



An Internship Report
On
Web Application on
E-Care Appointment System

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Under the Guidance of

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In partial fulfillment of the requirements for the
Degree of Bachelor of Science in Computer Science Engineering
from the Department of Computer Science and Engineering

January 20, 2021

Attestation

I certify that this report is my own work, based on my personal work by me during my Internship. And that I have acknowledged all material and sources used in this report.

I also certify that this report has not previously been submitted for assessment in any other unit and that I have not plagiarized the work of other students or persons.

However, following the internationally accepted academic guideline of using others written work and/or software (in the form of code) in my University project is properly cited if used in any part of this work.

Signature:

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Name:

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Evaluation Committee

Signature:

Name:

Supervisor:

Signature:

Name:

Internal Supervisor:

Signature:

Name:

External Supervisor:

Signature:

Name:

Convener:

Letter of Transmittal

January 20, 2021

Md. Abu Sayed

Internship Supervisor and Lecturer,
Department of Computer Science and Engineering,
Independent University, Bangladesh.

Subject: Submission of Internship Report.

Dear Sir,

This internship course requires me to join a company in a department of my field of line which is Computer Science. This internship gave me the chance to work for real world clients by joining a software company. I joined as an intern in a software company. It allowed me to gain first-hand experience of working in a company, attend business meetings, talking to clients, planning, gathering requirement analysis, designing and development, for them and not for some project of my own. Hence, this experience was challenging but crucial as well, to help me elevate my skills and confidence for me to be ready to pursue my career in this line.

The internship was of a 3 months period and the report has been mainly made about my overall learning and experiences from this course of time.

Sincerely Yours,

Rahul Banik

ID: 1531137

Acknowledgement

Foremost, I would like to express my sincere gratitude to my supervisor Md. Abdul Sayed for giving me this opportunity.

Secondly, I would like to thank my whole family who were always by my side. Because of their constant support I was able to come this far. Because of them, I was always motivated to do my best and aim for higher goals. I hope from here on out I can always do my best in life and make my family proud of me.

Beside them, I want to thank all of my friends who I grew up with. From IUB I want to thank all of my friends, classmates, seniors and juniors who were a great company to have. Also, I would like to appreciate all the help and support I got from my professors.

Finally, my gratitude goes to the company Ezze Technology Ltd, where I worked and my colleagues who supported me.

Abstract

E-Care is an arrangement framework built to urge all the specialist arrangements online. The framework employments persistent and specialist profiles basically. The understanding can see up the specialist they want to induce checked up and after that ask an arrangement. The specialist will see the list of demands from patients and act appropriately. The asked arrangement goes to the Specialist and Admin board where the Specialist or Admin will endorse the arrangement based on the accessible time of the Specialist. Too in this site Admin can make Clinic and Specialist accounts.

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Chapter 1

Introduction

1.1 Background

Within the time of an existing pandemic, people are confronting different shapes of troubles to preserve great wellbeing. There's a bigger populace, compared to prior times, who are awfully or somewhat wiped out. In these troubled times, it has gotten to be very an impediment for individuals to induce a straightforward arrangement with their wanted specialists since of the expanding populace of debilitated individuals. In expansion, the infectious COVID 19 has made traveling itself a challenge. Luckily, this issue can be easily illuminated by utilizing an approach known as the Arrangement Framework. The Arrangement Framework could be a framework that permits individuals to urge a doctor's arrangement online, from the consolation of their homes, disposing of the challenges of traveling.

1.2 Profile of Ezze Technology Limited

Though CyberBlaze Technologies is a startup company it has some departments for different types of work. As a startup company it has some basic departments such as HR, Business Development, Engineering, Security, Marketing department. CyberBlaze Technologies have a group of experts from different fields to make reliable products. Now to cope up with this rapid change, they are developing their organization through IT solutions to ensure the best possible solution.

1.2.1 Overview of Ezze Technology Limited

Ezze Technology Limited (ETL) formerly known as Ezze Technology was founded in 2012 by some young, assiduous and innovative Entrepreneur which basically deems to deal with the Information Technology and inventive solution. Md.Mofizur Rahman Tipu, Managing Director along with four other young Entrepreneur who are skilled with IT background by having smooth career pathway started their business with full of dreams that leads the organization to pick of success. ETL have experienced with various government projects such as Digital world, Power Week, learning and Earning Development project so on. It's also thinning out with some more start up brands like ITBAZAR.com.bd, Dhaka Live, Tortaza.com.bd so on.

1.2.2 Mission & Vision of Ezze Technology Limited

ETL offers web solutions which prove to be effective tools of marketing and ensure return on investments. We are devoted to give our customers affordable, custom based packages which surpass the expectation of the clientele. ETL's wide assortment of services for mobile applications and development make the transition of your company into the online world as smooth as possible. Our professional team constantly hones their skill to ensure that your company stay ahead in this competitive world.

1.3 Objective

Objective of the Appointment Framework is to form getting a doctor's arrangement less demanding for individuals. A person's wellbeing is unpredictable and may break down from zero to ten in an awfully brief time. Amid those times, it is imperative for the understanding to get a doctor's arrangement as quick as they can. The Appointment System points to supply straightforward, simple get to to doctor's arrangements for patients, from their zone of consolation. The foremost useful calculate of the Arrangement Framework is that, since it is an online-based framework, individuals can utilize it in their computers and phones, at any time. The framework permits patients to select from a number of specialists, based on their necessities. This, in turn, increments the likelihood of them getting the arrangement of their craved specialists, with exceptionally small or no time-loss.

1.4 Scope of the project

After developing this web application the features available for user and admin are:

1. User registration page
2. Admin, User, Doctor login page
3. Admin can manage User profile
4. Admin can manage Doctor profile
5. Admin can manage Hospital profile

6. Admin can check Appointment list
7. Admin can approve Appointment
8. Admin can create Doctor profile
9. Admin can create Hospital profile
10. User can request an Appointment with a doctor
11. User can check pending Appointment
12. Doctor can check the Appointment list
13. Doctor can approve Appointment

Chapter 2

Literature Review

2.1 Introduction

A writing audit may well be a learned paper that presents the show information in conjunction with substantive discoveries additionally as hypothetical and strategy commitments to a particular theme.

2.2 Related Works

Medicenter format is responsive and retina-ready, cleaned to a proficient degree of consideration to detail. It employs both boxed and full-width fashion and boundless color alternatives to customize with color conspiracy director. Offices, common organization and specialist posting are too included. QuanticaLabs created this layout. A specialist clinic site layout could be a awesome way to set up a dependable location on the Web. Ocularis Restorative HTML layout may be a great case. This format is created by ZEMEZ. It may be a culminate representation of eye clinic site formats. Other than, it is completely responsive. Other than being based on one of the foremost adaptable systems, its layout is additionally exceedingly instructive. It permits us to post any kind of substance approximately our therapeutic clinic. HOSPITAL may be a HTML layout for Wellbeing and Therapeutic websites. It may be a truly reasonable format for specialists, dental specialists, clinics, wellbeing clinics, specialists and therapeutic organizations. It is reason arranged plan, responsive I

Chapter 3

Methodology

Technique may be a framework of strategies that we utilize in a particular range of think about or action. Strategy is the nitty gritty strategies or framework utilized to distinguish, select, handle, and analyze data around a subject The site I have been allotted to work on is an Appointment management framework which is one of the foremost total and completely

multi utilitarian site. I have been doled out to work on to create the capacity for patients to enroll and ask an arrangement from the site.

3.1 Language Selection

- . Here I utilized bootstrap version 4. to create this page responsive so that the Client Interface and Client involvement gets way better. In bootstrap there are distinctive components which makes a difference me to include a few energetic functionalities. Here I took offer assistance from bootstrap documentation. PHP stands for Hypertext Preprocessor. This can be a server side scripting dialect that's embedded in HTML. By PHP I utilized to manage dynamic substance, databases. I overseen to limit clients to get to a few pages of this site utilizing PHP. That's why I utilized PHP for the back-end. As of now JavaScript is the world's popula

3.2 Implementation

Execution could be a coding portion of the venture. To create the program I utilize PHP System, JavaScript, inquiry, Bootstrap, HTML, CSS, PHP, MySQL, etc. To begin with I have executed HTML to form the skeleton of the extend. After that, to plan it I actualized CSS and made it responsive by applying Bootstrap. Separately I have used PHP, MySQL to put through the database. I utilized XAMPP, which may be a free, and open-source cross-platform web server key stack bundle developed by Apache Friends, comprising basically of the Apache HTTP Server, MySQL database, and mediators for scripts composed within the PHP. I worked through Nearby have, which could be a nearby server that permitted me to have my site online on a neighborhood IP that's unmistakable as it were in my framework, by interfacing to a web server like Apache Web Server. [2]

3.3 Design

A web designer works on the appearance, arrange and in a number of cases, substance of site . Appearance, for event, relates to the colors, literary fashion, and pictures utilized. Organize insinuates to how information is organized and categorized.

3.3.1 ERD (Entity Relationship Diagram)

This is the ER Diagram of this Project. In the following ER diagram we have seven entities.

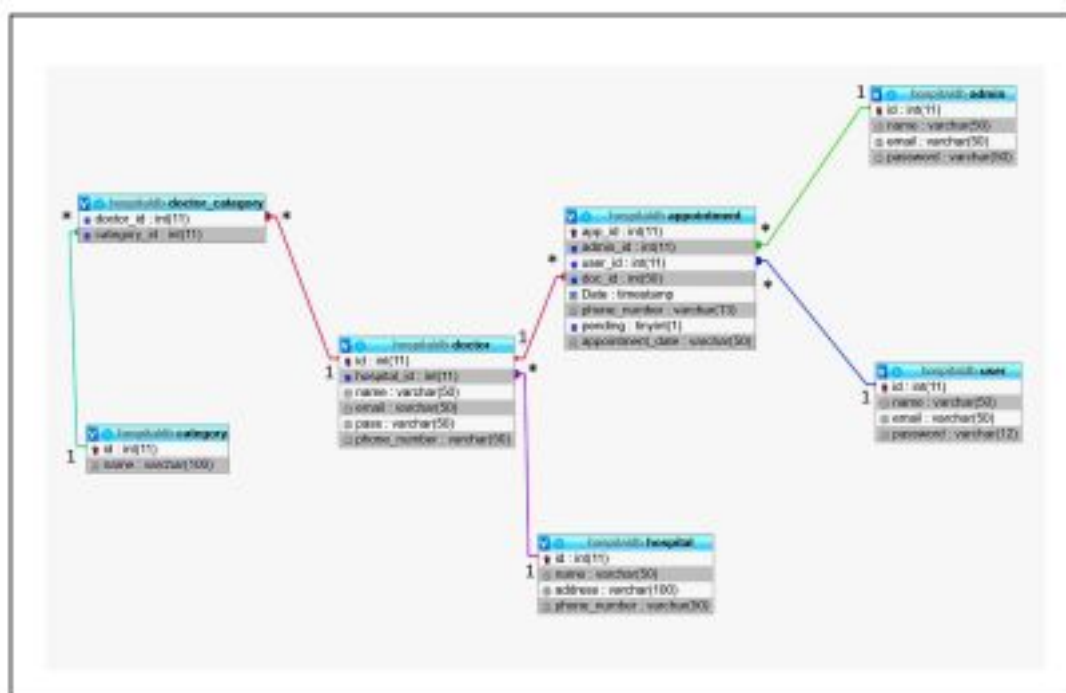


Figure 3.1: Entity Relationship Diagram

3.3.2 Use Case Diagram

Typically the utilize case chart shape Arrangement administration framework. There are two entertainers. Admin and client. This graph too appears that which entertainer can perform which movement.



Figure 3.2: Use Case Diagram for E-Care Appointment

3.3.3 Schema

This is the Schema of this Project. In the following Schema we have seven entities.

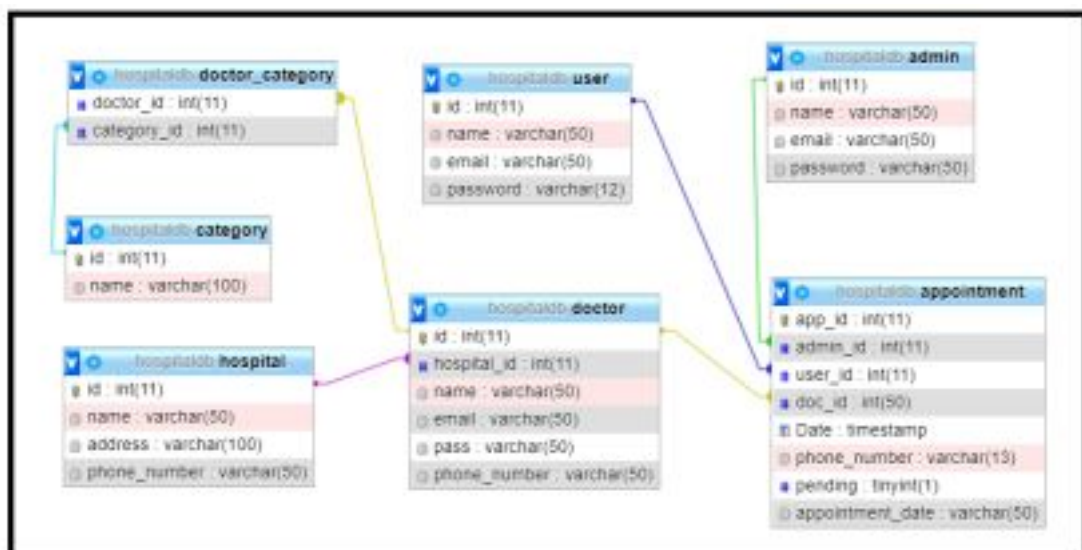


Figure 3.3: Schema of E-Care Appointment

3.4 Data Set

Information set could be a set of information depicting the substance, organize, and structure of a database and the relationship between its components, utilized to control get to and control of the database. The information word reference of this venture are given underneath.

Name	Data Type	Size	Remark
id	Int		"Id" is the primary key in this relation and it will auto increment.
name	Varchar	50	It will have the name of the user.
email	Varchar	50	It will have the email of the user.
password	Varchar	12	It will take password of the user.

Table 3.1: User Table.

Name	Data Type	Size	Remark
id	Int		"Id" is the primary key in this relation and it will auto increment.
name	Varchar	50	It will have the name of the admin.
email	Varchar	50	It will have the email of the admin.
password	Varchar	12	It will take password of the admin.

Table 3.2: Admin Table.

Name	Data Type	Size	Remark
id	Int		"Id" is the primary key in this relation and it will auto increment.
hospital_id	Varchar		It is the "id" of the hospital
name	Varchar	50	It will have the name of the doctor.
email	Varchar	50	It will take email of the doctor.
password	Varchar	50	It will take password of the doctor.
phone_number	Varchar	13	It will take phone number of the doctor.

Table 3.3: Doctor Table.

Name	Data Type	Size	Remark
id	Int		"Id" is the primary key in this relation and it will auto increment.
name	Varchar	50	It will have the name of the hospital.
address	Varchar	50	It will take address of the hospital.
phone_number	Varchar	13	It will take phone number of the hospital.

Table 3.4: Hospital Table.

Name	Data Type	Size	Remark
App_id	Int		"app id" is the primary key in this relation and it will auto increment.
admin_id	Int		It is the "id" of the admin
User_id	Int		"user id" will have the ID of the user who made the appointment.
Doc_id	Int		It is the "id" of the doctor
date	timestamp		It will have the requested date from the user
Phone_number	Varchar	13	It will take phone number of the user.
pending	tinyint		It is a flag which indicates whether the appointment is accepted or not
Appointment_date	Varchar	50	It is the issuing date by the admin

Articulate Wills

Table 3.5: Appointment Table.

Name	Data Type	Size	Remark
id	Int		"Id" is the primary key in this relation and it will auto increment.
name	Varchar	50	It will have the name of the category.

Table 3.6: Catagory Table.

Name	Data Type	Size	Remark
doctor_id	Int		It is the "id" of the doctor
category_id	Int		It is the "id" of the category

Table 3.7: Doctor Catagory Table.

Chapter 4

Project Management and Financing

4.1 Work Breakdown Structure (WBS)

A Work Breakdown Structure (WBS) may be a different leveled structure of things that the extend will make or comes about that it'll convey. We utilize the best down approach to seem Work Breakdown Structure (WBS). We made a WBS for this amplify. This will be strong for us to protect work quality and basic to synchronize the total venture.



Figure 4.1: Work Breakdown Structure for E-Care Appointment

4.2 Activity Wise Time Distribution

Work Breakdown Structure is collected where all the exercises are included. We endeavored to add up to these works in a time layout. Along working with a gather expand, supervising the time and working adjacent with gather people time arranging. This whole work is confined among the wander bunch. To protect this workflow transport time is evaluated is about 90 days for the venture.

Serial	Activity	Days	Work Percentage
1	Project Manager	7	10%
2	Front End Developer	28	30%
3	Back End Developer	33	30%
4	Testing Process	10	20%
5	Result and Analysis	7	5%
6	Deployment	5	5%
	Total	90	100%

Table 4.1: Time Distribution Table

4.3 Gantt Chart

Gantt Chart is chart in which a arrangement of flat lines appears the sum of work done or generation completed in certain periods of time in connection to the sum arranged for those periods. Work Breakdown Structure appears the sum of exercises and to total this exercises a certain time is required which is spoken to within the Gantt chart.

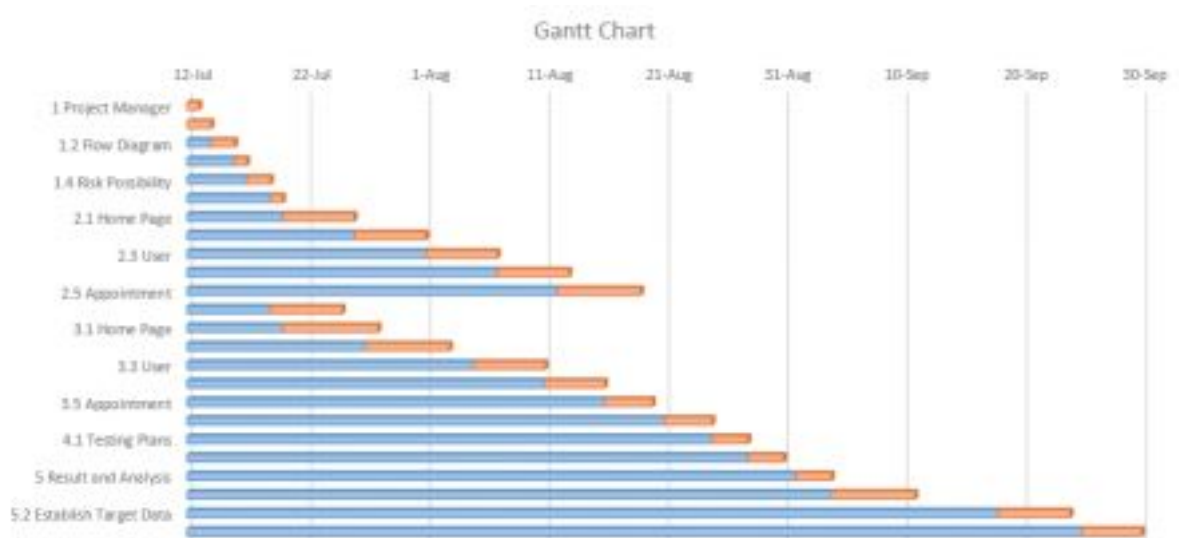


Figure 4.3: Gantt Chart of E-Care Appointment

4.4 Estimated Costing

The starting Evaluated Costing was around nearly 30,000 BDT. This is the approximate cost of the project. It can be expanded on the changes in the software and keeps up fetched.

Serial	Activity	Days	Costing
1	Project Manager	7	4,000 BDT
2	Front End Developer	28	7,500 BDT
3	Back End Developer	33	9,500 BDT
4	Testing Process	10	4,000 BDT
5	Result and Analysis	7	3,000 BDT
6	Deployment	5	2,000 BDT
	Total	90	30,000 BDT

Table 4.2: Time Distribution Table

Chapter 5

Body of The Project

5.1 Activities

E-Care Appointment has many activities. We are going to divide them into 3 parts. User Activities, Admin Activities and Doctor Activities. The Admin module is dependent on the User module and Doctor module.

5.1.1 User Activities

1. View Dashboard
2. Login and Logout from the account
3. Can request an Appointment
4. View pending Appointment
5. View Doctor list

5.1.1.1 Activity Diagram for User

This is the Activity Diagram for Users form E-Care Appointment. This Activity Diagram helps User to understand the activity by a flowchart.

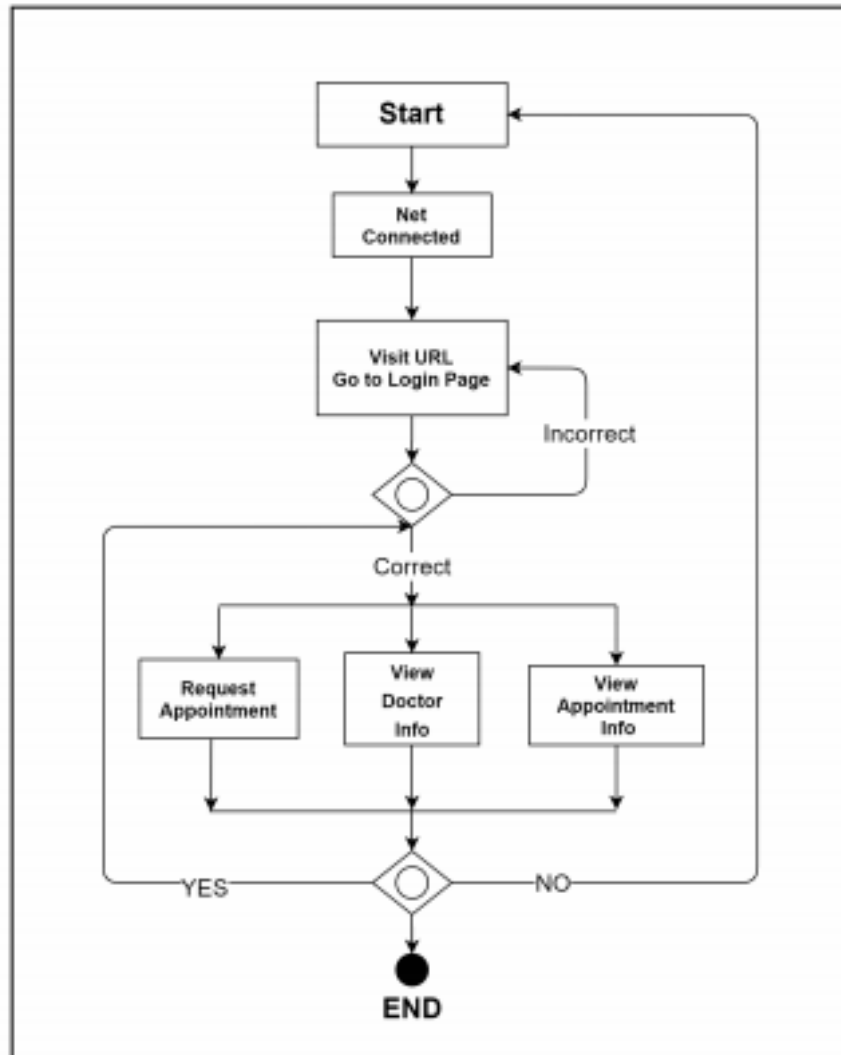


Figure 5.1: Activity Diagram for User

5.1.2 Admin Activities

1. View Dashboard
2. Login and Logout from the account.
3. View and edit User info
4. View and edit Doctor info
5. View and edit Hospital info
6. Approve Pending Appointment

7. Create Hospital account

8. Create Doctor account

5.1.2.1 Activity Diagram for Admin

This is the Activity Diagram for Admin form E-Care Appointment. This Activity Diagram helps Admin to understand the activity by flowchart.

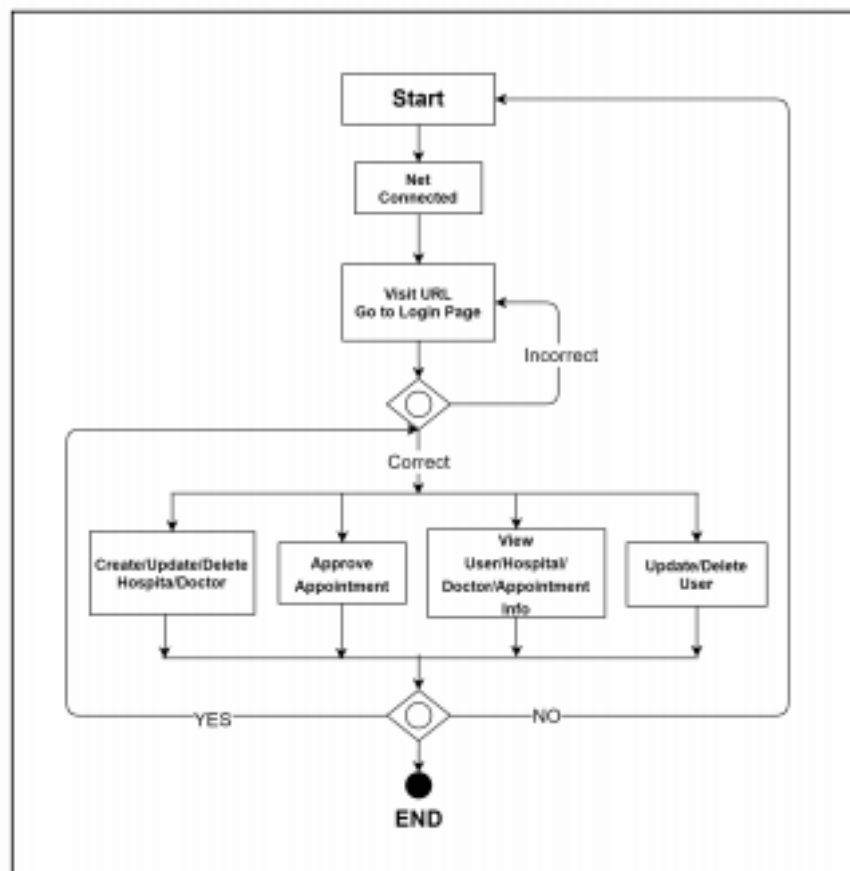


Figure 5.2: Activity Diagram for Admin

5.1.3 Doctor Activities

1. Login and Logout from the account.
2. View Appointment info
3. Approve Pending Appointment

5.1.3.1 Activity Diagram for Doctor

This is the Activity Diagram for the Doctor form E-Care Appointment. This Activity Diagram helps the Doctor to understand the activity by flowchart.

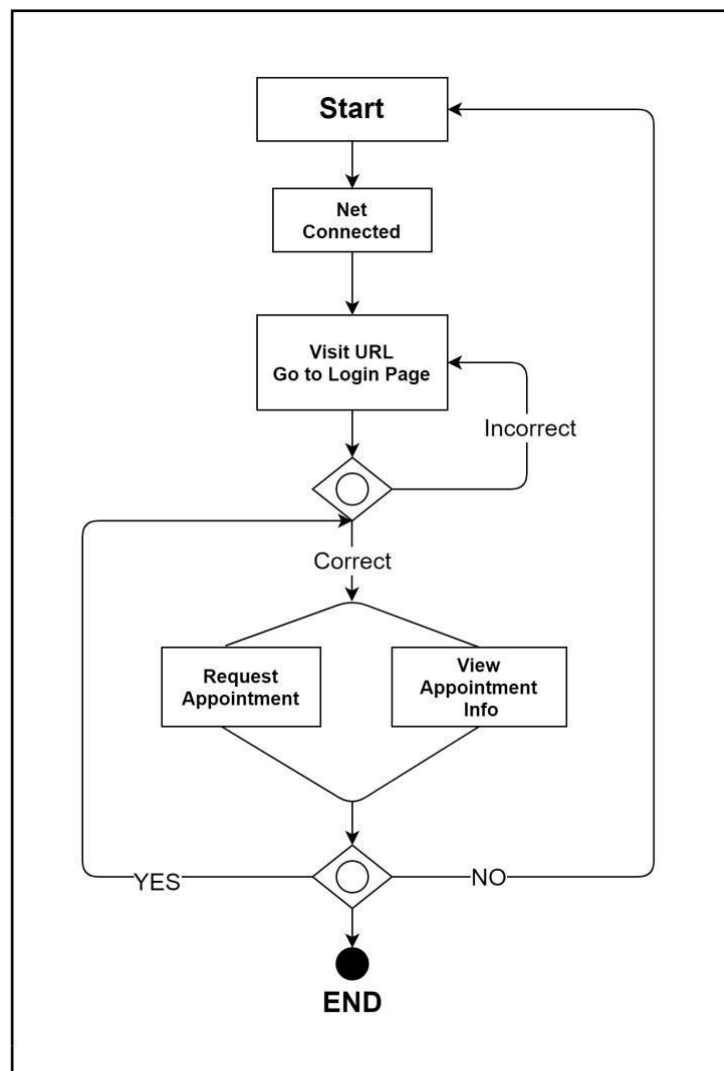


Figure 5.3: Activity Diagram for Doctor

5.2 System Analysis

5.2.1 Six Element Analysis

Process	Human	Non Com puting Hard ware	Com puting Hard ware	Software	Database	Conne c tivity
Registration	User	-	PC, Lapt op, Mobil e	Browser	PhpMyAdmin	Internet
Login	User, Admin, Doctor	-	PC, Lapt op, Mobil e	Browser	PhpMyAdmin	Internet
Create Hospital, Doctor	Admin	-	PC, Lapt op, Mobil e	Browser	PhpMyAdmin	Internet
View User, Doctor, Hospital, Appointment	Admin	-	PC, Lapt op, Mobil e	Browser	PhpMyAdmin	Internet
Edit/Delete User, Doctor, Hospital, Appointment	Admin	-	PC, Lapt op, Mobil e	Browser	PhpMyAdmin	Internet
Request Appointment	User	-	PC, Lapt op, Mobil e	Browser	PhpMyAdmin	Internet
Approve Appointment	Admin, Doctor	-	PC, Lapt op, Mobil	Browser	PhpMyAdmin	Internet

			e			
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Table 5.1: Six Element Analysis Table

5.2.2 Feasibility Analysis

The Feasibility Study is the test of the proposed framework within the light of its workability, assembly of the user's necessities, compelling utilize of assets and of course, cost-effectiveness. These are categorized as Technical, Operational, Financial, plan. The most objective of the achievability study isn't to unravel the issue but to attain the scope. Within the preparation of achievability consider, the fetched and benefits are assessed with more noteworthy precision to find the Return on Investment (ROI). This too characterizes the assets required to total the point by point examination. The result may be a possibility report submitted to the administration. This may be acknowledged with alterations or rejected.

1. Economic Feasibility : Economic Feasibility: In the software, Appointment related software's are expensive. Those who are in startup conditions cannot afford the software. They have to maintain their calculations store data manually. Our software is relatively cheap and other features are there like Inventory.
2. Operational Feasibility : Operational Feasibility: We have investigated many operators. They are using Microsoft Word and Excel to store all their data in a computer hard disk. It is very risky and lots of time-consuming.
3. Technical feasibility : Technical feasibility: CyberBlaze Technology is one of the reputed company. They have skilled technical experts to complete and maintain this project.

5.2.3 Problem Solution and Constraints Analysis

Problem	Analysis	Solution	Constraints
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Data loss	Anytime data can be lost for various reason (Virus attack, Hacker and Unfortunately system crash)	Database system is more secure also deleted and lost data easily restore any time.	Internet connectivity
Time Complexity	To excess to a specific information it requires a lot of time to find and compute, where time complexity takes place.	Database system is easily accessible and need less time.	Internet connectivity
Human error	User inputs invalid Username or Address	Everything is done automatically and stored in the database.	
Analysis the data	Some problem occurs due to fetching manually different information	Database system can collect all the data and it is very easy to analyses the data.	Internet connectivity
Steal Data	Anyone can steal the data or data can be stolen.	Database system is secured and no need to steal the data.	Hackers

Table 5.2: Problem Solution and Constraints Analysis Table

5.3 System Design

5.3.1 Rich Picture

A rich picture could be a drawing of a circumstance that illustrates the most elements and connections that have to be considered in attempting to intercede in arrange to form a few advancements. It comprises pictures, content, images and symbols, which are all utilized to demonstrate graphically the circumstance.

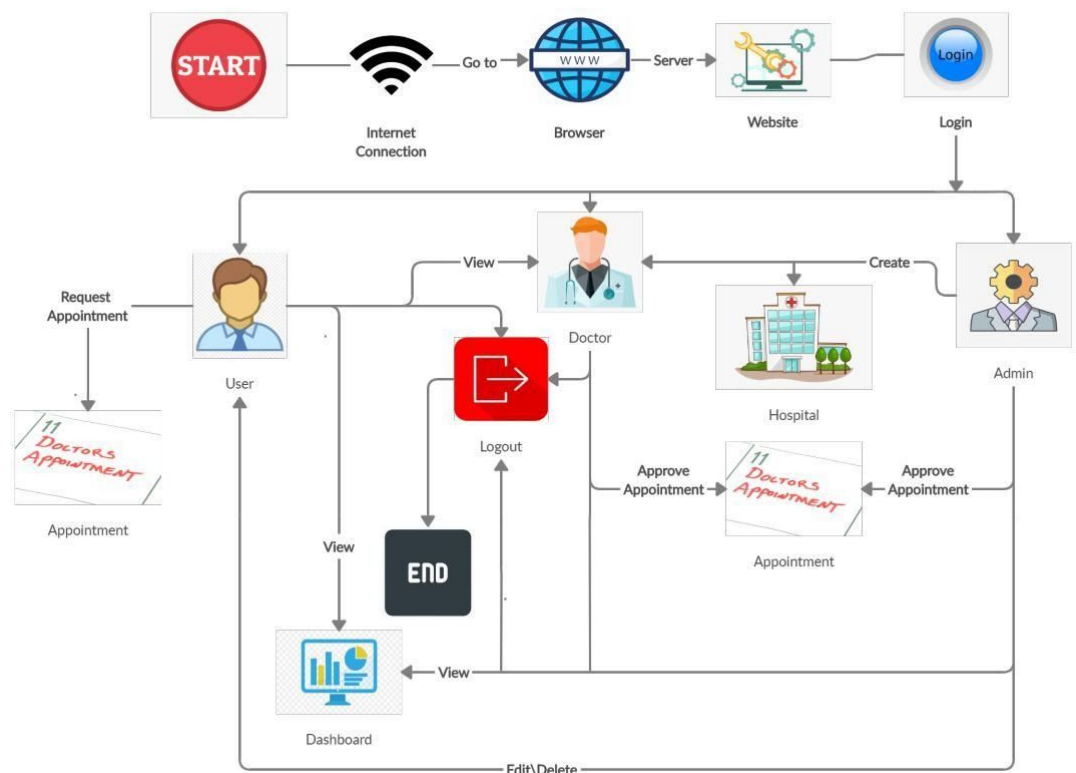


Figure 5.4: Rich picture of E-Care Appointment

5.3.1.1 Rich Picture for Admin

This is the rich picture for Admin from Appointment Management System. This rich picture helps to open discussion and understanding of a situation for

Admin.

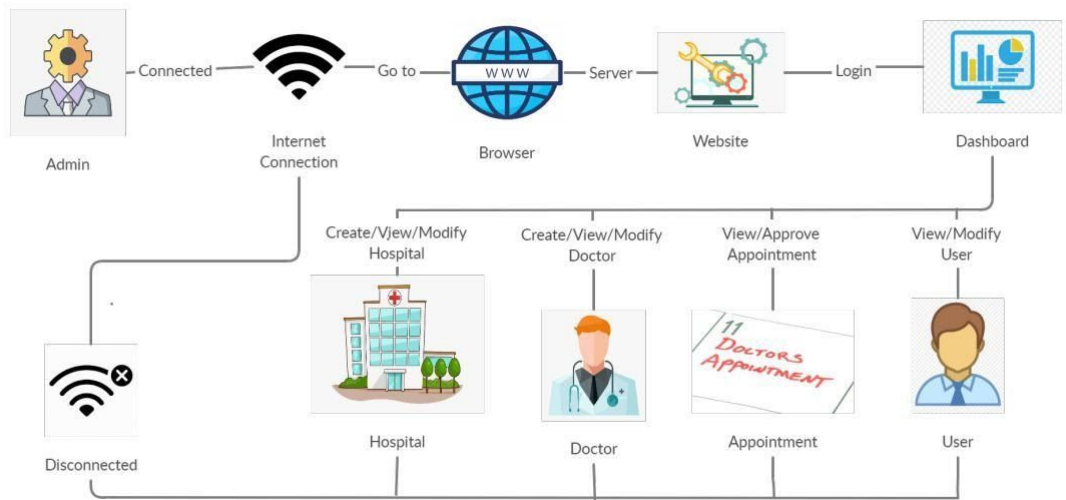


Figure 5.5: Rich picture for Admin

5.3.1.2 Rich Picture for User

This is the rich picture for registered User from Appointment Management System. This rich picture helps User to understand the work process.

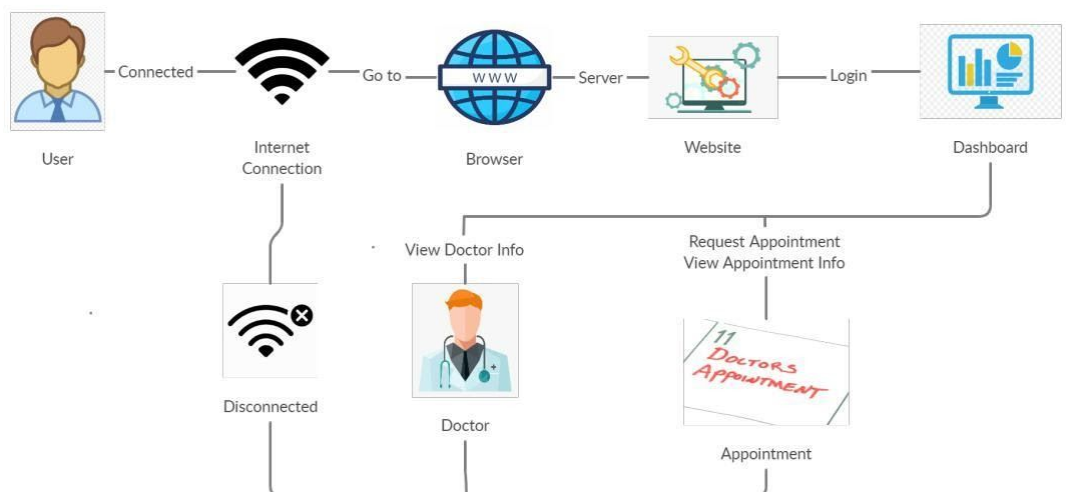


Figure 5.6: Rich picture for User

5.3.1.3 Rich Picture for Doctor

This is the rich picture for Doctor from Appointment Management System. This rich picture helps to open discussion and understanding of a situation for Doctor.

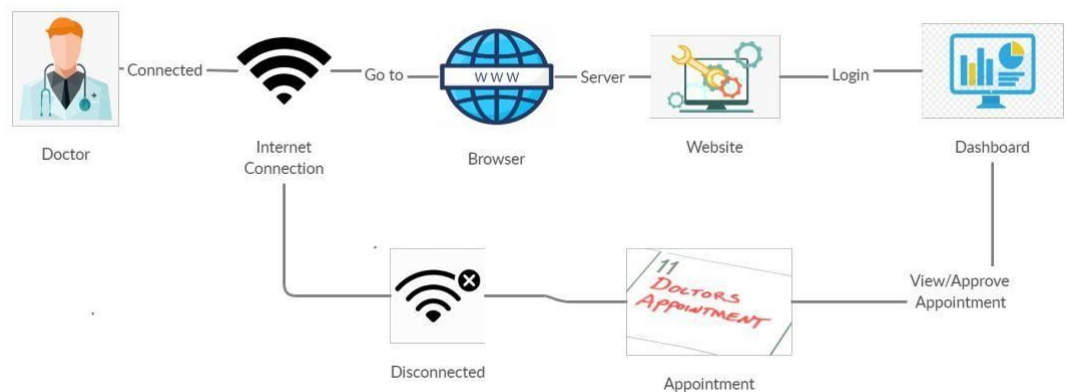


Figure 5.7: Rich picture for Doctor

5.4 Requirement Analysis

Requirements analysis involves all the tasks that are conducted to identify the needs of different stakeholders. Therefore, requirements analysis means analyzing, document, validate and manage software or system requirements. Great quality requirements are documented, actionable, measurable, testable, traceable, helps to identify business opportunities, and are defined to facilitate system design as well.

5.4.1 Functional Requirements

The functional requirement is that it essentially specifies something a system

should do. The Functional Requirements are the operations and activities that a system must be able to perform.

Function Name: Consistent with all devices		
Input: N/A	Process: Software must be created in a common Development Environment.	Output: This software will be accessible in every device.
Pre-Condition: User must have a computer or smart device with net connection.		
Post Condition: Only registered user can use this software.		
Alternative Options: N/A		

Table 5.3: Consistency Table

Function Name: Registration		
Input: Name, Email, Password	Process: User must fill up the form to register in the system.	Output: An account will be created of that username.
Pre-Condition: User must have a computer or smart device with net connection.		
Post Condition: User can login and observe activities.		
Alternative Options: If Email or Password are not valid then showing the alert		

Table 5.4: Registration Table

Function Name: Login		
Input: Email and Password	Process: Login User/Admin/Doctor interface.	Output: View User/Admin/Doctor interface in the website.
Pre-Condition: Must have a computer or smart device with net connection.		
Post Condition: User/Admin/Doctor can login and observe activities.		
Alternative Options: If Email or Password are not valid then showing the alert		

Table 5.5: Login Table

Function Name: Create Account		
Input: Admin ID and Password	Process: Logged in and get to the Hospital/Doctor form.	Output: A new Hospital/Doctor account will be created.
Pre-Condition: Admin must have a computer or smart device with net connection.		
Post Condition: The data will be upgraded in the database.		
Alternative Options: N/A		

Table 5.6: Create Account Table

Function Name: Modify Account		
Input: Admin ID and Password	Process: Logged in and get to the Edit/Delete button.	Output: The information will be edited or removed.
Pre-Condition: Admin must have a computer or smart device with net connection.		
Post Condition: The data will be upgraded in the database.		
Alternative Options: N/A		

Table 5.7: Modify Account Table

Function Name: Request Appointment		
Input: User ID and Password	Process: Fill up the required info and submit it.	Output: An Appointment will be generated.
Pre-Condition: User must have a computer or smart device with net connection.		
Post Condition: An Appointment is being requested.		
Alternative Options: N/A		

Table 5.8: Request Appointment Table

Function Name: Approve Pending Request		
Input: Admin/Doctor ID and Password	Process: Can approve pending request.	Output: Request approved.
Pre-Condition: Admin must have a computer or smart device with net connection.		
Post Condition: The pending request will be approved.		
Alternative Options: N/A		

Table 5.9: Approve Pending Request

5.4.2 Non-Functional Requirements

A non-functional requirement is a qualitative prerequisite for a project. A non functional the requirement specifies its qualities

1. Usability Requirements : This Admin and user can use this software very easily. We made this software so simple and easy. Users can understand the interface and procedure so simply.
2. Performance Requirements : One of the main reasons for this software is making the user experience the best performance. There are more software in this industry. However, if we cannot give better performance, we will lose our Clients. Therefore, we have to give the best performance to come to service at a cheap rate.
3. Security Requirements: Security is another issue. Many data that will be stored in our database like user information, admin information and appointment information. All information on the main software is secured. Only the Admin has access to the dashboard for the main

software.

4. Less Response Time: Users can reach this software immediately because of the speed of the server.
5. User-Friendly Interface: All the interface of this software is easy to comprehend, interactive and user friendly.

5.5 Project Feature

5.5.1 Home Page

This is the Landing page of this Project.



Figure 5.8: Home Page

5.5.2 Register Form

User can Register from this section.

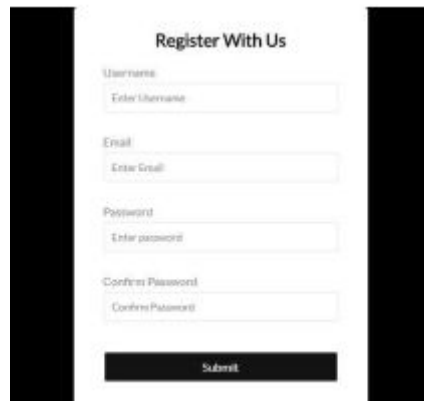
A registration form titled "Register With Us" is centered on a white background. It features four input fields: "Username" with placeholder text "Enter Username", "Email" with placeholder text "Enter Email", "Password" with placeholder text "Enter password", and "Confirm Password" with placeholder text "Confirm Password". Below these fields is a black "Submit" button. The form is flanked by two vertical black bars.

Figure 5.10: Register Form

5.5.3 User Login

This page is for User Login.

A user login form is displayed on a dark teal background. At the top, the text "User Login" is shown in a light blue font. Below it is a white icon of an arrow pointing right into a square box. The form includes two input fields: "Username" and "Password". Below the password field is a checkbox labeled "Remember Me" which is checked. At the bottom of the form is a light blue "Send" button.

Figure 5.12: User Login Page

5.5.4 Admin Login

Admin can Login from this page.

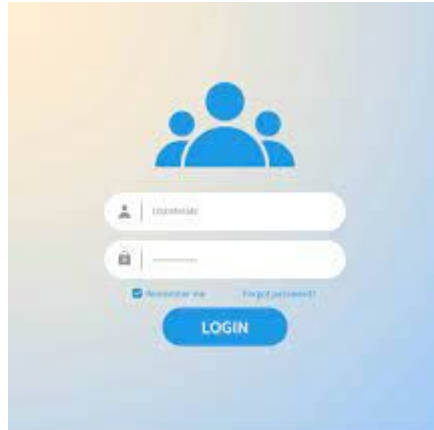


Figure 5.13: Admin Login Page

5.5.5 Doctor Login

This is the Doctor Login page.

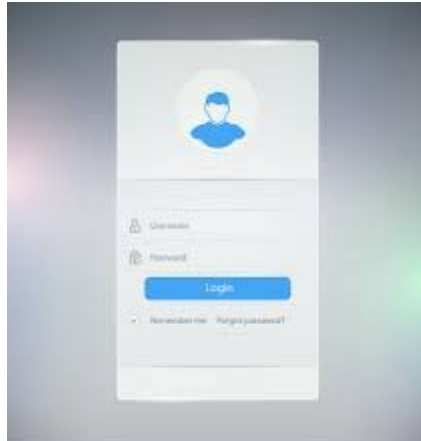


Figure 5.14: Doctor Login Page

5.5.6 Request Appointment

User can Request for an Appointment by filling up this form.

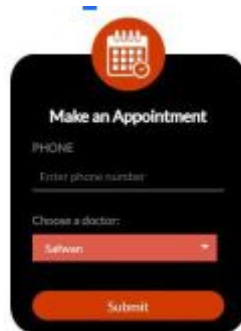


Figure 5.15: Request Appointment Page

5.5.7 Approve Appointment

Doctor and Admin can Approve Appointment of the User from this page.

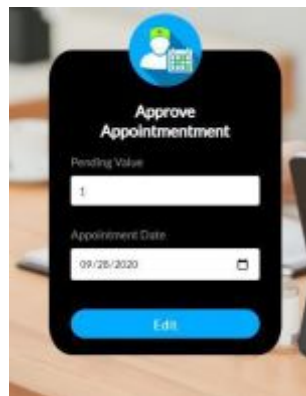


Figure 5.16: Approve Appointment Page

5.5.8 User Info

User info table is about User details.

User Info				
ID	Name	Email	Edit	Delete
34	Samsul123	samsul@gmail.com	<button>Edit</button>	<button>Delete</button>
35	Salekin	salekin@gmail.com	<button>Edit</button>	<button>Delete</button>
36	Islam	Islam@gmail.com	<button>Edit</button>	<button>Delete</button>

Figure 5.17: User Info Table

5.5.9 Appointment Info

Appointment info table is about Appointment details.

Appointment Info								
ID	Patient Name	Phone Number	Pending Status	Requested Date	Appointment	Doctor Name	Edit	Delete
8	Salekin	01673004332	1	2020-10-06 01:45:58	2020-09-30	Safwan	Edit	Delete
9	Samsul123	01673004332	1	2020-10-06 01:26:15	2020-09-28	Zahid	Edit	Delete
13	Islam	01673004332	1	2020-10-06 01:48:05	2020-10-13	Samin	Edit	Delete
18	Islam	01682468467	1	2020-10-06 13:10:04	2020-10-26	Samin	Edit	Delete

Figure 5.18: Appointment Info Table

5.5.10 Doctor Info

This is the Doctor's details table.

Doctor Info					
ID	Name	Hospital Name	Email	Edit	Delete
1	Safwan	Anwer khan mordern hospital	safwan@gmail.com	Edit	Delete
2	Zahid	Apollo Hospital Dhaka	zahid@gmail.com	Edit	Delete
3	Rinkon	Labald Specialized Hospital	rinkon@gmail.com	Edit	Delete
4	Samin	Anwer khan mordern hospital	samin@gmail.com	Edit	Delete

Figure 5.19: Doctor Info

5.5.11 Hospital Info

Only Admin has access to this table which is basically the details of the Hospital.

Hospital Info					
ID	Name	Phone number	Address	Edit	Delete
1	Anwar Khan Modern Hospital	+88-02-9670295	House: # 17,Road # 8,Dhanmondi R/A, Dhaka-1205.	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
2	Labaid Specialized Hospital	+88 02 9676356	House- 06, Road-04, Dhanmondi Dhaka-1205.	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
3	Apollo Hospital Dhaka	+880-2-8401661	Plot # 81, Block # E, Basundhara R/A, Dhaka-1229.	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>

Figure 5.20: Hospital Info Table

Chapter 6

Result and Test Analysis

Testing is a procedure to check whether the actual software product matches probable requirements and to make sure that the software product is flawless. The purpose of software testing is to detect errors, breaks or missing requirements in comparison to actual requirements.

6.1 Test Case

Test task name	Purpose	Precondition	Test Steps	Expected result	Actual Result	Status	Remarks
Admin Login	Check if the login is successfully done.	Admin must have a device like desktop, laptop, smartphone with net connection.	1) Validate the admin input email address & password. 2)Click to submit button	If Admin input correctly website will logged into the admin panel Otherwise show error message	Software will logged in successfully	Pass	No Remarks

Test task name	Purpose	Precondition	Test Steps	Expected result	Actual Result	Status	Remarks
User Registration	Check if the user registration is successfully.	User must have a device like desktop, laptop, smartphone with net connection.	1) Validate the user input email address & password. 2)Click to Registration button	If User input correctly the user will redirect into the admin panel Otherwise show error message	Software will logged in successfully	Pass	No Remarks

Table 6.1: Test Table for Admin login

Table 6.2: Test Table for User registration

Test task name	Purpose	Precondition	Test Steps	Expected result	Actual Result	Status	Remarks
User Login	Check if the login is successfully done.	User must have a device like desktop, laptop, smartphone with net connection.	1) Validate the user input email address & password. 2)Click to submit button	If User input correctly user will redirect into the user panel Otherwise show error message	Software will logged in successfully	Pass	No Remarks
Test task name	Purpose	Precondition	Test Steps	Expected result	Actual Result	Status	Remarks
Doctor Login	Check if the Doctor login is successfully done.	Doctor must have a device like desktop, laptop, smartphone with net connection.	1) Validate the doctor input email address & password. 2)Click to submit button	If Doctor input correctly website will logged into the doctor panel Otherwise show error message	Software will logged in successfully	Pass	No Remarks

Table 6.3: Test Table for User login

Table 6.4: Test Table for Doctor login

6.2 Results

For legitimizing test cases there were few bugs found whereas running the computer program. Recovering the information from the database, a few issues came up. But most of the cases the strategy runs easily. There was a few issue with responsiveness but after a couple of tests, the issue got settled. The most assignment of this extend is to form an arrangement and send it to the Admin or Specialist to urge endorsement. Luckily, this errand runs without any blemish. After getting the issues and bugs, I attempted to go over through all the issues and settle the code.

Chapter 7

Project as Engineering Problem Analysis

7.1 Sustainability of the Project

The utilize of versatile smartphones and the web, among all classes of individuals, have expanded radically in Bangladesh over the final decade. The development proposes that the utilize would increment indeed encourage within the future. Beginning from requesting nourishment to booking plane tickets – everything has ended up more digitized in their way. Considering such a alter within the social air, it is secure to say that the Appointment Framework is profoundly maintainable. It works similar to any other location or portable app. It is exceptionally likely that within the close future individuals would be more interested to meet their ordinary needs through online exercises and exchanges. The Arrangement Framework advocates for such a alter, securing its supportability.

7.2 Social and Environmental Effects and Analysis

The foremost vital impact of the Arrangement Framework on a social level is its time-saving quality. Time is invaluable and the degree to which the utilization of the Arrangement Framework spares time and bother is uncommon. On an individual level, the impact includes a incredible positive result. Collaboratively, it is outstanding. [3] As more individuals utilize the Arrangement Framework, it would cruel that a bigger parcel of the populace would be employing a digitalized framework

of getting name ments with the specialists. Huge scale utilize of a digitalized framework can be considered a advancement within the common social status to a few degree. Other than, the conta gious COVID 19 has made traveling itself a challenge. And the as it were remedy for this illness is social separating. Luckily, this issue can be effectively illuminated by utilizing an

approach known as the Arrangement Framework. The Arrangement Framework has a few impact on the environment as well. Stuffed places are a common sce nario in our nation. Online based Arrangement Framework

7.3 Addressing Ethics and Ethical Issues

The Arrangement Framework does not hold any moral danger. The patients are required to supply a few common data amid their enlistment. The pri vacy of the data is entirely kept up. Since it is an online-based framework, at the beginning organize, the Arrangement Framework may be more accessible to those who have way better get to to the web. Which would normally cruel that individuals with way better web get to would have higher chances of getting their specialist ap pointments. Be that as it may, the utilization of phones and the web has gotten to be common among all classes of individuals, and it is expanding exceptionally quick, recommending that the issue is very close to unimportant.

Chapter 8

Future Work and Conclusion

8.1 Future Work

For long-standing time overhaul, I have a few proposals to make strides the extend. The framework can be more user inviting and more energetic. For the way better client encounter and quicker reaction within the framework, they can alter the UI and UX plan and keep up it. The client involvement will get quicker.

8.2 Implication

In this report, I attempted my best to supply as much data as conceivable. The travel was not basic. There were numerous deterrents, new technologies that I have to be handle, however after overcoming each challenge I had found a unused potential inside myself. Two primary things that I have learned the significance of time administration and self-learning. The abilities I have accumulated are invaluable.

8.3 Recommendation

Presently innovation has changed and unused innovation implies a modern involvement. For this reason, new and youthful era representatives ought to be named in this office who are commonplace with the most recent innovation and education. Ought to utilize of viable administration data frameworks. And utilize fitting strategies in assessing client needs professionally. To convey quality benefit beat administration ought to attempt to relieve the crevice between the user's desires and the employee's recognition.

8.4 Conclusion

Amid my internship program at CyberBlaze Advances, it was an monstrous delight for me. In a nutshell, this internship has been an fabulous wand rewarding involvement. I can conclude that there has been a parcel I have learned from my work. Unnecessary to say, the specialized angles of the work I have done are not faultless and may well be moved forward sufficient tie.

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