INDEPENDENT UNIVERSITY, BANGLADESH

An Internship Report On

Web Application on

E-Commerce site

Submitted By

Ashraful Islam

ID – 1521335

Submitted By

Md. Mohammad Noor Nabi

Lecturer

Department of Computer Science and Engineering

Independent University, Bangladesh

25th January, 2021

Attestation

I confirm that this report is my own work, in light of my own work done by me during my Internship. That I have acknowledged all the material and sources utilized in this report.

I additionally confirm that this report has not recently been submitted for evaluation in some other unit and that I have not plagiarized the work of other students or persons.

However, following the internationally accepted academic guideline of using other's written work and additionally programming (as code) in my University project is appropriately referred to whenever utilized in any piece of this work.

Signature:

Name:

Evaluation Committee

Signature: ....

Name: ....

Supervisor: ....

Signature: ....

Name: ....

Internal Supervisor: ....

Signature: ....

Name: ....

External Supervisor: ....

Signature: ....

Name: ....

Convener:..

Letter of Transmittal

25st January, 2021

Mohammad Noor Nabi

Lecturer

Department of Computer Science and Engineering,

Independent University, Bangladesh.

Subject: Submission of Internship Report

Dear Sir,

This is a great pleasure for me to submit the final Internship Report titled "Web Application on E-commerce site" at Xen Tech Software company which is a requirement for my CSE499: Internship Program. While preparing this report, I tried my best to follow the instructions that you have given me. The entire report is based on Web Development and mobile apps and I have designed and built all the things that I have learned during the whole Internship process .This report endeavors my best to present all my experiences, learning, and outcome of my three months internship period at Xen Tech. I will be highly encouraged if you are kind enough to receive this report.

I also want to thank you for your support and patience with me and I would be glad if you accept this report and provide your precious judgment.

Sincerely Yours,

Ashraful Islam

ID:1521335

Acknowledgement

Initially, I want to communicate my most profound feeling of appreciation to Almighty ALLAH for enabling me the endurance and the ability to work hard. At that point, I might want to thank Independent University, Bangladesh for offering an Internship program for me.

It has been an extraordinary advantage to work for Xen Tech as an Intern. The Internship opportunity I had with Xen Tech was an incredible possibility for learning and expert development. Therefore, I consider myself as a lucky individual as I was provided with an opportunity to be a part of it. I am additionally thankful for getting an opportunity to meet so numerous brilliant individuals and experts who drove me all through this Internship period.

Secondly, I express my deep gratefulness to my supervisor Mohammad Noor Nabi, Lecturer, Department of Computer Science and Engineering, Independent University, Bangladesh, for his constant supervision, and directing me throughout the planning and writing of the report.

I perceive this opportunity as a big milestone in my career development. I will strive to use these gained skills and knowledge in the best possible At long last, I gladly recognize the extraordinary penances, great wishes, moral help, gainful guidance, motivations, and consolation from my relatives, family members, and companions during the Internship.

Abstract

I carried out my Internship at Xen tech, this Internship gave me a chance to work with a real-life software application. This report is about E-commerce and appointment management system.

These new things in e-commerce site. This website is going to allow users to have an online appointment and can also buy health retaliated products. This report includes the Scope of this work. The Methodology of the E-commerce System, which categorized in Design, The methods of this work etc. Results are being taken after the test process.

The Internship was 3 months period and the report mainly have been documented based on my overall work in the company as an Intern

Contents

List of Figures

List of Tables

Chapter 1

Introduction

An Internship is a learning experience offered by organizations, to graduating students, over a given period of time. It allows students and interns to the understanding of a real job framework and acquires knowledge in their particular field of work. The Internship works as a final polish for graduating students and provides them with the experience of an office environment. This aids the graduating students to become more confident, and bold as employees, allowing them better chances of future job opportunities.

1.1   Background

Women are the backbone of the nation. But women face lots of problems every day in their daily life .especially those who work outside. We know Menstruation is a biological function; it's not a "woman thing." It's an experience that can be highly variable, and mean different things to different people. It's not necessary to gender body parts or bodily functions. Periods never happen in a fixed time. it can occur at any time in any situation. That is a specific time women need cushions to secure themselves. so come out of this arrangement that we offer support online to the ladies so they can without much of a stretch purchase their cushions whenever anyplace.

All things considered, we need to give a wide range of arrangements on one stage like calling a legal advisor for provocation, make arrangements for woman' wellbeing related issues. Also can make a doctor appointment through the site

1.2 Company Profile of Xen Tech

Though Xen Tech 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. Xen Tech has 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 Xen Tech

Xen Tech , is a software-based tech company working on various projects which helps people to experience the greater benefits on the internet. Xen tech also provide tech support and real-life commercial training. They provide Website Development, E-commerce Solution, Mobile Application Development (Android, iOS).

1.1.1 Mission & Vision of Xen Tech

1.1.1.1 Mission

Contribute to digital Bangladesh and trying to fulfill demand in the IT sector and also research about new technology.

1.1.1.2 Vision

Figure out the needs of the IT market and research in those and try to provide the best solution to fulfill the needs.

1.2   Objective

Main Objective of this site is to make women life in some aspect. We provide   all types health related products for women in shortest possible time.

From this site give easy secure access to doctor appointment for women from their zone of comfort . Also it provides some lawyer appointment so that women can take that lawyer appointment for their legal action .This site provide open platform to discuss women Related problem.

1.3 Scope of the project

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

1.User registration page

2.Admin, User, login page

3.Admin can manage User profile

4.Admin can manage Doctor profile

 5.Admin can manage Lawyer profile 6.Admin can

check Appointment list

7.Admin can approve Appointment

8.Admin can create Doctor profile

9.Admin can create Lawyer profile

10.User can request an Appointment with a doctor

11.User can request an Appointment with a lawyer

12.User can check pending Appointment

13. User Can check Product List

14.User Can Order product

15.User Can Check Delivery Update

16 User can post in post panel

17.User can check all NGO List

Chapter 2

Literature Review

2.1   Introduction

A literature review could be a learned paper that presents the present information together with substantive findings moreover as theoretical and method contributions to a specific topic.

2.2   Relation with Undergraduate Courses

Most of the 300 and 400 level senior courses at Independent University, Bangladesh like Database Management, Web Application, System Analysis and Design, Software Engineering all those courses caused me to documented and implemented my task in the Internship program. In my project, I have implemented what I have realized in these respective courses. The programming dialects, the management system of the database encouraged me a lot to build up this project.

Chapter 3

Methodology

Methodology is a system of methods that we use in a specific area of study   or activity. Methodology is the detailed procedures or system used to identify, select, process, and analyze information about a subject The website I have been assigned to work on is an E-commerce site which is one of the most complete and fully multi-functional website. I have been assigned to work on to develop the ability for patients to register and request an appointment from the website.

3.1   Language selection

1. HTML is the skeleton of any website. Without HTML, a browser would not know how to exhibit text as elements or load images and files or other features. So here I used HTML5 to design this website.

2. CSS is the language for describing the designs of Web pages, including colors, layout, and fonts. CSS has greater constancy in design. That is why I used the current version of CSS which is CSS.

3. Here I used bootstrap version 4.5 to make this page responsive so that   the User Interface and User experience gets better. In bootstrap there are different components which helps me to add some dynamic functionalities. Here I took help from bootstrap documentation.

4. Node.js is an open-source, cross-platform, back-end JavaScript runtime environment that executes JavaScript code outside a web browser. Node.js lets developers use JavaScript to write command line tools and for server-side scripting—running scripts server-side to produce dynamic web page content before the page is sent to the user's web browser. Consequently, Node.js represents a "JavaScript everywhere" paradigm, unifying web-application development around a single programming language, rather than different languages for server-side and client-side scripts.

5. Currently JavaScript is the world's popular programming language. It is a text-based programming language used both on the client-side and server- side that allows us to make web pages interactive. I used dynamic tab to make my form interactive and user friendly.

3.2   Implementation

Implementation is a coding part of the project. To develop the software I use NodeJs, JavaScript, Mongodb, Bootstrap, HTML, CSS, Vuejs, flutter for mobile apps etc. First we have implemented HTML to make the skeleton of the project. After that, to design it we implemented CSS and made it responsive by applying Bootstrap. Respectively I have used Nodejs, Mongodb to connect the database by the support of mongoose tool. I used, Express which is fast unopinionated Minimalist framework for nodejs ,which help us

make many works easy like we can make server by using express. we make multiple route for get post or put data .All back-end are handle by using nodejs .we make many API for connecting font end and back-end .also we use mongoose for connecting mongobd .we use template engine by avoiding multiple duplicate HTML code .which make our code more fresh and simple.

3.3   Design

A web architect works on the appearance, format and in a few cases, substance of website. Appearance, for occasion, relates to the colors, textual style, and pictures utilized. Format alludes to how data 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.
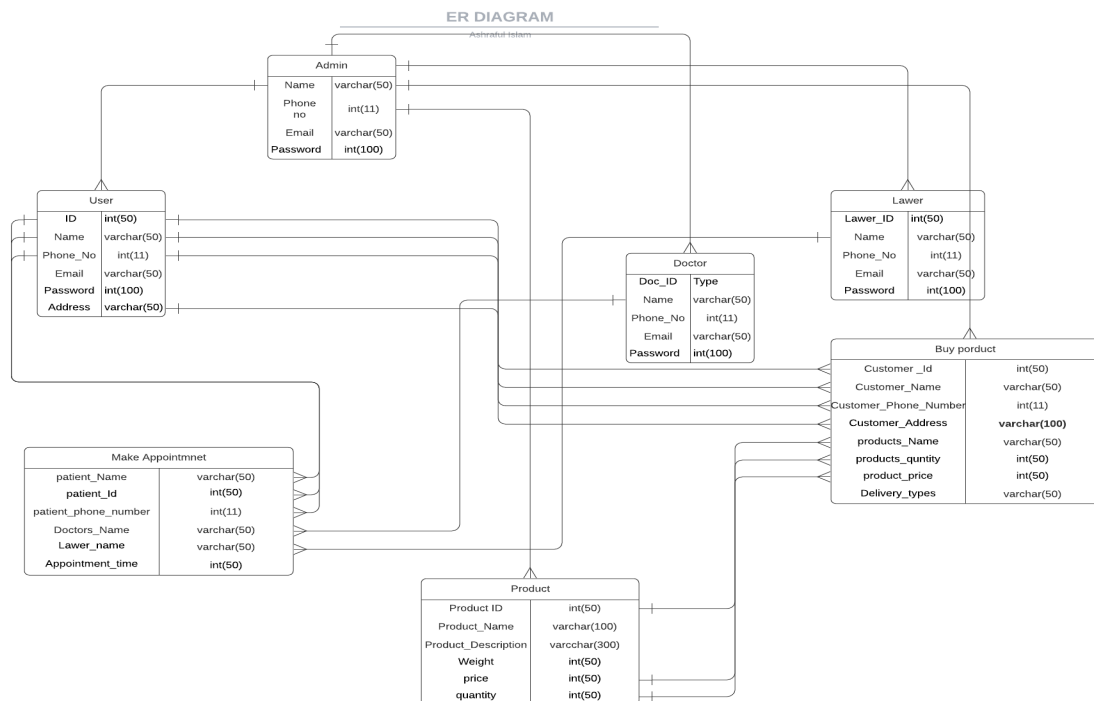

Figure 3.1: Entity Relationship Diagram

3.3.2 Use Case Diagram

This is the use case diagram form Appointment management system. There are two performers. Admin and user. This diagram also shows that which performer can perform which activity.
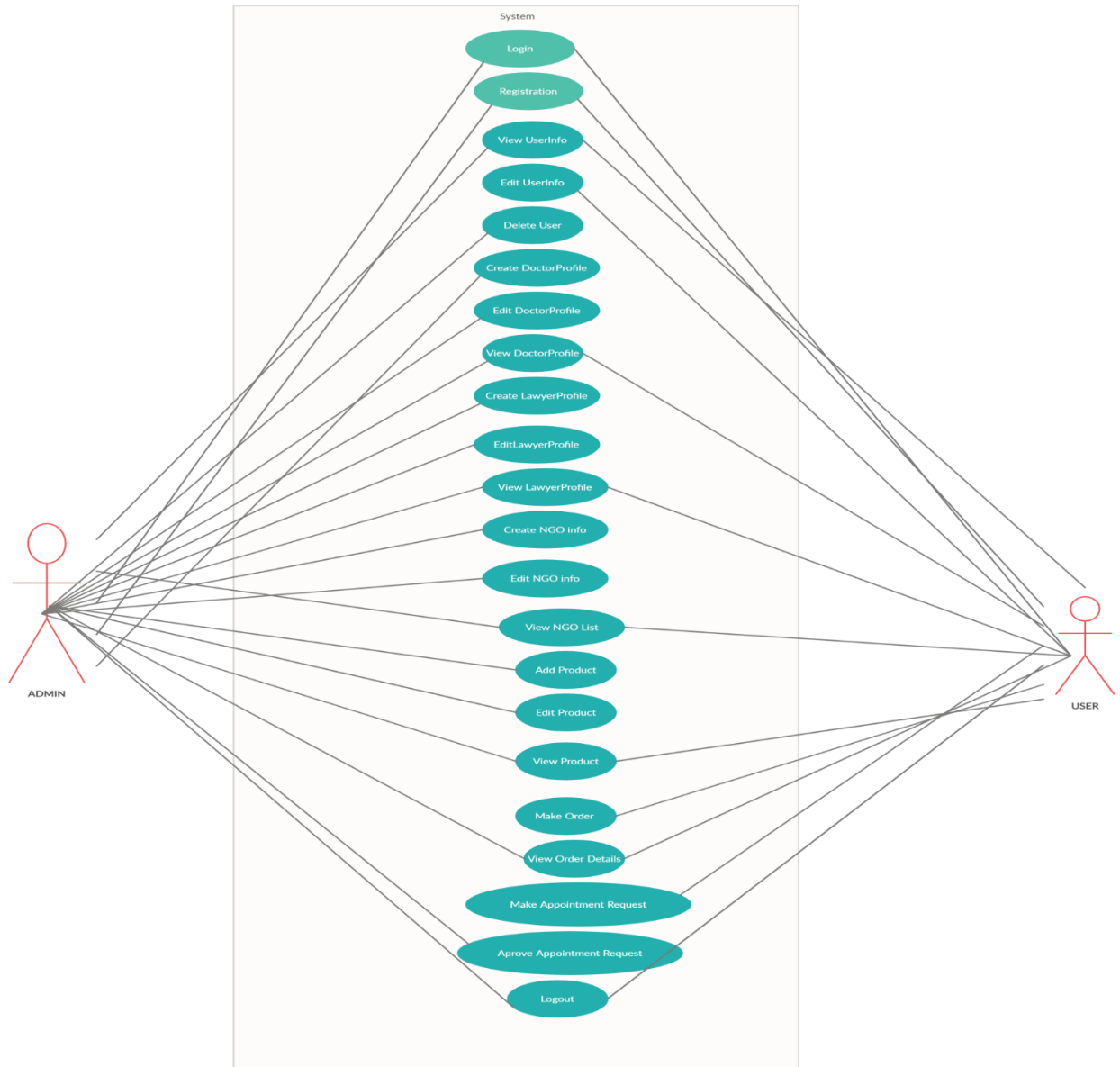
Figure 3.2: Use case diagram for E-commerce site Shuva

Chapter 4

Project Management and Financing

4.1 **Work Breakdown Structure (WBS)**

A Work Breakdown Structure (WBS) could be a various leveled structure of things that the project will make or results that it'll convey. We utilize the top- down approach to appear Work Breakdown Structure (WBS). We made a WBS for this extend. This will be supportive for us to preserve work quality and simple to synchronize the complete project.
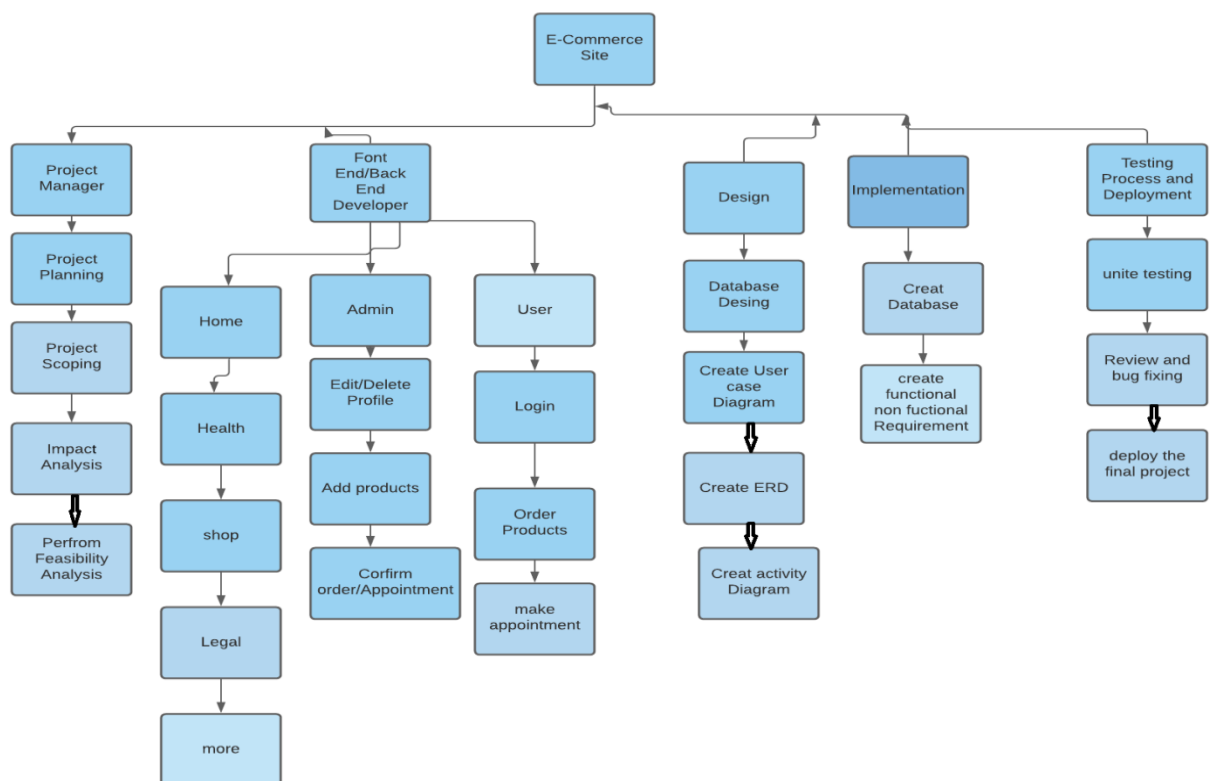
Figure 4.1: Work Breakdown Structure for e-commerce site

4.1   Activity Wise Time Distribution

Work Breakdown Structure is gathered wherein all of the activities are included. We tried to total those works in a time outline. Along with operating with a collection extend, overseeing the time, and operating close by with organization people time planning. This entire work is isolated among the venture organization. To preserve this workflow conveyance time is assessed is almost 135 days for the project.
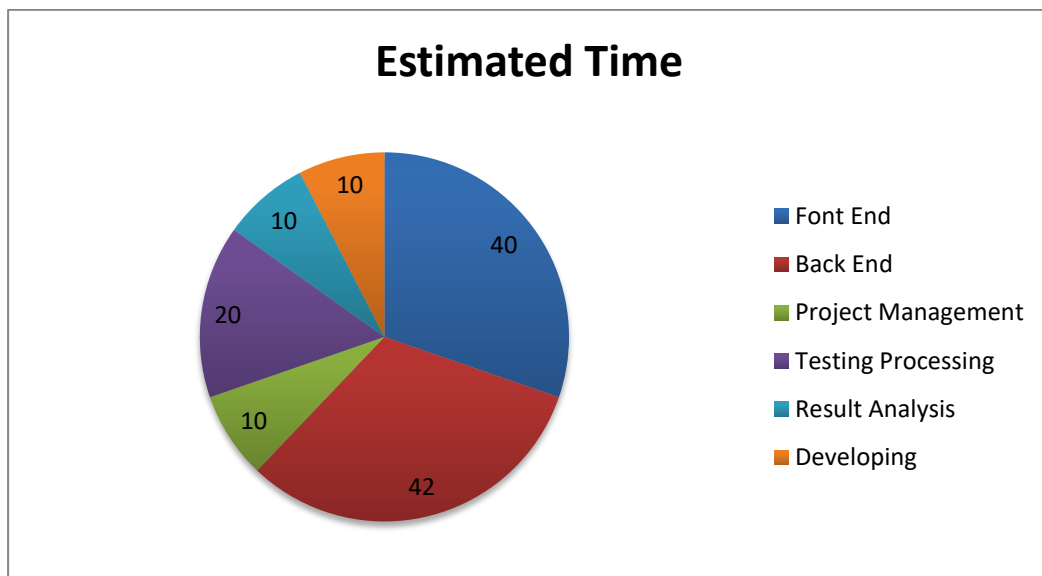
Figure 4.2: Time Distribution Pie Chart

4.2   Gantt chart

Gantt chart is a chart wherein an association of flat strains seems the sum of work accomplished, or technology completed in certain durations of time in connection to the sum arranged for those periods. Work Breakdown Structure seems the sum of exercises and to total these exercises a certain time is required which is spoken to in the Gantt chart.
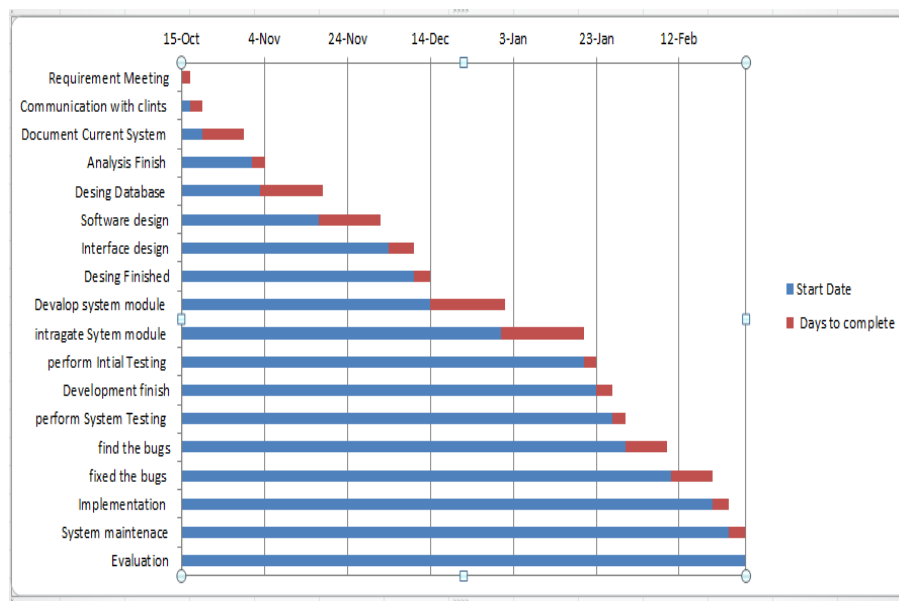
Figure 4.3: Gantt chart of E-commerce site shuva

4.3   Estimated Costing

The beginning Evaluated Costing was around almost 80,000 BDT. This is the approximate cost of the project. It can be expanded on the changes in the software and maintains up fetched.
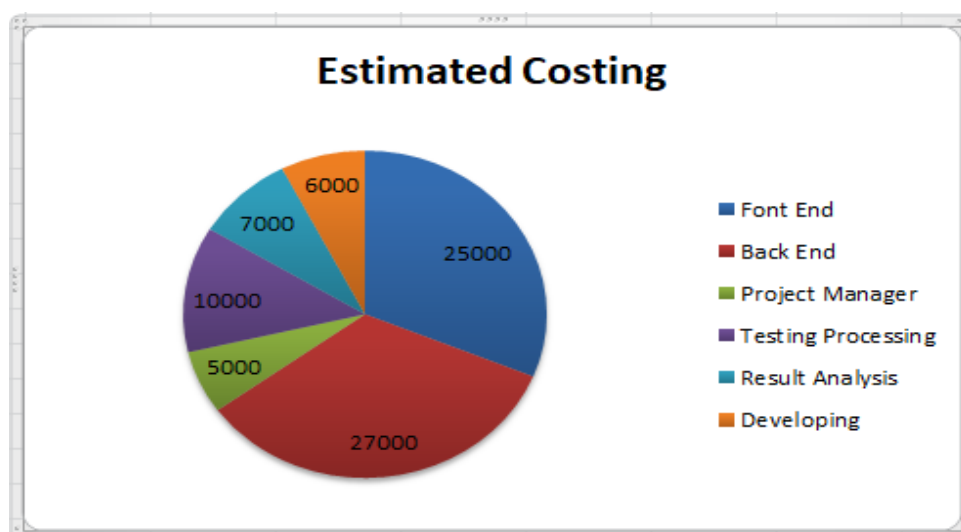
Figure 4.4: Estimated Costing Pie Chart

Chapter 5

Body of The Project

5.1   Activities

In this Project there are many activitiesWe are going to divide them into 2 parts. User Activities, Admin Activities. The Admin module is dependent on the User module.

5.1.1   User Activities

1. View Dashboard

2. View product

3. Order Product

4. View order details

5. View Doctor Info

6. View Lawyer Info

7. View NGO List

8. Make appointment request

9. View upcoming and previous appointment

5.1.1.1   Activity Diagram for User

This is the Activity Diagram for Users form apps/e-commerce site shuva This Activity Diagram helps User to understand the activity by a flowchart.
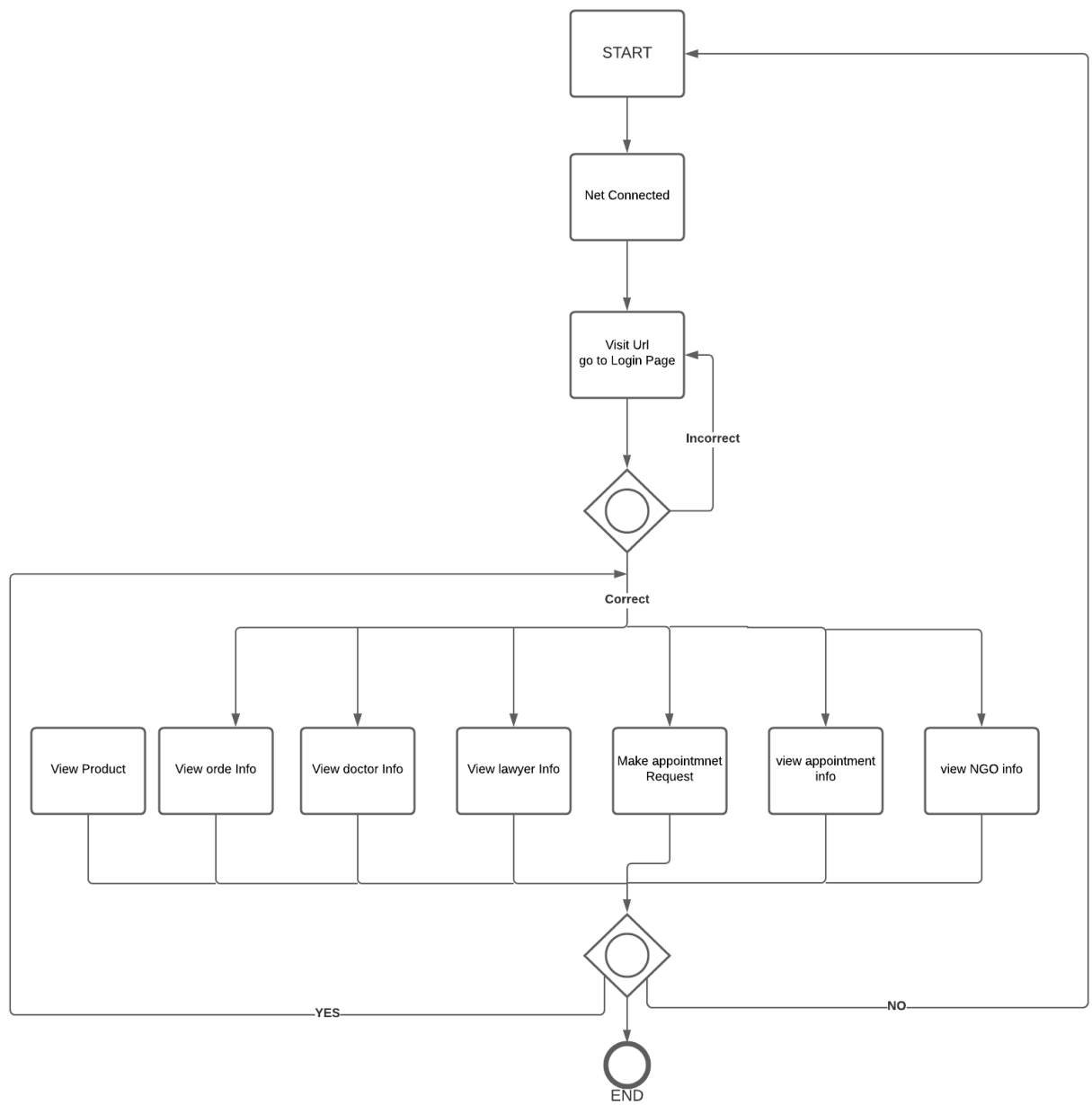
Figure 5.1: Activity Diagram for User

Admin Activities

      1.view Dashboard

      2.Login and logout

      3.Add/Update/Delete Product

      4. view products

      5. View order list

      6. Create/Update/Delete Doctor profile

      7. Create/Update/Delete lawyer profile

      8. Create/Update/Delete NGO list

      9.Approve requested appointment

5.12.1   Activity Diagram for Admin

This is the Activity Diagram for Admin form apps/e-commerce site shuva. This Activity Diagram helps Admin to understand the activity by flowchart

Figure 5.2: Activity Diagram for Admin

5.2   System Analysis

5.2.1   Six System Analysis

Process	Human	Non Computing Hardware	Computing Hardware	Software	Database	Connectivity
Registration	User	-	PC, Laptop, Mobile	Browser	Database	Internet

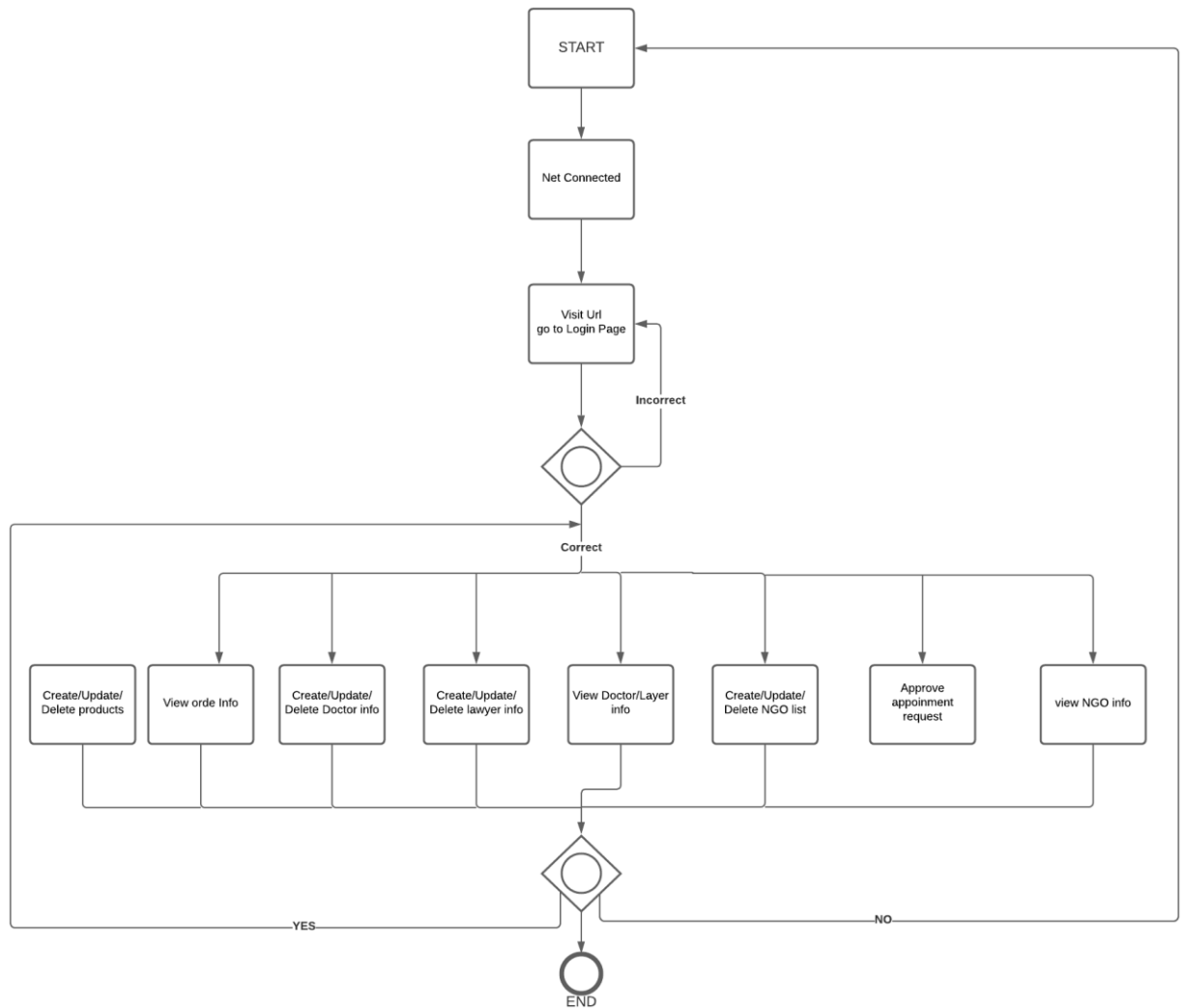|						
Login	User, Admin,	-	PC, Laptop, Mobile	Browser	Database	Internet
Create Lawyer ,products list, Doctor	Admin	-	PC, Laptop, Mobile	Browser	Database	Internet
View User, Doctor, lawyer, ordered products Appointment	Admin	-	PC, Laptop, Mobile	Browser	Database	Internet
Edit/Delete User, Doctor, lawyer, Appointment	Admin	-	PC, Laptop, Mobile	Browser	Database	Internet
Request Appointment, order products	User	-	PC, Laptop, Mobile	Browser	Database	Internet
Approve Appointment	Admin	-	PC, Laptop, Mobile	Browser	Database	Internet

Table 5.1: Six Element Analysis Table

5.2.2   Feasibility Analysis

The Feasibility Study is taking a look at the proposed framework in the mild of its workability, assembly of the user's necessities, compelling utilize of belongings, and of course, cost-effectiveness. These are classified as Technical, Operational, Financial, plan. The maximum goal of the achievability look at isn't to resolve 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 property required to general the point-by-point examination. The result may

be a possibility report submitted to the administration. This may be mentioned with changes or rejected.

1. **Economic Feasibility** : Economic Feasibility: In the software, E-commerce related software's are expensive. Those who are in startup situations can't have the funds for the software. They have to preserve their calculations to keep 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 information in a computer hard disk. It could be very unstable and masses time-consuming.

3. **Technical feasibility:** Technical feasibility: Xen Tech is one of the popular companies. They have skilled technical experts to complete and maintain this project.

5.1.1 Problem Solution and Constraints Analysis

Problem	Analysis	Solution	Constraints
Data loss	Anytime data can be lost for numerous reason (Virus attack, Hacker and Unfortunately device crash)	The database system is more secure additionally deleted and lost records without difficulty restore any time.	Internet connectivity
Time Complexity	To excess to a Specific the data its need 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 or	Everything is done automatically and stored	

	phone number	in the database.	
Analysis the data	Some problem occurs due to fetching manually different information	Database system can collect all of the statistics and it's far very easy to analyze 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

5.1.2 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.

5.3.1.1 Rich Picture for Admin

This is the rich picture for Admin from E-commerce site. This rich picture helps to open discussion and understanding of a situation for Admin.
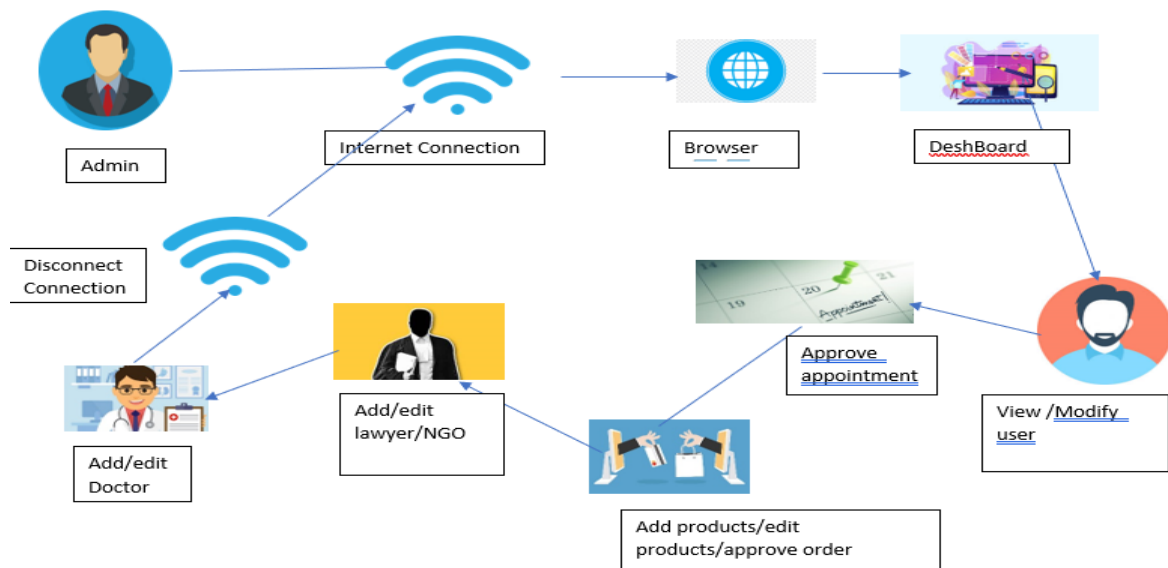
Figure 5.4: Rich picture for Admin

5.3.1.2 Rich Picture for User

This is the rich picture for registered User from E-commerce site. This rich picture helps User to understand the work process.
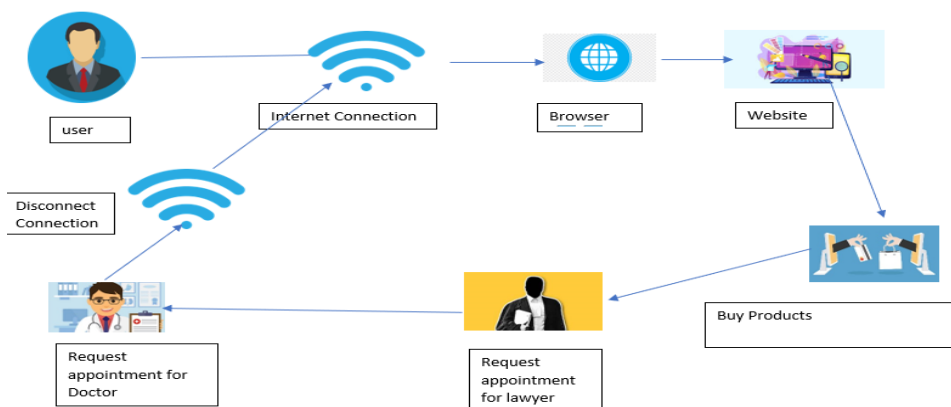

Figure 5.5 Rich picture for Use

5.2   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.

5.2.1   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 5.1: Consistency Table

Function Name: Registration		
Input: Phone Number	Process: User must give a phone number so that a automated OTP send to user	Output: An account will be created
Pre-Condition: User must have a computer or smart device with net connection.		
Post Condition: User can login and observe activities.		
Alternative Options: If phone are not valid then showing the alert		

Table 5.2: Registration Table

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

Function Name: User Login		
Input: phone Number	**Process**: Login :user	**Output**: View User interface in the website.
Pre-Condition: Must have a computer or smart device with net connection.		
Post Condition: User can login and observe activities.		
AlternativeOptions: If phone number are not valid then showing the alert		

Table 5.3: Login Table

Function Name: Create Account		
Input: Admin ID and Password	**Process**: Logged in and get to the Lawyer /Doctor form.	**Output**: A new lawyer /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 5.4: 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 5.5: 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 5.6: Request Appointment Table

Function Name: Approve Pending Request		
Input: Admin 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 5.7: Approve Pending Request

Function Name: Product Purchase		
Input: Phone number	**Process**: User select the products and delivery time	**Output**: Order Done successfully
Pre-Condition: Must have a computer or smart device with net connection.		

Post Condition: User must logged in with phone number .
AlternativeOptions: If phone number are not valid then showing the alert

<div align="center">Table 5.8 : products purchase</div>

5.2.2   Non-Functional Requirements

A non-functional necessity is a subjective essential for an undertaking. A non-functional necessity indicates its characteristics

1.   Usability Requirements: This Admin and user can utilize this product without any problem. We made this product so straightforward and simple. Users can comprehend the interface and system so basically.

2.   Performance Requirements: One of the principle purposes behind this product is making the user experience the best performance. There is more programming in this industry. Be that as it may, on the off chance that we can't give better performance, we will lose our Clients. Consequently, we need to give the best performance to go to the administration at a modest rate.

3.   Security Requirements: Security is another issue. Numerous information will be put away in our information base like user data, administrator data, and arrangement data. All data on the principle programming is made sure about. Just the Admin approaches the dashboard for the primary programming.

4.   Less Response Time: Users can arrive at this product promptly due to the speed of the worker.

5.   User-Friendly Interface: All the interface of this product is anything but difficult to appreciate, intuitive, and user friendly.

5.3   Project Feature

5.3.1   First Page

This is the Landing page of this Project.

Figure 5.6: Start page
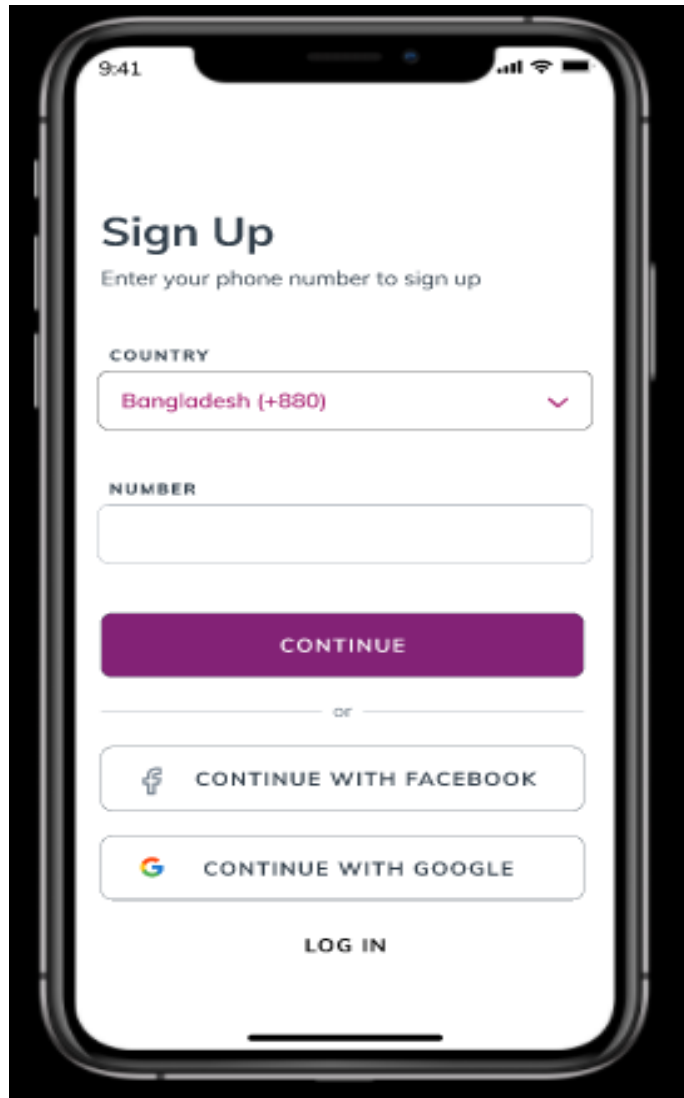
5.3.2   Login Page

Figure 5.7: Login Page

5.3.3 Home page

User can Register from this section.

Figure 5.8:Home Page

5.3.4 Appointment Page

This is the Appointment taking section of this Website.
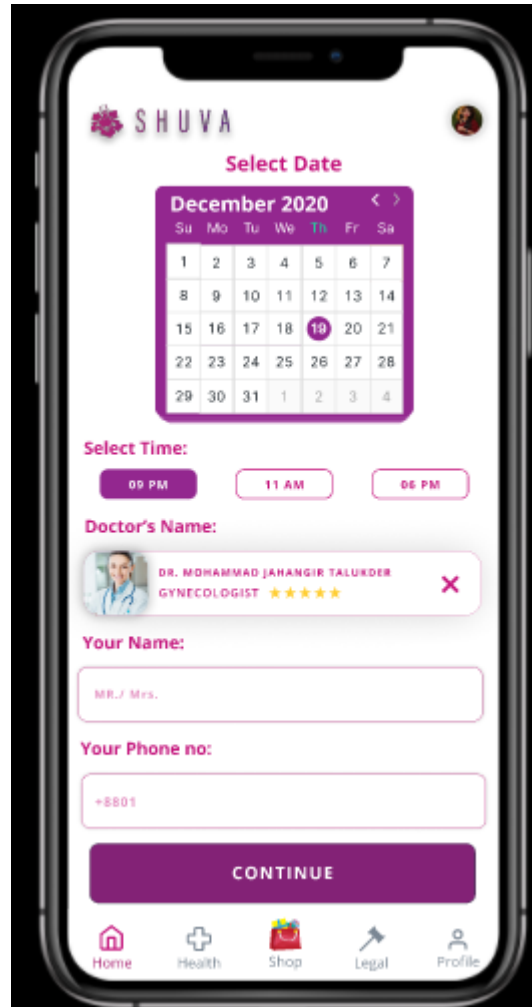
Figure 5.9: appointment Taking Page

5.3.5   Shop page

This page is for user can buy products.

Figure 5.10: Products showcase Page

Approve Appointment

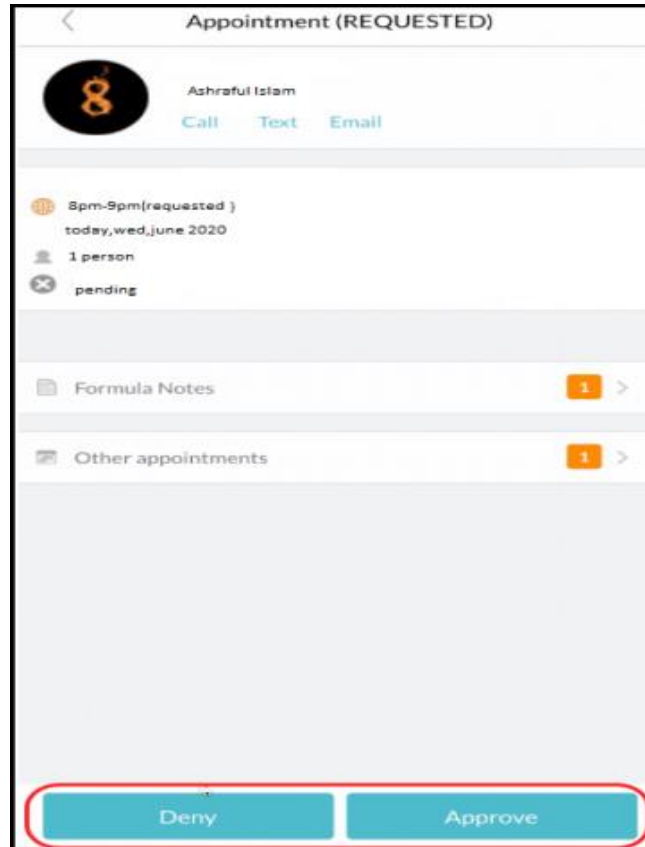Admin can Approve Appointment of the User from this page.

Figure 5.11: Approve Appointment Page

5.1.1　　　User Info

User info table is about User details.

User Info

ID	Name	Email	Edit	Delete
34	Samsul123	samsul@gmail.com	Edit	Delete
35	Salekin	salekin@gmail.com	Edit	Delete
36	Islam	islam@gmail.com	Edit	Delete

Figure 5.12: User Info Table

5.1.2　　　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 5.13: Appointment Info Table
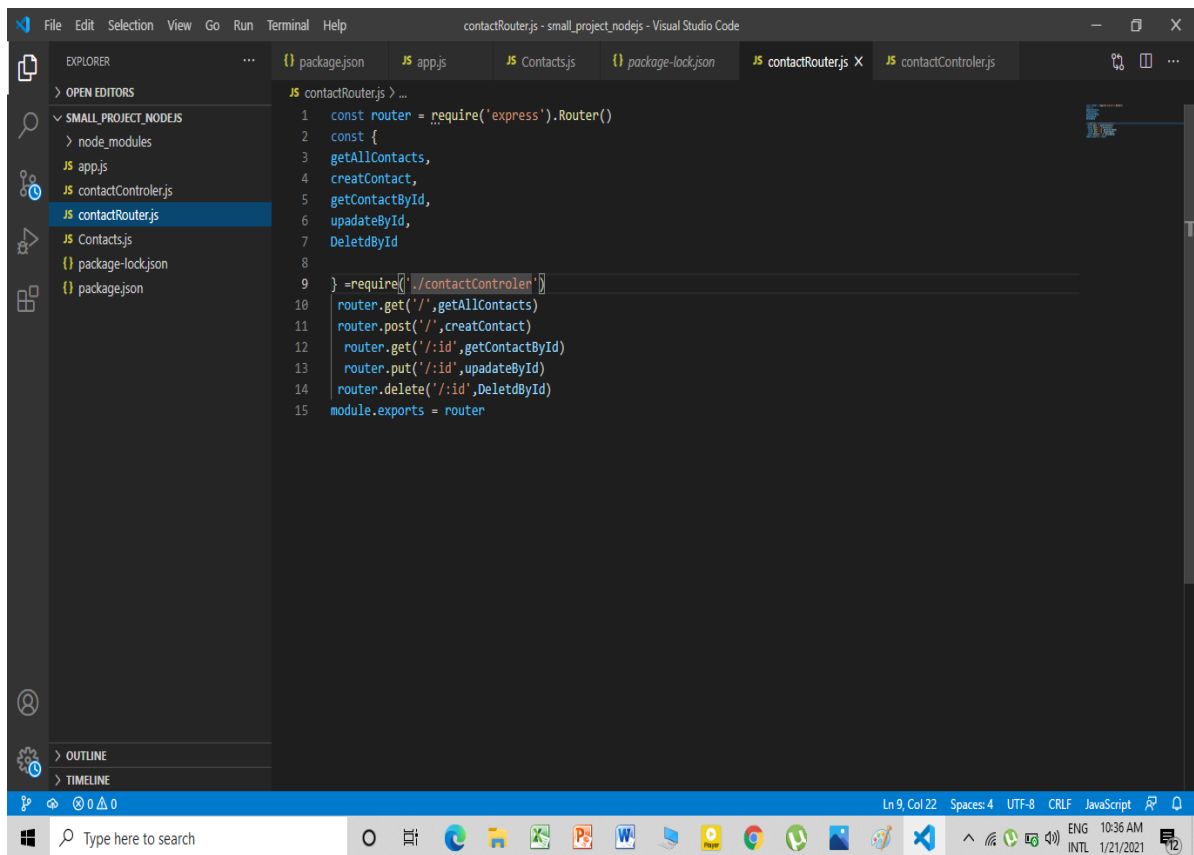
5.1.3 Doctor Info

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	Labaid Specialized Hospital	rinkon@gmail.com	Edit	Delete
4	Samin	Anwer khan mordern hospital	samin@gmail.com	Edit	Delete

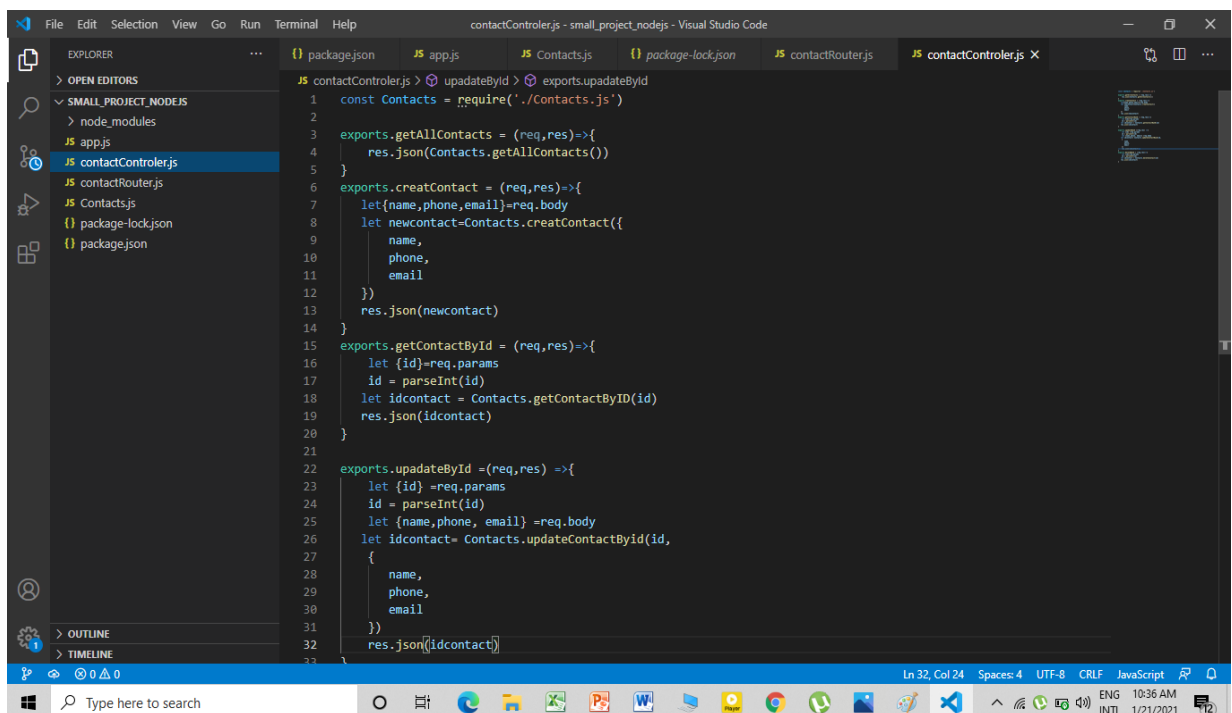This is the Doctor's details table.

Figure 5.14: Doctor Info

Some Screen shoot of back end code

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	Purpose	Pre-	Test step	Expected	Actual	Status	Remarks

Task Name		condition		Result	Result		
Admin Login	Need to check Login is successfully done or not.	Admin Must have laptop, mobile with good net connection	1)Admin need to put validate email and password 2)Click Submit	If Admin put right password and email address she/he successfully logged into the admin panel .Otherwise its give error.	Software will logged in Successfully	Pass	N/A

Table 6.1: Test Table for Admin login

Test Task Name	Purpose	Pre-condition	Test step	Expected Result	Actual Result	Status	Remarks
User Login	Need to check Login is successfully done or not.	User must have laptop, mobile with good net connection	1)User need to put valid phone number 2)Click	If User put right Phone number OTP code send to his/her number with this	Software will logged in Successfully	Pass	N/A

			Submit	OTP she/he successfully logged into the Website .Otherwise its give error.			

Table 6.2: Test Table for User login

Test Task Name	Purpose	Pre-condition	Test step	Expected Result	Actual Result	Status	Remarks
Edit/Delete User Profile	Check if the admin login is successfully done .	1)Admin must login into the website 2) Need to visit desire panel .	1) Click edit button or delete button than a form will appear. 2)All the information shown on the panel. 3.Need to click button to change.	Can check the change of the information .	Website will show 'update is successfully done 'or 'user deleted successfully , Or doctor added successfully .	Pass	N/A

Test Task Name	Purpose	Pre-condition	Test step	Expected Result	Actual Result	Status	Remarks
Add/Edit/Delete Doctor Profile	**Check if the admin login is successfully done .**	**1)Admin must login into the website** **2) Need to visit desire panel .**	**1) Click edit button or delete button than a form will appear.** **2)All the information shown on the panel.** **3)need to give all information of doctors** **4. click the button for change.**	**Can check the change of the information .**	**Website will show 'update is successfully done or doctor deleted successfully or doctor added successfully'.**	**Pass**	**N/A**

Table 6.4: Test Table for Add/Edit/ Delete Doctor and user profile

Test Task Name	Purpose	Pre-condition	Test step	Expected Result	Actual Result	Status	Remarks
Add/Edit/Delete Lawyer Profile	**Check if the admin login is successfully done .**	**1)Admin must login into the website** **2) Need to visit desire panel .**	**1) Click edit button or delete button than a form will appear.** **2)All the information shown on the panel.** **3)need to give all information of lawyer** **4. click the button for change.**	**Can check the change of the information .**	**Website will show 'update is successfully done or lawyer deleted successfully or lawyer added successfully'.**	**Pass**	**N/A**

Table 6.5: Test Table for Add/Edit/ Delete lawyer profile

Test Task Name	Purpose	Pre-condition	Test step	Expected Result	Actual Result	Status	Remarks
Create An appointment	**Check if the user can make appointment or not .**	**1)User must login into the website**	**1.Fist select the doctor** **2)Select time** **3) select Date** **4.Give phone number.** **5) click continue**	**If user had no data error new page will with regards .**	**User will have pending appointment .**	**Pass**	**N/A**

Table 6.6: Test Table for Create an Appointment for doctor

Test Task Name	Purpose	Pre-condition	Test step	Expected Result	Actual Result	Status	Remarks
Create An appointment	**Check if the user can make appointment or not .**	**1)User must login into the website**	**1.Fist select the lawyer** **2)Select time**	**If user had no data error new page will with regards .**	**User will have pending appointment .**	**Pass**	**N/A**

			3) select Date 4.Give phone number. 5) click continue				

Table 6.7: Test Table for Create an Appointment for lawyer

Test Task Name	Purpose	Pre-condition	Test step	Expected Result	Actual Result	Status	Remarks
Approve pending appointment	**Check if the admin approve the pending appointment or not.**	**1)Admin must logged into the admin panel 2) visited the appointment panel**	**1.Select the appointment 2.click approve or delete .**	**Admin will approve the appointment**	**Appointment approve successfully .**	**Pass**	**N/A**

Table 6.8: Test Table for Approve pending appointments

Test Task Name	Purpose	Pre-condition	Test step	Expected Result	Actual Result	Status	Remarks
Add delete/edit product	**Check if admin can edit delete or add products**	**1)Admin must logged into the admin panel**	**1.select the products** **2)click**	**If no data error product will be deleted**	**Product deleted or edited or added successfully.**	**Pass**	**N/A**

			edit or delete .	or edited or added .			
or not.			3) Click Add button for adding new product 4.new form will appear 5) click submit				

Table 6.9: Add/Delete/Edit Products

Test Task Name	Purpose	Pre-condition	Test step	Expected Result	Actual Result	Status	Remarks
User buy products	**Check if user can buy products or not**	**1)User must logged into the website**	**1.select the products** **2)click buy now** **3) give proper address with phone**	**If no data error product will be successfully purchase**	**Product purchase successfully.**	**Pass**	**N/A**

			number 4.select delivery time 5) click submit				

Table 6.10: Buy products

6.2   Results

For justifying test cases there were few bugs found while running the software. Retrieving the data from the database, some issues came up. But most of the cases the procedure runs smoothly. There was some issue with responsiveness but after a few tests, the issue got resolved. The main task of this project is to make an appointment and send it to the Admin to get approval and buying products . Fortunately, this task runs without any flaw. After getting the issues and bugs, I tried to go over through all the problems and fix the code.

Chapter 7

Future Work and Conclusion

7.1 Future Work

For the future update, I have some recommendations to improve the project. The system can be more user friendly and more dynamic. For the better user experience and faster response in the system, they can change the UI and UX design and maintain it. The user experience will get faster.

7.2 Implication

In this report, I tried my best to provide as much information as possible. The journey was not simple. There were many obstacles, new technologies that I have to handle, yet

after overcoming each challenge I had discovered a new potential within myself. Two main things that I have learned the importance of time- management and self-learning. The skills I have gathered are priceless.

7.3 Recommendation

Now technology has changed and new technology means a new experience. For this reason, fresh and young generation employees should be appointed in this department who are familiar with the latest technology and literacy. Need to use of effective management information systems. And use appropriate techniques in evaluating user needs professionally. To deliver quality service top management should try to mitigate the gap between the user's expectations and the employee's perception.

7.4 Conclusion

During my internship program at Xen tech , it was an immense pleasure for me. In a nutshell, this internship has been an excellent wand re- warding experience. I can conclude that there has been a lot I have learned from my work. Needless to say, the technical aspects of the work I have done are not flawless and could be improved enough tie.

Reference

S. Islam, S. Chowdhury, and A. Islam(2009), "Lis education in e-learning environ- ment: problems and proposal for bangladesh," in *Asia-Pacific Conference on Library & Information Education & Practice. Retrieved from http://www. slis. tsukuba. ac. jp/a- liep2009/proceedings/Papers/a27.*

H. Degen and X. Yuan(2011), *UX Best Practices How to Achieve More Impact with User Experience*. McGraw-Hill Osborne Media.

J. Wu, M. Carlisle, S. Souissi, S. Kim, and G. H. (2013), "Method and apparatus for loading landing. US Patent 8,452,858.

T. Ash, M. Ginty, and R. (2012) *Landing page optimization: The definitive guide to testing and tuning for conversions*. John Wiley & Sons,.