin in XAMPP

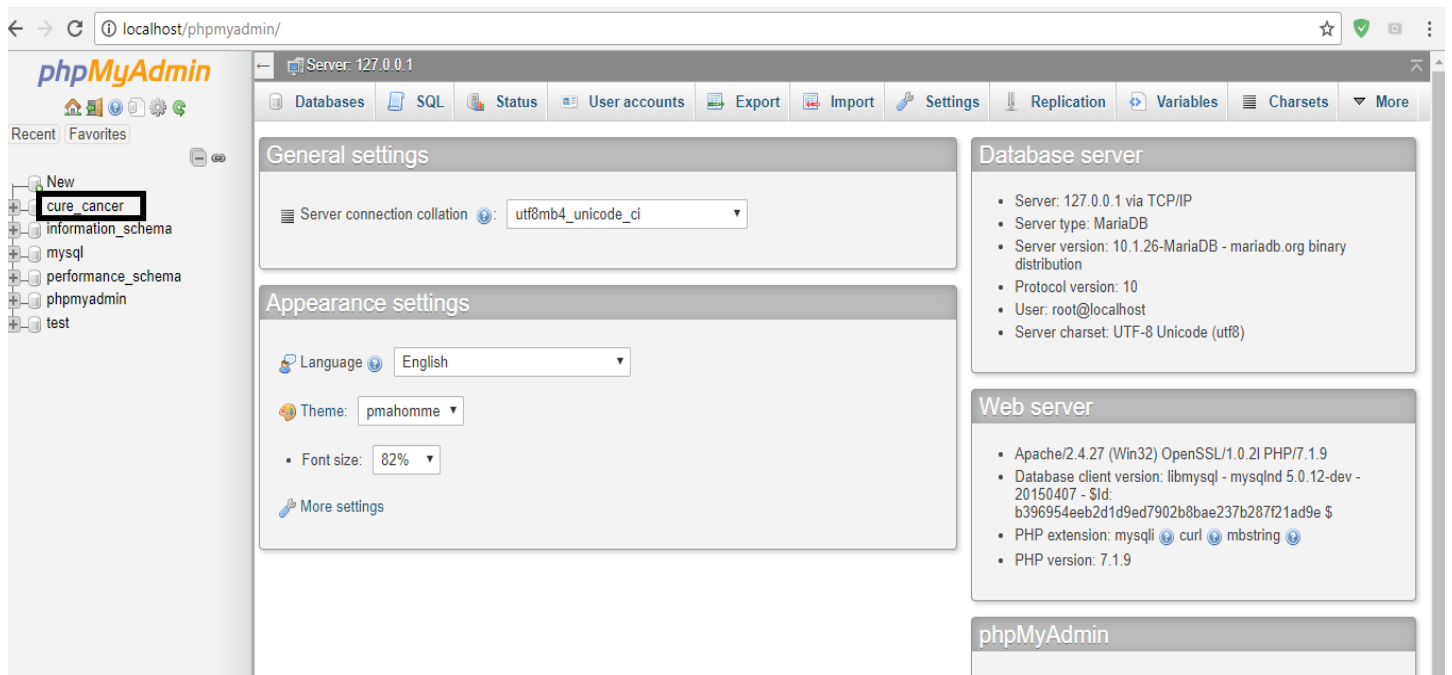


Fig 4.6 : Project Database in phpmyAdmin

4.3 Software Testing

The examination conducted to supply the partners or vendors with data almost the quality of item of benefit according to requirement is called software testing. Also to understand the approximate risk of software implementation and to accommodate with the objective and an unbiased view of the software is provided by software testing. With the aim of finding program bugs (blunders and defects) test strategies are incorporates but are not constrained to the process of execution.

Computer program testing can be expressed as the prepare of approving and confirming that a computer program/application/product:

1. The development and designs are done accordingly
2. Functions appropriately
3. With different values the program still runs correctly
4. The demand of the clients are met

Computer software testing , depending on the test strategy utilized , can be executed at any time in the life cycle of the software development. Customarily most of the test exertion happens after the before requirements have been noted down and the coding section has been completed, although in the waterfall approach most of the test execution is ongoing. As such the testing technique is administrated by the strategy decided by computer programmer.

4.3.1 Testing methods

Static vs. dynamic testing: There are numerous approaches to computer program testing. Audits, walkthroughs, or reviews are alluded to as inactive testing, though really executing modified code with a given set of test cases is alluded to as energetic testing. Inactive testing can be overlooked, and tragically in none regularly is. Energetic testing takes put when the program itself is utilized. Energetic testing may start some time recently the program is 100% total in arrange to test specific areas of code and are connected to discrete capacities or modules. Commonplace methods for this are either utilizing stubs/drivers or execution from a debugger environment.

4.3.2 The box approach

Program testing strategies are customarily separated into white- and black-box testing. These two approaches are utilized to depict the point of view that a test design takes when planning test cases.

White-Box testing: In the testing process where all the inner structures or working of a program , as contradicted to the usefulness uncovered to the end –user is called white box testing which is also called as clear box testing, glass box testing, straightforward box testing and basic testing. The programming aptitudes, the viewpoint of the framework are used to plan white box test cases.

The tester decides inputs to work out ways through the code and decide suitable points. This is practically equivalent to testing hubs in a circuit, e.g. in-circuit testing (ICT)

While white-box testing can be connected at the unit, integration and framework levels of the computer program testing handle, it is ordinarily done at the unit level. It can test ways inside a unit, ways between units amid integration, and between subsystems amid a system-level test. In spite of the fact that this strategy of test plan can reveal numerous mistakes or issues, it might not identify unimplemented parts of the detail or lost prerequisites.

Systems used in white-box testing include:

- API testing (application programming interface) – when the application is tested wusing public and private APIs.
- Code coverage – The programmer creates test cases to cover all the code applied. That is to test each of the functions at least once
- Fault injection methods – to deliberately infect faults in the program to see how it handles exceptions.
- Mutation testing methods
- Static testing methods

Code scope devices can assess the completeness of a test suite that was made with any strategy, counting black-box testing. This permits the program group to look at parts of a framework that are once in a while tried and guarantees that the most critical work focuses have been tried. Code scope as a program metric can be detailed as a rate for:

- Function coverage, The processes or functionalities which are implemented are reported
- Statement coverage, the total number of lines to have been executed to complete the test is reported

100% explanation scope guarantees that all code ways, or branches (in terms of control stream) are executed at slightest once. This is accommodating in guaranteeing redress usefulness, but not adequate since the same code may prepare diverse inputs accurately or wrongly.



Black-box testing: Manages the computer program as a “black box”, looking for usefulness without any information of inner usage. The analyzer is as if it were mindful of what the computer program is gathered to do, not how it does other programs. Although all of the Black box testing strategies incorporate: proportionality dividing, boundary esteem investigation, all-pairs testing, state move tables, choice table testing, fluff testing, model-based testing, utilize case testing, exploratory testing and specification-based testing.

Grey-box testing: Grey-box testing includes having information of inner information structures and calculations for purposes of planning tests, while executing those tests at the client, or black-box level. The analyzer is always not required to have full information to get to the software's source code. Controlling input information and designing yield do not qualify as grey-box, since the input is done also and yield are clearly exterior of the "black box" that we are calling the framework beneath test. This qualification is especially critical when conducting integration testing between two modules of code composed by two distinctive engineers, where as it were the interfacing are uncovered for test. Be that as it may, altering a information store does qualify as grey-box, as the client would not regularly be able to alter the information exterior of the framework beneath test. Grey-box testing may too incorporate switch building to decide, for occurrence, outer values or error messages.

Visual testing: The target of visual testing is to provide testing engineers with the access to discover what is happening at any given moment of the website crash by revealing the information in such a way that the designer can effortlessly find out the information needed, and the data is passed on very clearly as well. In the Center of the visual testing is the thought that appearing somewhere an issue or a test disappointment or maybe clear portrayal of incremental clarity and understanding.

Thus the visual testing requires the recording of whole test plans and sequences, capturing everything and anything happening in the test case in a video arrangement system. Then the real time analyzer is through the input out put which is captured through a webcam and sound commentary from a microphone.

To test the **Carecancer.net** application, we have test all screen as visual test, and functional accuracy.

We found all process are working fine and all screen can handle any exceptional data. Number of testers will be involved for testing **Carecancer.net**. They will perform various test scenarios on the application. After complete satisfaction application will be launched.

4.4 Experiments

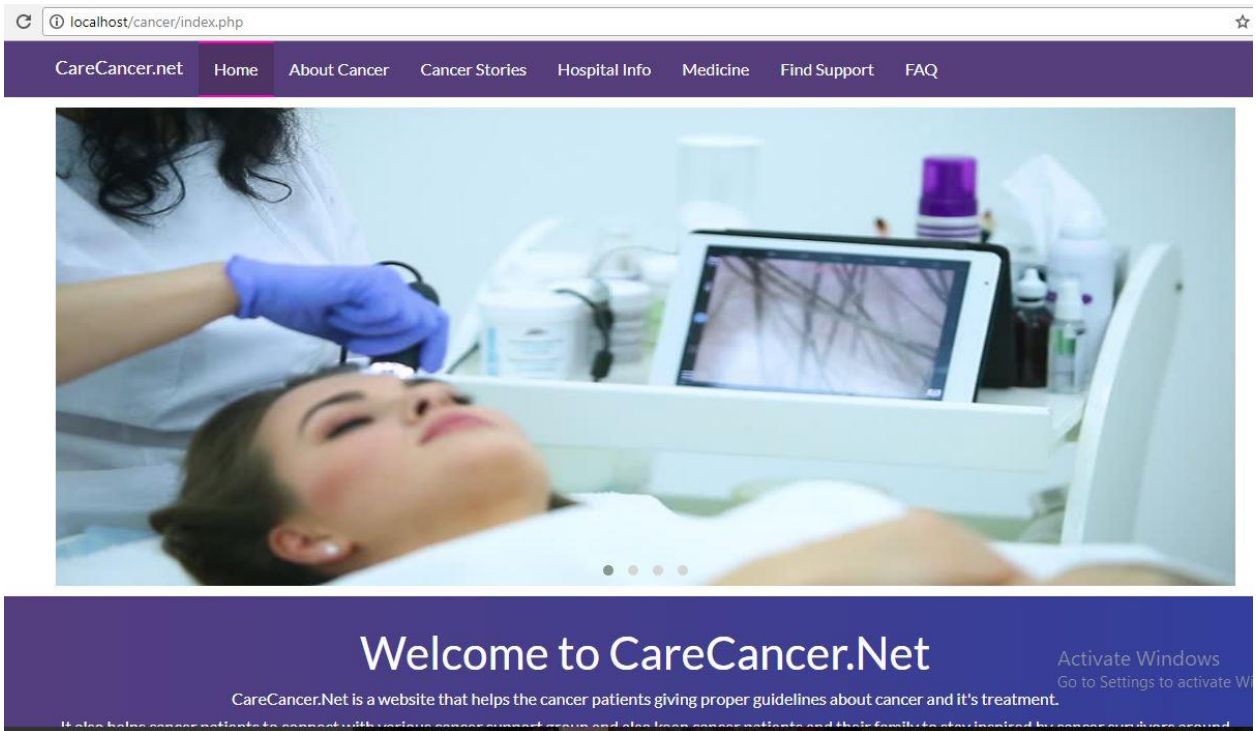


Fig 4.8 : Homepage

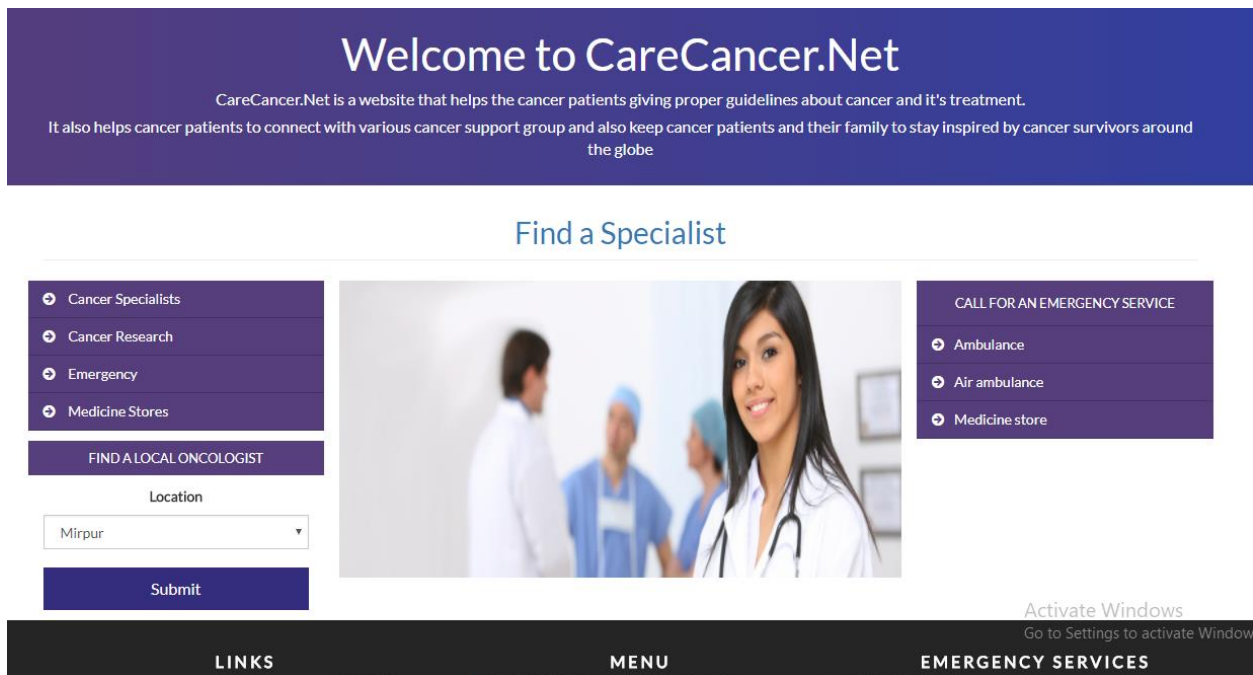


Fig 4.9 : search page

4.5 Conclusion

In this chapter we described the desired **Carecancer.net** application with the Testing, Experiments software's and see the desired output.

Chapter 5

Conclusion and Future Work

5.1 Conclusion

In conclusion we can say that the implementation of ‘‘Carecancer.net’’ is very important. It will be very helpful for both the software developers and people who are in need of an appropriate website related to cancer for them. It will not only enhance effectiveness but also remove and hassle to collect proper information.

There are huge number of cancer patient and caregivers with lack of proper knowledge and treatment of cancer. There are also medicine stores and hospitals which need proper marketing for being available to needy people. This website can work as a bridge among the caregivers and the patients.

Lastly we would like to say using ‘‘carecancer.net’’ website it is very helpful who in need of those information.

5.2 Future Work

Time changes, so does technology and system of treatment. We plan to enhance this website vastly with a rich store of information. At present we have something in mind to add to the software in near future-

- To launch the website in Bangla language
- To add an online appointment system
- To add information about cancer hospitals and specialist all over Bangladesh.
- To insert a subscription option to get monthly newsletters about cancer

REFERENCES

- [1] “Use case”, http://en.wikipedia.org/wiki/Use_case, date: 15 January, 2017
- [2] “Data Model”, http://en.wikipedia.org/wiki/Data_model, date: 15 January, 2017
- [3] “Flowchart”, <http://en.wikipedia.org/wiki/Flowchart>, date: 16 January, 2017
- [4] “User Interface Design”, http://en.wikipedia.org/wiki/User_interface_design, date: 16 January, 2017
- [5] “Software Testing”, http://en.wikipedia.org/wiki/Software_testing, date: 18 Jan, 2017

Appendix

Some Sample Source Code of the Project

Login index page creating code :

```

1  <?php
2      $page_name = 'home';
3      require_once 'header.php' ;
4  ?>
5
6  <link rel="stylesheet" type="text/css" href="css/owl-carousel/owl.carousel.min.css">
7  <link rel="stylesheet" type="text/css" href="css/owl-carousel/owl.theme.default.min.css">
8  <link rel="stylesheet" type="text/css" href="css/animate.css">
9
10 <section class="container" style="margin-bottom: 10px;">
11     <div class="row">
12         <div class="col-md-12">
13             <div class="owl-carousel owl-theme">
14                 <div class="item">
15                     
16                 </div>
17                 <div class="item">
18                     
19                 </div>
20                 <div class="item">
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23                 <div class="item">
24                     
25                 </div>
26             </div>
27         </div>
28     </section>
29
30 <section class="welcome_msg">
31     <div class="container">
32         <div class="row">
33             <div class="col-md-12" style="padding-top: 20px;padding-bottom: 20px;">
34                 <h1 class="text-center" style="color: #fff;margin-top: 10px;margin-bottom: 10px;font-size: 44px;f
35                 <p class="text-center" style="font-size:16px;color:#fff;margin-bottom: 5px;">CareCancer.Net is a v
36                 <p class="text-center" style="font-size:16px;color:#fff;margin-bottom: 5px;">It also helps cancer

```

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34         <p class="text-center" style="font-size:16px;color:#fff;margin-bottom: 5px;">It also helps cancer patients to connect
35     </div>
36 </div>
37 </div>
38 </section>
39 <section class="container">
40     <div class="row">
41         <div class="col-md-12">
42             <h2 class="text-center page-header" style="margin-top: 20px;padding: 10px;">
43                 <a href="specialist.php">
44                     Find a Specialist
45                 </a>
46             </h2>
47         </div>
48     </div>
49     <div class="row">
50         <div class="col-md-3 left_menu">
51             <ul style="padding:0;">
52                 <li>
53                     <a href="specialist.php">
54                         <i class="fa fa-arrow-circle-right" aria-hidden="true"></i>
55                         Cancer Specialists
56                     </a>
57                 </li>
58                 <li>
59                     <a href="research.php">
60                         <i class="fa fa-arrow-circle-right" aria-hidden="true"></i>
61                         Cancer Research
62                     </a>
63                 </li>
64                 <li>
65                     <a href="emergency.php">
66                         <i class="fa fa-arrow-circle-right" aria-hidden="true"></i>
67                         Emergency
68                     </a>
69                 </li>
70                 <li>
71                     <a href="medicinstore.php">
72                         <i class="fa fa-arrow-circle-right" aria-hidden="true"></i>
73                         Medicine Stores
74                     </a>
75                 </li>
76             </ul>
77             <h5 class="text-center text-uppercase">Find a Local Oncologist</h5>
78             <div class="col-md-12">
79                 <form class="form-inline" action="action_page.php" method="post">
80                     <div class="form-group text-center" style="width: 100%">
81                         <label for="location" class="control-label">Location</label>
82                         <select id="location" class="form-control text-center" name="Location" style="width: 100%">
83                             <option value="Mirpur">Mirpur</option>
84                             <option value="Dhanmondi">Dhanmondi</option>
85                             <option value="GreenRoad">Green Road</option>
86                             <option value="Panthapath">Panthapath</option>
87                             <option value="Gulshan">Gulshan</option>
88                             <option value="Mohammadpur">Mohammadpur</option>
89                             <option value="Uttara">Uttara</option>
90                         </select>
91                     </div>
92                     <input type="submit" value="Submit" />
93                 </form>
94             </div>
95         </div>
96         <div class="col-md-6">
97             <a href="specialist.php">
98                 
99             </a>
100         </div>
101     </div>
102 </div>

```

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```

100 </div>
101 <div class="col-md-3 right_menu" >
102
103
104 <h5 class="text-center text-uppercase">Call for an Emergency Service</h5>
105
106 <ul style="padding: 0;">
107 <li><a href="emergency.php"><i class="fa fa-arrow-circle-right" aria-hidden="true"></i>Ambulance</a></li>
108 <li><a href="airambulance.php"><i class="fa fa-arrow-circle-right" aria-hidden="true"></i>Air ambulance</a></li>
109 <li><a href="medicinestore.php"><i class="fa fa-arrow-circle-right" aria-hidden="true"></i>Medicine store</a></li>
110 </ul>
111 </div>
112 </div>
113 </section>
114
115 <?php require_once 'footer.php'; ?>
116 <script type="text/javascript">
117 $(function(){
118   $('.owl-carousel').owlCarousel({
119     animateOut: 'fadeOutLeft',
120     animateIn: 'fadeInRight',
121     loop:true,
122     margin:10,
123     nav:false,
124     items:1
125   });
126 </script>
127 </html>

```

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Header Creating page :

```

index.php specialist.php aboutcancer.php header.php footer.php airambulance.php dbcon.php
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="utf-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1">
6 <title>Care Cancer</title>
7
8 <link rel="stylesheet" href="css/bootstrap.css">
9 <link rel="stylesheet" href="css/style.css">
10 <link rel="stylesheet" href="css/bootstrap-select.css">
11 <link rel="stylesheet" type="text/css" href="css/icon/css/font-awesome.min.css">
12 <link href="https://fonts.googleapis.com/css?family=Lato" rel="stylesheet">
13 </head>
14 <body>
15 <header>
16 <nav class="navbar navbar-default">
17 <div class="container">
18 <!-- Brand and toggle get grouped for better mobile display -->
19 <div class="navbar-header">
20 <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-exa
21 <span class="sr-only">Toggle navigation</span>
22 <span class="icon-bar"></span>
23 <span class="icon-bar"></span>
24 <span class="icon-bar"></span>
25 </button>
26 <a class="navbar-brand" href="index.php" style="color: #FFF;">CareCancer.net</a>
27 </div>
28
29 <!-- Collect the nav links, forms, and other content for toggling -->
30 <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
31 <ul class="nav navbar-nav text-center">
32 <li>
33 <a href="index.php" class="active">Home
34

```

```

39         About Cancer
40     </a>
41 </li>
42 <li>
43     <a href="cancerstories.php" class="<?php if($page_name == 'cancerstories')echo 'active';?>">
44         Cancer Stories
45     </a>
46 </li>
47 <li>
48     <a href="hospitalinfo.php" class="<?php if($page_name == 'hospitalinfo')echo 'active';?>">
49         Hospital Info
50     </a>
51 </li>
52 <li>
53     <a href="medicineinfo.php" class="<?php if($page_name == 'medicineinfo')echo 'active';?>">
54         Medicine
55     </a>
56 </li>
57 <li>
58     <a href="findsupport.php" class="<?php if($page_name == 'findsupport')echo 'active';?>">
59         Find Support
60     </a>
61 </li>
62 <li>
63     <a href="faq.php" class="<?php if($page_name == 'faq')echo 'active';?>">
64         FAQ
65     </a>
66 </li>
67 </ul>
68 </div><!-- /.navbar-collapse -->
69 </div><!-- /.container-fluid -->
70 </nav>
71 </header>
72

```

Footer Creating page :

```

index.php x specialist.php x aboutcancer.php x header.php x footer.php x airambulance.php x dbcon.php x
1 <footer>
2     <div class="container">
3         <div class="row text-center">
4             <div class="col-lg-4 col-md-4 col-sm-4 col-xs-12">
5                 <ul class="menu">
6                     <span>Links</span>
7                     <li>
8                         <a href="Specialist.php">Cancer Specialists</a>
9                     </li>
10                    <li>
11                        <a href="research.php">Cancer Research</a>
12                    </li>
13                    <li>
14                        <a href="emergency.php">Emergency</a>
15                    </li>
16                    <li>
17                        <a href="medicinestore.php">Medicine Store</a>
18                    </li>
19                </ul>
20            </div>
21
22            <div class="col-lg-4 col-md-4 col-sm-4 col-xs-12">
23                <ul class="menu">
24                    <span>Menu</span>
25                    <li>
26                        <a href="index.php">Home</a>
27                    </li>
28                    <li>
29                        <a href="aboutcancer.php">About Cancer</a>
30                    </li>
31                    <li>
32                        <a href="findsupport.php">Find Support</a>
33                    </li>
34                    <li>
35                        <a href="faq.php">FAQ</a>
36                    </li>

```

```

34         <li>
35             <a href="faq.php">FAQ</a>
36         </li>
37     </ul>
38 </div>
39
40 <div class="col-lg-4 col-md-4 col-sm-4 col-xs-12">
41     <ul class="adress">
42         <span>Emergency Services</span>
43         <li>
44             <a href="emergency.php">Ambulance</a>
45         </li>
46
47         <li>
48             <a href="airambulance.php">Air Ambulance</a>
49         </li>
50
51         <li>
52             <a href="medicinestore.php">Medicine Store</a>
53         </li>
54     </ul>
55 </div>
56 </div>
57 </div>
58 <div class="footer_bottom" style="border-top: 2px solid #393939;">
59     <div class="container">
60         <div class="row">
61             <div class="col-lg-4">
62                 <div class="text-center" style="padding:10px 0px; color:#fff;">
63                     <i class="fa fa-copyright" aria-hidden="true"></i> CareCancer.net 2017
64                 </div>
65             </div>
66             <div class="col-lg-8" id="icons">
67                 <div class="col-lg-2 text-center">
68                     <a href="#"><i class="fa fa-facebook"></i></a>

```

```

59     <div class="container">
60         <div class="row">
61             <div class="col-lg-4">
62                 <div class="text-center" style="padding:10px 0px; color:#fff;">
63                     <i class="fa fa-copyright" aria-hidden="true"></i> CareCancer.net 2017
64                 </div>
65             </div>
66             <div class="col-lg-8" id="icons">
67                 <div class="col-lg-2 text-center">
68                     <a href="#"><i class="fa fa-facebook"></i></a>
69                 </div>
70                 <div class="col-lg-2 text-center">
71                     <a href="#"><i class="fa fa-github"></i></a>
72                 </div>
73                 <div class="col-lg-2 text-center">
74                     <a href="#"><i class="fa fa-google-plus"></i></a>
75                 </div>
76                 <div class="col-lg-2 text-center">
77                     <a href="#"><i class="fa fa-tumblr"></i></a>
78                 </div>
79                 <div class="col-lg-2 text-center">
80                     <a href="#"><i class="fa fa-linkedin"></i></a>
81                 </div>
82                 <div class="col-lg-2 text-center">
83                     <a href="#"><i class="fa fa-dropbox"></i></a>
84                 </div>
85             </div>
86         </div>
87     </div>
88 </div>
89 </footer>
90 <script type="text/javascript" src="js/jquery.min.js"></script>
91 <script src="js/bootstrap.min.js"></script>
92 <script type="text/javascript" src="js/owl-carousel/owl.carousel.min.js"></script>
93 </body>

```

Database Connection page :

```

1  <?php
2
3      $DB_host = "localhost";
4      $DB_user = "root";
5      $DB_pass = "";
6      $DB_name = "cure_cancer";
7
8      $MySQLiconn = new MySQLi($DB_host,$DB_user,$DB_pass,$DB_name);
9
10     if($MySQLiconn->connect_errno)
11     {
12         die("ERROR : -> ".$MySQLiconn->connect_error);
13     }
14
15     ?>

```

Specialists Page creating:

```

1  <?php require_once 'header.php' ?>
2
3  <section class="container">
4      <table class="table table-responsive table-bordered">
5          <tr>
6              <th>NAME</th>
7              <th>QUALIFICATION</th>
8              <th>DESIGNATION</th>
9              <th>CONTACT INFO</th>
10             <th>CHAMBER</th>
11             <th>LOCATION</th>
12         </tr>
13
14         <tr>
15             <td>Dr. A K M Hamidur Rahman</td>
16             <td>MBBS, DMRT</td>
17             <td>Associate Professor</td>
18             <td>+880-2-9128835-7, 9126625-6, Cell: +880 1717351631( Chamber )</td>
19             <td>Ibn Sina Diagnostic & Imaging Cente</td>
20             <td>House # 48, Road # 9/A, Dhanmondi, SATmasjid Road, Dhaka - 1209, Bangladesh</td>
21         </tr>
22
23         <tr>
24             <td>Professor Dr. A.B.M.F. Karim</td>
25             <td>MBBS, FRCR, PhD</td>
26             <td>Professor & Chairman</td>
27             <td>9676161, 9664028, 966402</td>
28             <td>Japan Bangladesh Friednship Hospital</td>
29             <td>55, Satmasjid Road ( Zigatola Bus Stand ), Dhanmondi, Dhaka - 1209, Bangladesh</td>
30         </tr>
31
32         <tr>
33             <td>Dr. Ehteshamul Haque</td>
34             <td>MBBS, BCS ( Health ), M.Phil(Radiotherapy)</td>
35             <td>Cancer Specialist</td>
36             <td>811852</td>
37             <td>Ahsania Mission Cancer & General Hospital</td>
38             <td>Plot no - M-1/C, Section - 14, Mirpur, Dhaka-1216</td>
39         </tr>
40     </table>
41 </section>

```

38	
39	<tr>
40	<td>Dr. Ishtiaq Ahmed shamim</td>
41	<td>MBBS (Dhaka) ,Ph.D (Japan)</td>
42	<td>Assistant Professor</td>
43	<td>8143437, 8143166, 8143167, 9124436</td>
44	<td>Bangabandhu Sheikh Mujib Medical University (BSMMU)</td>
45	<td>1/8, Block-E, Lalmatia, Satmosjid Road, Mohammadpur</td>
46	</tr>
47	<tr>
48	<td>Dr. Lutfun Naher</td>
49	<td>MBBS, M Phil (Radiotherapy)</td>
50	<td>Assistant Professor</td>
51	<td>+880-2-8017151-52, 8031378-7</td>
52	<td>Delta Medical College & Hospital</td>
53	<td>26/2, Principal Abul Kashem Road, Mirpur-1, Dhaka- 1212, Bangladesh</td>
54	</tr>
55	
56	<tr>
57	<td>Dr. M A Hashem</td>
58	<td>MBBS, FCPS</td>
59	<td>Associate Professor</td>
60	<td>+880 1711106136</td>
61	<td>Green View Clinic</td>
62	<td>25/3, Green Road, Dhaka, Bangladesh</td>
63	</tr>
64	<tr>
65	<td>Dr. (Lt. Col) M S Sarwar Alam</td>
66	<td>MBBS, DMRT, FCPS, OJT-LiNAC (German)</td>
67	<td>Consultant</td>
68	<td>+880-2-8017151-52, 8031378-79</td>
69	<td>Delta Medical College & Hospital</td>
70	<td>26/2, Principal Abul Kashem Road, Mirpur-1, Dhaka- 1212, Bangladesh</td>
71	</tr>
72	<tr>
73	<td>Dr. Masuda Begum</td>
74	<td>MBBS, FCPS</td>
75	<td>Associate professor, Department of Hematology</td>
76	<td>+ 880-2-9660016-19, 8624514-18</td>
77	<td>Bangabandhu Sheikh Mujib Medical University (BSMMU), shahbag (chamber: Central Hospital Limited)
78	<td>House # 5, Road # 2, Dhaka - 1205, Bangladesh</td>
79	</tr>
80	<tr>
81	<td>Dr. Sheikh Golam Mostafa</td>
82	<td>MBBS, FCPS, GTC (Japan, France)</td>
83	<td>Consultant</td>
84	<td>+8809122689</td>
85	<td>Ayesha Memorial Hospital</td>
86	<td>New Airport Road, Mohakhali, Dhaka, Bangladesh</td>
87	</tr>
88	<tr>
89	<td>Dr. Md. Mizanur Rahman</td>
90	<td>MBBS, FCPS</td>
91	<td>Consultant</td>
92	<td>+8808932430</td>
93	<td>uttaracrescenthospital</td>
94	<td>Road-15, Sector-3, Rabindra Sarani, Uttara, Dhaka</td>
95	</tr>
96	<tr>
97	<td>Professor Dr. Syed Md. Akram Hossain</td>
98	<td>MBBS, FCPS, FRCP (UK) FACP (USA) MPH
99	Fellow WHO (Medical & Radiation Oncology)
100	TATA Memorial Hospital, Mumbai
101	National Cancer Centre, Singapore

95	</tr>
96	<tr>
97	<td>Professor Dr. Syed Md. Akram Hossain</td>
98	<td>MBBS, FCPS, FRCP(UK) FACP(USA) MPH
99	Fellow WHO (Medical & Radiation Oncology)
100	TATA Memorial Hospital, Mumbai
101	National Cancer Centre, Singapore
102	KOICA Fellow-Korea Cancer Centre, South Korea
103	Princess Margaret Cancer Centre, Canada</td>
104	<td>Medical & Radiation Oncology Specialist
105	Professor & Founder Chairman, Oncology Department
106	Bangabandhu Sheikh Mujib Medical University (BSMMU) </td>
107	<td> +8802-8144400-9, 01611594747</td>
108	<td>Square Hospital Ltd</td>
109	<td>18/F West , Bir Uttam Qazi, Nuruzzaman Road, Panthapath, Dhaka 1205, Bangladesh</td>
110	</tr>
111	<tr>
112	<td>Professor Dr. Md. Hafizur Rahaman Ansary</td>
113	<td>MBBS, DMRT
114	Ex-Professor & Director
115	National Institute of Cancer Research Hospital
116	Ex-Professor
117	Dhaka Medical College Hospital</td>
118	<td>Senior Consultant
119	Expertise : Medical Oncology</td>
120	<td>+880-2-8401661, 8845242, Cell: +880 1841276556, Hotline: 10678</td>
121	<td> Apollo Hospitals Dhaka</td>
122	<td>Plot # 81, Block # E, Basudhara R/A, Dhaka - 1229</td>
123	</tr>
124	<tr>
125	<td>Professor Dr. Sarwar Alam
126	</td>
127	<td>MBBS, DIH (DU), MPhil (Oncology)
128	</td>
129	<td>Cancer - Oncology Specialist
130	Professor & Chairman, Oncology Department
131	<td>Plot # 81, Block # E, Basudhara R/A, Dhaka - 1229</td>
132	</tr>
133	<tr>
134	<td>Professor Dr. Sarwar Alam
135	</td>
136	<td>MBBS, DIH (DU), MPhil (Oncology)
137	</td>
138	<td>Cancer - Oncology Specialist
139	Professor & Chairman, Oncology Department
140	Bangabandhu Sheikh Mujib Medical University (BSMMU)</td>
141	<td>+880-2-9145786, 9137076, 01819494530</td>
142	<td>Health & Hope Hospital Ltd.</td>
143	<td>152/1-H, Green Road, Panthapath, Dhaka - 1205, Bangladesh
144	</td>
145	</tr>
146	<tr>
147	<td>Professor Dr. Lt. Col. Md. Mofazzel Hossain
148	</td>
149	<td>MBBS, FCPS (Med.), FACP (USA), FRCP (Edin)
150	</td>
151	<td>Cancer - Oncology Specialist
152	Professor & Head, Department of Oncology
153	Bangladesh Medical College & Hospital - Dhanmondi, Dhaka</td>
154	<td>+ 880-2-9676356, 8610793-8
155	</td>
156	<td>Labaid Specialized Hospital</td>
157	<td>House # 6, Road # 4, Dhanmondi, Dhaka - 1205</td>
158	</tr>
159	<tr>
160	<td>Professor Dr. Md. Moarrar Hossen</td>
161	<td>MBBS, DMRT, FCPS(RadioTherapy), Fellowship Training(India)</td>
162	<td>Designation :Consultant
163	Expertise : Medical Oncology</td>
164	<td>+880-2-8401661, 8845242, Cell: +880 1841276556, Hotline: 10678
165	</td>
166	<td>Apollo Hospitals Dhaka</td>

161	<tr>
162	<td>Professor Dr. Parveen Shahida Akhter</td>
163	<td>MBBS, FCPS</td>
164	<td>Cancer - Oncology Specialist
165	Professor
166	National Institute of Cancer Research & Hospital</td>
167	<td>+880-2-8143312, 8143437, 8143166, 8143167, 9124436, Mobile - 01711622788</td>
168	<td> City Hospital Ltd</td>
169	<td>1/8, Block-E, Lalmatia, Satmasjid Road, Mohammadpur, Dhaka - 1207, Bangladesh</td>
170	</tr>
171	<tr>
172	<td>Professor Dr. A.B.M.F. Karim</td>
173	<td>MBBS, FRCR, PhD</td>
174	<td>Cancer - Oncology Specialist
175	Professor & Chairman
176	Oncology Club & Editorial Board of Cancer Control Journal</td>
177	<td>+880-2-9672277, 9676161, 9664028, 9664029</td>
178	<td>Japan Bangladesh Friednship Hospital</td>
179	<td>55, Satmasjid Road (Zigatola Bus Stand), Dhanmondi, Dhaka - 1209, Bangladesh</td>
180	</tr>
181	<tr>
182	<td>Dr. Md. Zillur Rahman Bhuiyan
183	</td>
184	<td></td>
185	<td>Cancer - Oncology Specialist
186	Associate Professor
187	Department of Oncology,
188	Bangabandhu Sheikh Mujib Medical University, Shahbag, Dhaka.</td>
189	<td>029660015-19 Ext-4435, Mobile # 8801711565114</td>
190	<td>Central Hospital Ltd ,</td>
191	<td>Road #05, House #02, 3rd Floor.</td>
192	</tr>
193	<tr>
194	<td>Dr. Zafor Md. Masud</td>
195	<td>MBBS, M.Phil, FCPS</td>
196	<td>Cancer - Oncology Specialist

197	Associate Professor
198	Bangladesh Medical College & Hospital</td>
199	<td>Phone: +880-2-9128835-7, 9126625-6, Cell: +880 1717351631, +880 1913568759 (Chamber) </td>
200	<td> Ibn Sina Diagnostic & Imaging Center</td>
201	<td>House # 48, Road # 9/A, Dhanmondi, Satmasjid Road, Dhaka - 1209, Bangladesh</td>
202	</tr>
203	<tr>
204	<td>Dr. Zafor Md. Masud</td>
205	<td>MBBS, M.Phil, FCPS</td>
206	<td>Cancer - Oncology Specialist
207	Associate Professor
208	Bangladesh Medical College & Hospital</td>
209	<td> +880-2-9128835-7, 9126625-6, Cell: +880 1717351631, +880 1913568759 (Chamber) </td>
210	<td>Ibn Sina Diagnostic & Imaging Center</td>
211	
212	<td>House # 48, Road # 9/A, Dhanmondi, Satmasjid Road, Dhaka - 1209, Bangladesh
213	</td>
214	</tr>
215	<tr>
216	<td>Dr. Masuda Begum</td>
217	<td>MBBS, FCPS</td>
218	<td>Cancer - Oncology Specialist
219	Associate professor, Department of Hematology
220	Bangabandhu Sheikh Mujib Medical University (BSMMU), Shahbagh, Dhaka</td>
221	<td>+ 880-2-9660016-19, 8624514-18 (Chamber) </td>
222	<td>Central Hospital Limited</td>
223	<td>House # 5, Road # 2, Dhaka - 1205, Bangladesh</td>
224	</tr>
225	<tr>
226	<td>Dr. M A Hashem</td>
227	<td>MBBS, FCPS</td>
228	<td>Cancer - Oncology Specialist
229	Associate Professor
230	Sir Salimullah Medical College & Hospital</td>
231	<td>+880 1711106136 +880-2-8610313 </td>

233	<td>25/3, Green Road, Dhaka, Bangladesh</td>
234	</tr>
235	<tr>
236	<td>Dr. A K M Hamidur Rahman</td>
237	<td>MBBS, DMRT</td>
238	<td>Cancer - Oncology Specialist
239	Associate Professor</td>
240	<td> +880-2-9128835-7, 9126625-6, Cell: +880 1717351631(Chamber)</td>
241	<td>Ibn Sina Diagnostic & Imaging Center</td>
242	<td>House # 48, Road # 9/A, Dhanmondi, SATmasjid Road, Dhaka - 1209, Bangladesh</td>
243	</tr>
244	<tr>
245	<td>Dr. Biswajit Bhattacharjee</td>
246	<td>MBBS, M.Phil(RadioTherapy), Clinical Fellowship in Oncology(India)</td>
247	<td>Designation : Consultant
248	Expertise : Medical Oncology
249	Organization: Apollo Hospitals Dhaka</td>
250	<td>+880-2-8401661, 8845242, Cell: +880 1841276556, Hotline: 10678
251	</td>
252	<td>Apollo Hospitals Dhaka</td>
253	<td>Plot # 81, Block # E, Basudhara R/A, Dhaka - 1229</td>
254	</tr>
255	<tr>
256	<td>Dr. Ashis Kumar Ghosh</td>
257	<td></td>
258	<td>Assistant Professor
259	Department of Paediatric Hematology and Oncology.
260	National Institute of Cancer Research and Hospital. Mohakhali. Dhaka.
261	Designation : Assistant Professor
262	Expertise :paediatric Hematology (childhood anorexia, unknowable pallor, inadequate weight gain,
263	<td>9020378. 01975664433.
264	</td>
265	<td>Padma Path</td>
266	<td>7 Darusalam Road. Mirpur -1</td>
267	</tr>
268	<tr>

269	<td>Dr. Zebunnesa Yasmin</td>
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271	<td>Cancer - Oncology Specialist
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279	<tr>
280	<td>Dr. Tarit Kumar Samadder</td>
281	<td>MBBS, DMRT, TSF Fellow (Japan)</td>
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283	Assistant Professor
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290	<tr>
291	<td>Dr. Naheed Rukhsana</td>
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293	</td>
294	<td>Cancer - Oncology Specialist
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297	<td>+880-2-8017151-52, 8031378-79
298	</td>
299	<td>Delta Medical College & Hospital</td>
300	<td>26/2, Principal Abul Kashem Road, Mirpur-1, Dhaka- 1212, Bangladesh</td>
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302	<tr>
303	<td>Dr. MD. Ehteshamul huq</td>
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305	<td>Cancer - Oncology Specialist
306	Assistant Professor</td>
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308	</td>
309	<td>City Hospital Ltd.</td>
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312	<tr>
313	<td>Dr. Md. Abul Ahsan (Didar </td>
314	<td>MBBS, MPH, MD (Radiotherapy</td>
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316	Assistant Professor
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319	</td>
320	<td>Japan Bangladesh Friednship Hospital</td>
321	<td>55, Satmasjid Road (Zigatola Bus Stand), Dhanmondi, Dhaka - 1209, Bangladesh</td>
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323	<tr>
324	<td>Dr. Lutfun Naher</td>
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327	Assistant Professor
328	Organization: Delta Medical College & Hospital</td>
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331	<td>Delta Medical College & Hospital</td>
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333	</tr>
334	<tr>
335	<td>Dr. A F M Anowar Hossain</td>
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337	<td>Assistant Professor
338	Expertise : Surgical Oncology
339	Organization: National Cancer Institute & Hospital, Dhaka</td>
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347	<td>Dr. Ranada Prasad Roy</td>
348	<td>MBBS, MPhil(Radiotherapy) BSMU
349	Advanced training on Radiation Oncology, INDIA.
350	IAEA Fellowship training on IMRT, PHILIPPINES.
351	Paper presented on FARO meeting, JAPAN</td>
352	<td>RS (RADIATION ONCOLOGY)
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356	</td>
357	<td>ALOK HEALTH CARE</td>
358	<td>MIRPUR -10, DHAKA.</td>
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360	<tr>
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362	<td>MBBS, DCH, FCPS (Ped),OJT-Ped. Oncology (Tata Medical Center, India)</td>
363	<td>Cancer - Oncology Specialist</td>
364	<td>01712933451</td>
365	<td>CMH, Dhaka</td>
366	<td>Dhaka Cantonment</td>
367	</tr>
368	<tr>
369	<td>Dr. Md. Rezaul Sharif</td>
370	<td> MBBS, M Phil (Radiotherapy)</td>
371	<td>Cancer - Oncology Specialist
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The End