

Tax Automation

BY

Nishat Tasnim Suchi
ID: 161-15-7528

This Report Presented in Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in Computer Science and Engineering.

Supervised By

Aniruddha Rakshit
Senior Lecturer
Department of Computer Science and Engineering
Daffodil International University.

Co-Supervised By

Md. Azizul Hakim
Lecturer
Department of Computer Science and Engineering
Daffodil International University.



DAFFODIL INTERNATIONAL UNIVERSITY

DHAKA, BANGLADESH

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APPROVAL

This Project/internship titled “**Tax Automation**”, submitted by Nishat Tasnim Suchi, ID No: 161-15-7528 to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 08-07-2020.

BOARD OF EXAMINERS



Prof. Dr. Syed Akhter Hossain
Professor and Head
Department of CSE
Faculty of Science & Information Technology
Daffodil International University

Chairman



Gazi Zahirul Islam
Assistant Professor
Department of CSE
Faculty of Science & Information Technology
Daffodil International University

Internal Examiner



Abdus Sattar
Assistant Professor
Department of CSE
Faculty of Science & Information Technology
Daffodil International University

Internal Examiner



Dr. Md. Saddam Hossain
Assistant Professor
Department of CSE
United International University

External Examiner

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We hereby declare that, this project has been done by us under the supervision ⁱ
Aniruddha Rakshit , Senior Lecturer, Department of CSE Daffodil International
University. We also declare that neither this project nor any part of this project has been
submitted elsewhere for award of any degree or diploma.

Supervised by:

Aniruddha Rakshit

Aniruddha Rakshit
Senior Lecturer
Department of CSE
Daffodil International University

Co-Supervised by:

Md. Azizul Hakim

Md. Azizul Hakim
Lecturer
Department of CSE
Daffodil International University

Submitted by:

Nishat Tasnim

Nishat Tasnim Suchi
ID: 161-15-7528
Department of CSE
Daffodil International University

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ABSTRACT

Bangladesh is a middle income country. Tax is a most important thing that can make our country to developed country. But in our country we encounter many problems to giving tax. That's why I think a solution for reduce the harassment and make easy and reliable system for tax system. People can give their tax by this website from home without any harassment. They have to login with proper information and they can choose their option for giving tax, finally they submit their tax by online payment option.

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CHAPTER 1

INTRODUCTION

1.1 Introduction

The site is progressively prepared to do any sort of association for making their work clear and regardless. Our stretch out is on a very basic level site to make an association to relate individuals who need to give evaluate. This can be much of the time an obliging meander for our general public. It is an ecofriendly meander. Customers can cause a profile in our area by enlistment for pay to survey. We have a couple administrators to actuate customer's notice as like email and they endeavoring to help client for any sort of data.

In our nation there are a parcel of individuals who can give tax. They do not want to go to tax office for different type of harassment. To unravel this issue there not have a well-planned web stage. For this we make an online site to assist them. This venture could be a savvy benefit to assist individuals for pay charge. Client can effectively pay their charge by client neighborly alternatives.

Every Organization requires an area to frame their everyday task. For this, they require a very much arranged site. Our extension might be an online meander. An online extension has a giant degree.

An online meander has an undeniable vision. Our basic vision to help individuals and make an enormous game plan in this sharp bit of leeway. This can be routinely an ecofriendly adventure.

This framework can be a significant framework. In our nation, there's a designation of the assessment stage however don't have an uncommon online plan. This could be a prii 1 framework to offer assistance to customers to pay their obvious kind of examination. Straightforwardly this might be the time of web perusing world. As of now our enhance is particularly significant to make an astonishing stage. Our extension might be a basic mastermind our customers so we think this meander can be certified composed to get through people.

1.2 Motivation

Now our country is a middle income country. In this country there are lots of people work in many varieties position. For this people need to pay their tax to government. Many kind of tax need to pay. By this tax government will do many development project. So tax is very important for our country development. But in our country if we go to pay tax to tax office, we need to face many problems. Usually, our activity, considering to assist all these individuals in paying to assess. We are doing a project to reduce trouble of tax paying people. Basically our main purpose is providing tax paying system to individuals. Presently a day's lion's share of individuals employments keen gadget with dynamic web association. Typically why we thought how people can easily pay their tax to the government.

1.3 Objectives

Each venture have a few targets. As takes after our extend have a few goals. The most goals of our question are as takes after:

1. We are going to solve problem that create during giving tax.
2. To help people by giving easy tax paying system.
3. To form a grind stage.
4. To create a client inviting Charge paying site.
5. Reduced Tax paying problem.
6. We make web site to create a association between those who want to give their all tax without any problem and government organization who collect all tax from country people.

1.4 Expected Outcome

1. Create an easy system for tax pay.
2. People can easily pay their tax by this system.
3. Increase the total tax collection.
4. Reduce harassment.
5. Make a stage to associate individuals and Government.
6. This can be a advancement extend so this extend has tremendous scope to create in the future.
7. This platform helps both people and government organization. Our desire this stage makes a incredible tax collection system.

CHAPTER 2

BACKGROUND

2.1 Introduction

In early human history, assess collectors utilized the foremost simple strategies; a few of these strategies were so unrefined that they gave the calling a terrible title. Over the centuries, be that as it may, civilized man has come to realize that taxes-though never very welcome-must be collected with a most extreme of assess paper participation and a least of aggravation or bother. Indeed the citizen who bolsters the utilize to be made of his cash still needs and merits to be treated with thought. In this setting, robotization gives unused apparatuses for making strides and, to a few degree, rearranging charge organization. Of course, no computer, in any case advanced, can overcome the statutory complexities formulated by brilliant administrative draftsmen. Therefore, tax policy is outside of the scope of this article.

2.2 Related Works

Some of the recent related works regarding the toll tax automation and monitoring system are reviewed in the following section. Patel et al. have proposed an IOT based toll collection system, the method that was proposed system gives quick toll gathering and consequently controls the vehicle developments at toll gate through Image Processing. There are RFID also, FAS Tag which requires a keen gadget or shrewd tag to be connected with the vehicle. IOT based method takes less amount time and reduces the traffic jam in toll gate compare to the native system [4]. Edi and Soebandrija connected Item Plan Designing through Industry 4.0 in Gard Toll Computerizes (GTO). GTO could be a typical cost entryway show in Indonesia. About cost door models in Indonesia have a paper printout as gotten which is reliably wasted. This condition happens since not all the driver needs a paper confirmation of the trade. This structure is made by clearing the printout paper that leftover parts show to the driver who needs it, at any rate not manhandled on account of the driver who doesn't require it [5]. Goethe et al. presented an automated toll collection system using RFID and GSM. The motivation behind the proposed system is to decrease waiting time and to keep away from the traffic jam at a specific point. The

conventional system takes a tremendous amount of time to process toll tax collection, to avoid this issue, the Automatic Tollgate Payment System utilizing Hybrid Mechanism is proposed in which the conceivable cases are to be considered. It improves quicker preparing of toll passage gathering and reduces the traffic volume at a specific point. The Automatic toll installment framework makes rapid tolling as the toll passers do not need to stop and make the assessment installments [6]. Garlanded et al. discuss the idea of Automated Electronic Toll collection (ETC) using GPS framework. This work disposes of the requirement for drivers and toll specialists to physically perform ticket installments and toll expense accumulations, individually. Information data are additionally effectively traded between the drivers and toll specialists, in this manner, it can dispense with conceivable human blunders for productive toll accumulation, the main drawback in the system is not user-friendly [7].

2.3 Comparative Studies

Concurring to the National Board of Income (NBR) information, as of June 2018, there's almost 3.5 million charges recognizable proof number (TIN) holders, of which almost 1.95 million submitted charge returns. Be that as it may, this does not cruel that those who have paid assess have not sidestepped charge. Assess avoidance can have numerous shapes. In Bangladesh, businessmen who collect value-added assets from customers moreover sidestep assess by under-reporting the same. Merchants maintain a strategic distance from charge by under-invoicing. Charge shirking is hence a major issue.

Venture in property could be a common implies of stopping cash unaccounted for and a huge number of exchanges in the genuine estate are not detailed or are under-reported. This is often primarily on account of exceptionally tall levels of property exchange charges, commonly within the shape of stamp obligation. In order to prevent tax avoidance, property transaction tax needs to be reformed.

2.4 Scope of the Problem

All through the world, dependable governments take after the approach of a dynamic salary charge. Those with higher livelihoods are anticipated to pay a better rate of their wage in charge than those with lower livelihoods. But the policymakers of Bangladesh should think around this autonomously instead of comparing assess rates with neighboring countries. Considering our financial conditions, the show charge structure isn't appropriate to pull insufficient individuals to pay charges, and as such, the government ought to center on devising a long-term arrange to extend wage charge income. The assessed rate must be brought down to a level where everyone with assessable salary feels comfortable to pay wage assess; the tax net would then be wider.

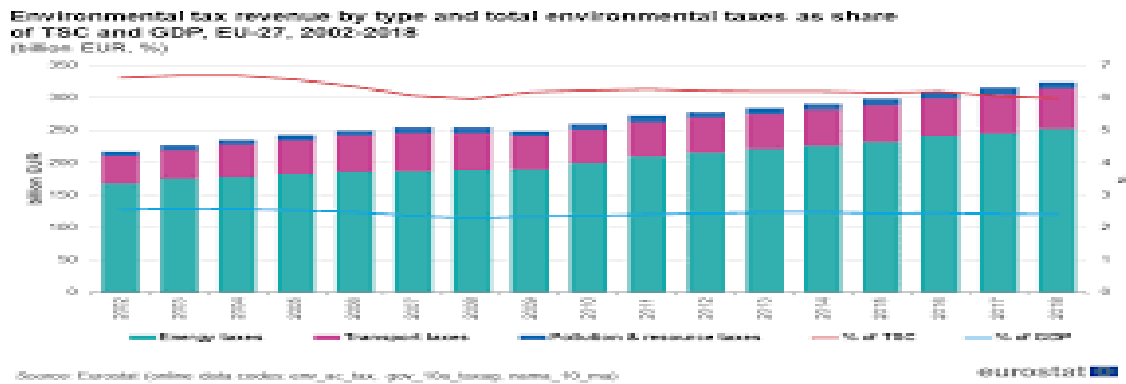


Figure 2.1: Environmental tax statistics

2.5 Challenges

There are debates about the extent of public good provision—what constitute basic public goods. There is also a debate over how some of these public goods should be financed; what is the balance between user pays and funding from general revenue? But this is a matter of degree; the provision of a set of core public goods funded from general revenue underpins stronger economic development.

CHAPTER 3

REQUIREMENT SPECIFICATION

3.1 Introduction

A program handle show up is genuinely required to set up a development. Plainly there have some change methods in any program show to execute the need show up. This intentionally shows up relentlessly recommends to create as plan diagram represent. This representation depends on various nature on the enhance. There may have various difficulties and different typical limits what's more. To execute an incredibly enhanced association, we have to make a PC program prepare model/outline. Here we use a program plan illustrate.

A record uses to portray the lead of the coding structure. Utilitarian, Nonfunctional fundamentals of the PC program framework.

3.2 Requirement

In a PC program or online structure, an utilitarian need portrays a framework or its segment. It depicts the limits a PC program must perform. Our significant need is our area has customer neighborly options. Customers select their decisions to pay charges. Enlistment framework, Client account, Clients Charge Inquire, sign in.

Functional Requirement

TABLE 3.1: FUNCTIONAL REQUIREMENTS

ID	Name	Description	Priority
01	Enlistment	People can enrollment by utilizing their person data or non-personal data.	Higher
02	Enlistment	Clients (individuals, Admin, volunteer) can enlistment by employing a module.	Higher
03	Login	People must login this site to pay tax.	Higher
04	Tax Request	Individuals submit an ask for pay assess and Admin favors the demands.	Higher

Data Requirements

TABLE 3.2: DATA REQUIREMENTS

No	Description	Priority
01	People name, Email, Address, Phone Number, number of assets, Receiver Phone Number.	Higher
02	Volunteer title, address, phone, admin title, profile.	Higher

Nonfunctional Requirements

Availability Requirements

TABLE 3.3: AVAILABILITY REQUIREMENTS

No	Description	Priority
01	The framework ought to work 24 hours a day.	Medium
02	The framework ought to give the specified benefit to the client in time.	Higher

Access Requirements

TABLE 3.4: ACCESS REQUIREMENTS

No	Description	Priority
01	Users got to be authorized to begin with to get to the accommodation of pay tax.	Higher
02	As it were Authoritative specialists will be able to enter the framework to form support.	Higher
03	Volunteer can as it were get the data by Admin	Higher
04	Admin as it were get to the Admin board.	Higher

Maintenance Requirements

TABLE 3.5: MAINTENANCE REQUIREMENTS

No	Description	Priority
01	The framework upkeep ought to be fast.	Lower

3.3 Logical Data Model

Entity Relationship Diagram: A substance relationship diagram, too known as a substance relationship appear up, maybe a graphical depiction of a information system that delineates the relationship among people, objects, spots, thoughts, or events interior that system.

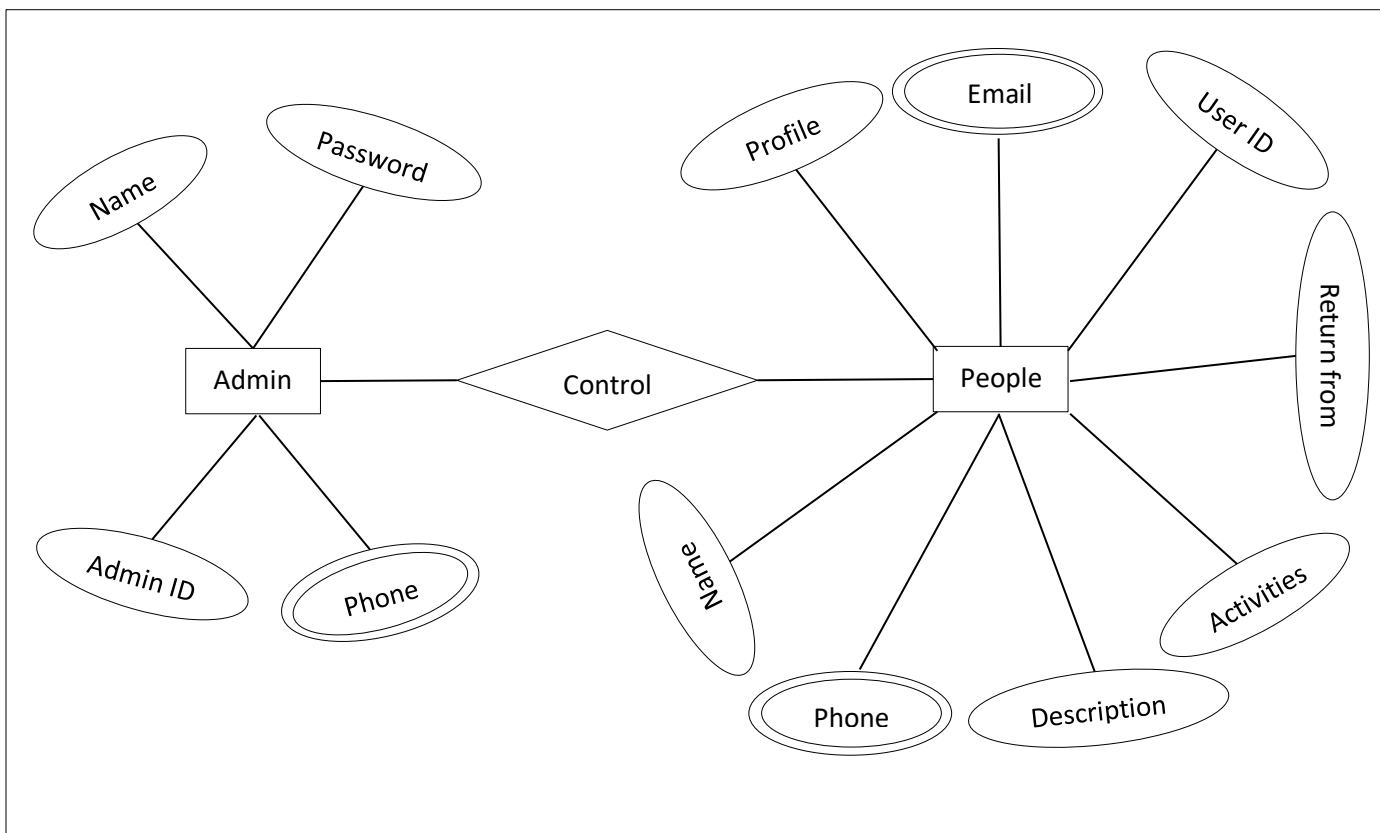


Figure 3.1: Entity Relationship Diagram

Schema Diagram: A structure contains change objects, which may well be tables, segments, information sorts, sees, put missing techniques, affiliations, key keys, outside keys, and so on. Database advancement can be conversed with in a visual graph, which appears up the database objects and their relationship with one another.[8]

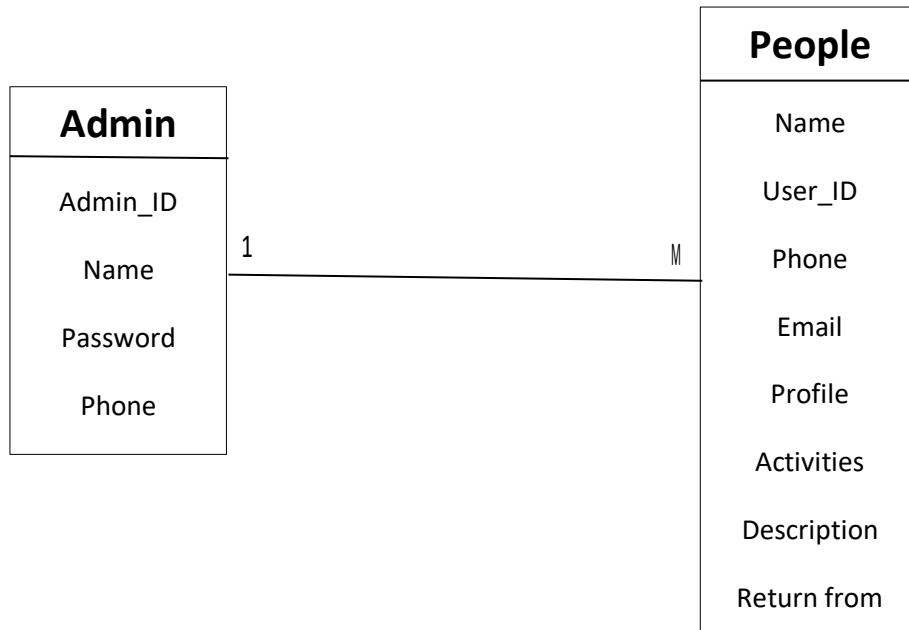


Figure 3.2: Schema Diagram

Sequence Diagram: The UML joins participation charts to depict how articles related by induces of messages. They are utilized for lively test illustrating. The term affiliation chart may be a theory of two progressively particular UML chart sorts:

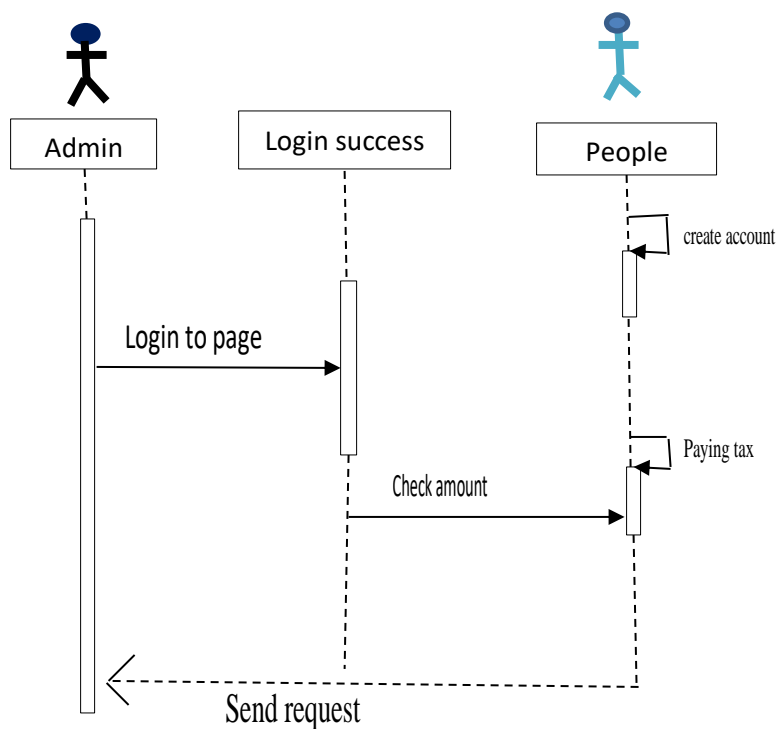


Figure 3.3: Sequence Diagram

3.4 Data Follow Diagram (DFD)

A datastream chart (DFD) can be a graphical outline of the "stream" of data through an information system, depicting its organized centers of seeing. A DFD is as often as possible as conceivable utilized as a starter wander to make and organize the system, which can a brief time period a whereas afterward be clarified. DFDs can as well be utilized for the representation of data organizing (sorted out-organize). The underneath DFD appears up what sort of information will be a commitment to and give up from the system, where the data will start from and go to, and where the data will be put lost.

DFD Level 0

A data stream chart takes after how data is ready by a system as expelled as sources of information and yields. As its title appears up its center is on the surge of information, where data starts from, where it goes and how it gets put lost.

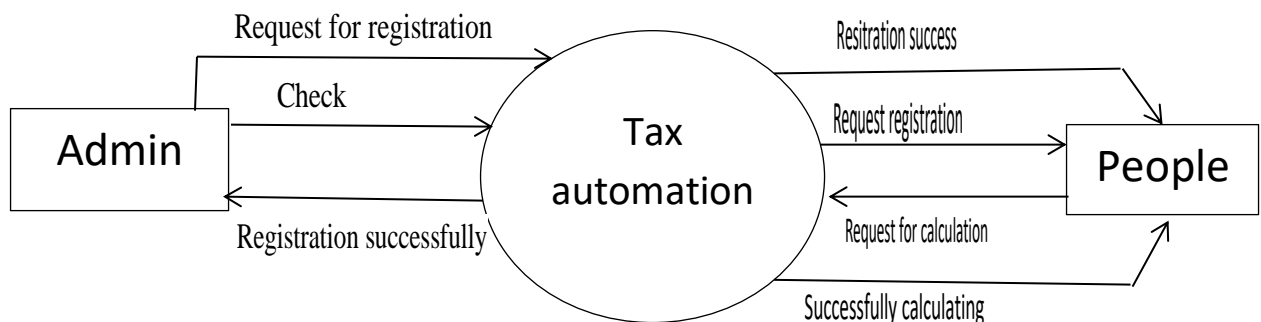


Figure 3.4: Data Follow Diagram level 0 (DFD0)

DFD Level 1

The Level 1 DFD shows up how the framework is separated into sub-frameworks (shapes), every one of which manages at least one of the information streams to or from an outside overseer, and which together convey the entirety of the accommodation of the framework all in all.

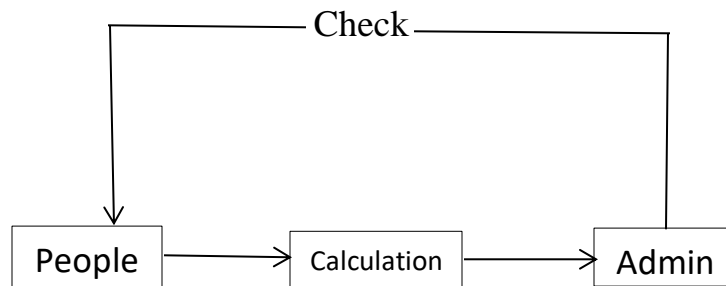


Figure 3.5: Data Follow Diagram level 1 (DFD1)

3.5 Use Case Modeling and Description

Admin use case

Chairman of Framework has essential data required for the Reports time. Chief can other than login account and can spread parts to accounts login. He can other than upgrade zone information, interface volunteer, favor charge pay inquire, and send information to chip in.

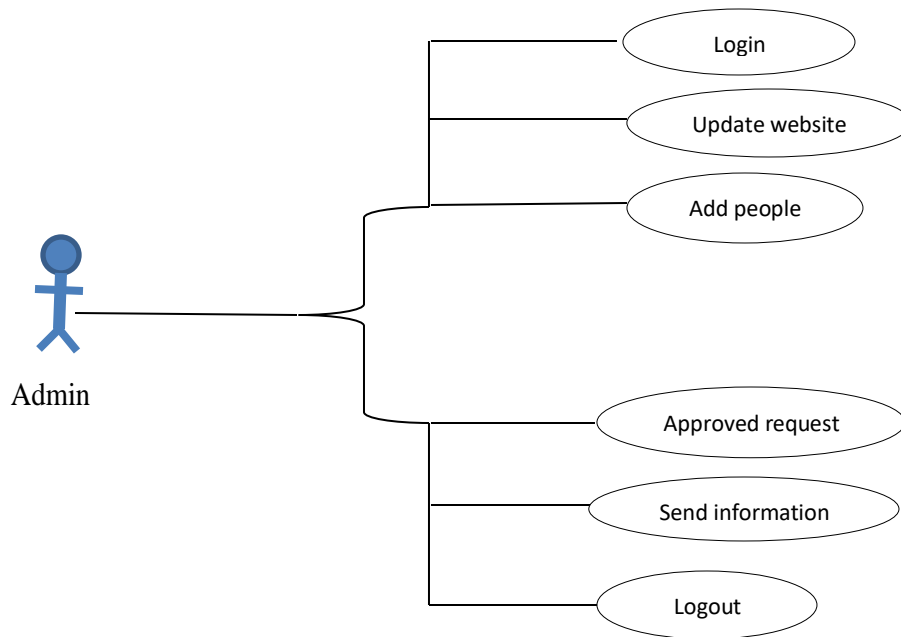


Figure 3.6: Use Case of Admin

TABLE 3.6: USE CASE-ADMIN

Use Case No	1.1
Use Case Name	Admin
Actor	Admin
Description	Permitting admin to login, include volunteer, overhaul site, send data, and log out to the framework.
Precondition	Admin ought to stay within the login page.
Trigger	Tap the “Login” Connect.
Flow Of Events	<ul style="list-style-type: none"> • Two content areas to provide input of the username and watchword separately. • Write the username and watchword on that field and tap the login button.
Post Condition	Admin logged into the framework.

User use case:

Clients are primarily charged paying individuals of the site. They can pay to assess, alter their profile but to begin with they have to be login or enlist (in the event that doesn't have an account). All clients can visit the site, check all required charge paying data, all individuals title and can contact with admin through the mail.

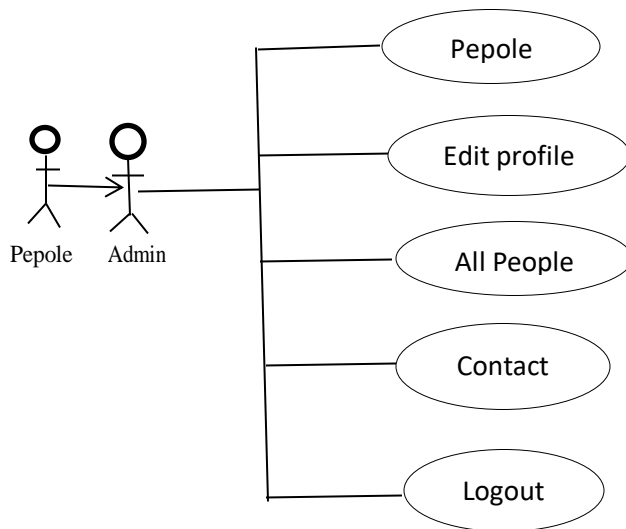


Figure 3.7: Use Case of User

TABLE 3.7: USE CASE OF USER

Utilize Case No	1.2
Utilize Case Title	User
Performing artist	Visitor
Portrayal	Permitting admin to login, include individuals, upgrade site, alter profile, contact with individuals, and logout to the framework.
Precondition	The client ought to stay within the enlistment and after that login, for ended up an installment page.
Trigger	Click the "Registration and Login" Link.
Stream Of Occasions	<ul style="list-style-type: none"> • Some content areas to grant input of the username, phone number, mail, and watchword individually for enlistment. • Two content areas to provide input of the username and watchword individually for login.

	<ul style="list-style-type: none">• Compose the username and secret word on that field and press the login button.
Post Condition	People logged into the system.

CHAPTER 4

DESIGN SPECIFICATION

4.1 Front-end Design

Front-end Arrange is the little dull region that joins the Charitable so splendid universe of Arrange that consolidates Shapes, Surfaces, Alter, Color, and Symmetry and Coherent Substance that is Front Conclusion Headway involving Border-span, Background-picture, Floats, Systems, and Flex box. Frontend organize fuses making the HTML, CSS, and JavaScript code, that produces up a customer interface. [9]

Some Designs are given:



Figure 4.1: Front-End (Home Page)

SCHEDULES SHOWING DETAILS OF INCOME

Pay & Allowance	Amount of Income(Tk.)	Amount of exempted income (TK)	Net taxable income(Tk.)
Basic pay	<input type="text" value="23"/>	<input type="text" value="23"/>	<input type="text" value="23"/>
Special pay	<input type="text" value="23"/>	<input type="text" value="0"/>	<input type="text" value="23"/>
Dearness allowance	<input type="text"/>	<input type="text"/>	<input type="text"/>
Conveyance allowance	<input type="text"/>	<input type="text"/>	<input type="text"/>
House rent allowance	<input type="text"/>	<input type="text"/>	<input type="text"/>
Medical allowance	<input type="text"/>	<input type="text"/>	<input type="text"/>
Servant allowance	<input type="text"/>	<input type="text"/>	<input type="text"/>
Leave allowance	<input type="text"/>	<input type="text"/>	<input type="text"/>
Honorarium / Reward/ Fee	<input type="text"/>	<input type="text"/>	<input type="text"/>
Overtime allowance	<input type="text"/>	<input type="text"/>	<input type="text"/>
Bonus / Ex-gratia	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other allowances	<input type="text"/>	<input type="text"/>	<input type="text"/>
Employer's contribution to Recognized Provident Fund	<input type="text"/>	<input type="text"/>	<input type="text"/>
Interest accrued on Recognized Provident Fund	<input type="text"/>	<input type="text"/>	<input type="text"/>
Deemed income for transport facility	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Update"/>			

LOGO

Address: This is address
 Email: admin@gmail.com
 Phone: +880 1637017926

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Figure 4.2: All income details

SCHEDULES SHOWING DETAILS OF INCOME

Particulars of Expenditure	Amount of Income(Tk.)	Comments
Personal and fooding expenses	<input type="text" value="12456"/>	<input type="text" value="something3"/>
Tax paid including deduction at source of the lastfinancial year	<input type="text" value="12456"/>	<input type="text" value="something4"/>
Accommodation expenses	<input type="text" value="12456"/>	<input type="text" value="something4"/>
Transport expenses	<input type="text" value="12546"/>	<input type="text" value="something34"/>
Electricity Bill for residence	<input type="text" value="1254"/>	<input type="text" value="something34"/>
Wasa Bill for residence	<input type="text" value="1254"/>	<input type="text" value="something"/>
Gas Bill for residence	<input type="text" value="122343"/>	<input type="text" value="something"/>
Telephone Bill for residence	<input type="text" value="12343"/>	<input type="text" value="something"/>
Education expenses for children	<input type="text" value="1234"/>	<input type="text" value="something"/>
Personal expenses for Foreign travel	<input type="text" value="1234"/>	<input type="text" value="something"/>
Festival and other special expenses, if any	<input type="text" value="1234222"/>	<input type="text" value="something"/>
Total Tk	1423798 Tk	

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Figure 4.3: Particulars of expenditure

Login

E-Mail Address

Password

Remember Me

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Figure 4.4: Login

Register

Name

E-Mail Address

Password

Confirm Password

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Figure 4.5: Registration

4.2 Back-end Design

The back-end, or the "server-side", is on a very basic level how the domain works, upgrades, and changes. This deduces to everything the client can't see interior the program, comparable to databases and servers. Making an excited zone requires back-end makers, or at most difficult to find back-end improvement. An enthusiastic territory can be a zone that is perseveringly changing and updated continuously. Most locales are enthusiastic districts, as constrained to lethargic areas. Facebook, Google Maps, and web journal are totally viewed as enthusiastic areas since their substance is perpetually changing and refreshing. An energetic area requires a database to work reasonably. All data is put missing inside the database, similar to customer profiles or pictures they've traded, or web journal posts. [10]

Some Designs are given:

The screenshot shows a database management interface with a search filter and a table overview. The search filter is labeled 'Filters' and contains the text 'Containing the word:'. Below the search filter is a table with the following columns: Table, Action, Rows, Type, Collation, Size, and Overhead. The table lists 9 tables: failed_jobs, income_details, income_statements, information, migrations, password_resets, tax_forms, tax_profiles, and users. The 'Sum' row shows 13 tables, InnoDB engine, latin1_swedish_ci collation, 160 KiB size, and 0 B overhead.

Table	Action	Rows	Type	Collation	Size	Overhead
failed_jobs	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
income_details	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
income_statements	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
information	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
migrations	★ Browse Structure Search Insert Empty Drop	9	InnoDB	utf8mb4_unicode_ci	16 KiB	-
password_resets	★ Browse Structure Search Insert Empty Drop	0	InnoDB	utf8mb4_unicode_ci	16 KiB	-
tax_forms	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16 KiB	-
tax_profiles	★ Browse Structure Search Insert Empty Drop	1	InnoDB	utf8mb4_unicode_ci	16 KiB	-
users	★ Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_unicode_ci	32 KiB	-
9 tables	Sum	13	InnoDB	latin1_swedish_ci	160 KiB	0 B

Figure 4.6: Database Overview

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
2	user_id	int(11)			No	None			Change Drop More
3	name	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
4	nid	varchar(191)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
5	utin	varchar(191)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
6	tin	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
7	circle	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
8	tax_zone	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
9	assessment_year	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
10	residential_status	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
11	status	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
12	name_of_business	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
13	wife_husband_name	varchar(191)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
14	father_name	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
15	mother_name	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
16	date_of_birth	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
17	present_address	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
18	permanent_address	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
19	phone_business	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
20	phone_residential	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
21	vat_registration_number	varchar(191)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
22	created_at	timestamp			Yes	NULL			Change Drop More
23	updated_at	timestamp			Yes	NULL			Change Drop More

Figure 4.7: Database Tax Profile Table

Server: 127.0.0.1 » Database: tax » Table: users

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
2	name	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
3	email	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
4	email_verified_at	timestamp			Yes	NULL			Change Drop More
5	password	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
6	image	varchar(191)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
7	remember_token	varchar(100)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
8	created_at	timestamp			Yes	NULL			Change Drop More
9	updated_at	timestamp			Yes	NULL			Change Drop More
10	address	varchar(191)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More
11	about	varchar(191)	utf8mb4_unicode_ci		Yes	NULL			Change Drop More

Check all With selected: Browse Change Drop Primary Unique Index Fulltext Add to central columns

Figure 4.8: Database user table

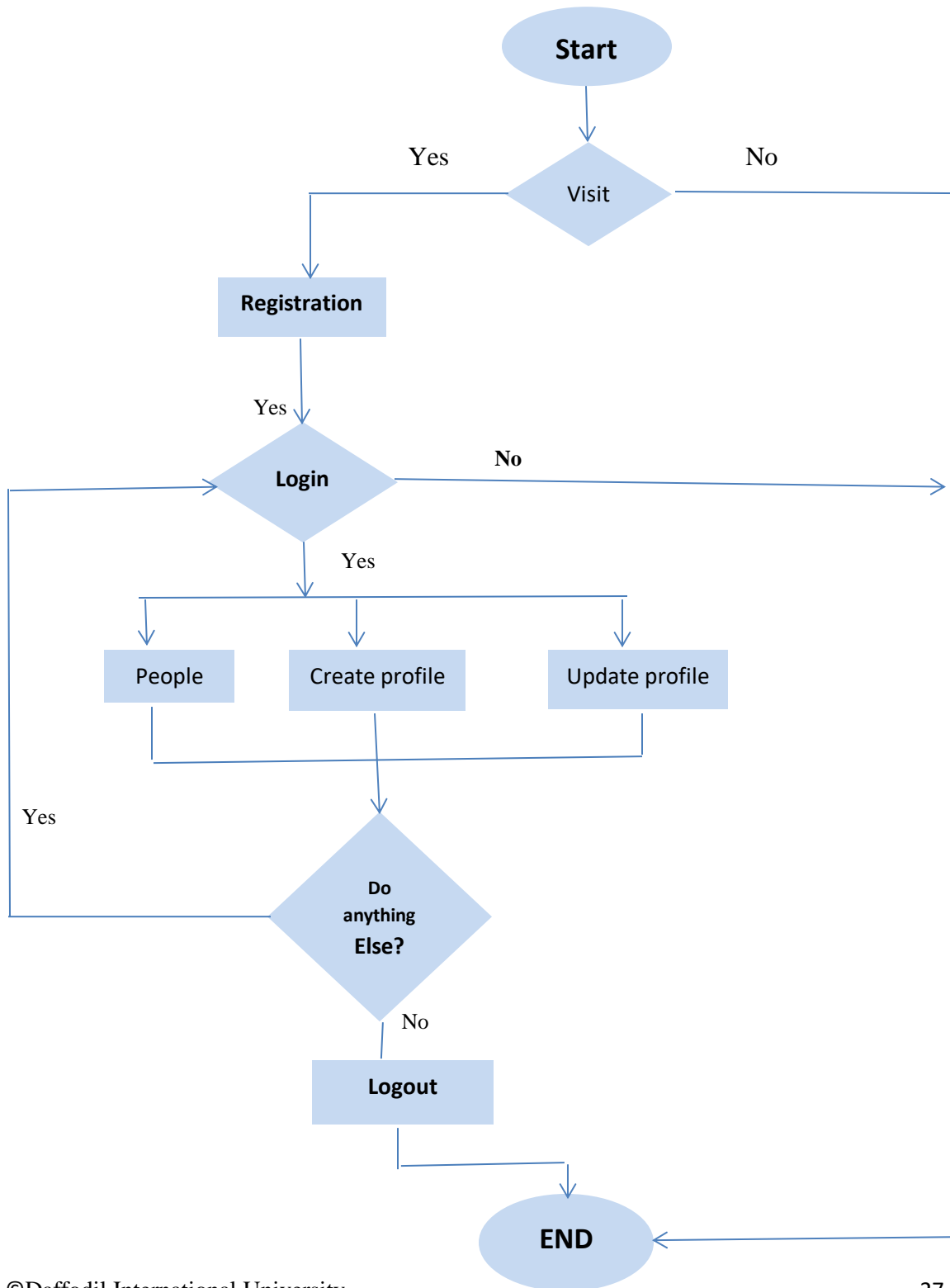
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	bigint(20)		UNSIGNED	No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2 user_id	int(11)			No	None			Change Drop More
<input type="checkbox"/>	3 field_1	int(11)			No	None			Change Drop More
<input type="checkbox"/>	4 field_1_comment	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
<input type="checkbox"/>	5 field_2	int(11)			No	None			Change Drop More
<input type="checkbox"/>	6 field_2_comment	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
<input type="checkbox"/>	7 field_3	int(11)			No	None			Change Drop More
<input type="checkbox"/>	8 field_3_comment	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
<input type="checkbox"/>	9 field_4	int(11)			No	None			Change Drop More
<input type="checkbox"/>	10 field_4_comment	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
<input type="checkbox"/>	11 field_5	int(11)			No	None			Change Drop More
<input type="checkbox"/>	12 field_5_comment	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
<input type="checkbox"/>	13 field_6	int(11)			No	None			Change Drop More
<input type="checkbox"/>	14 field_6_comment	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
<input type="checkbox"/>	15 field_7	int(11)			No	None			Change Drop More
<input type="checkbox"/>	16 field_7_comment	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
<input type="checkbox"/>	17 field_8	int(11)			No	None			Change Drop More
<input type="checkbox"/>	18 field_8_comment	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
<input type="checkbox"/>	19 field_9	int(11)			No	None			Change Drop More
<input type="checkbox"/>	20 field_9_comment	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
<input type="checkbox"/>	21 field_10	int(11)			No	None			Change Drop More
<input type="checkbox"/>	22 field_10_comment	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
<input type="checkbox"/>	23 field_11	int(11)			No	None			Change Drop More
<input type="checkbox"/>	24 field_11_comment	varchar(191)	utf8mb4_unicode_ci		No	None			Change Drop More
<input type="checkbox"/>	25 created_at	timestamp			Yes	NULL			Change Drop More
<input type="checkbox"/>	26 updated_at	timestamp			Yes	NULL			Change Drop More

Figure 4.9: Database Tax From Table

4.3 Flow Chart

1. Admin or client begins with enrollment gets prepared.
2. Either he/she logs in as admin or client.
3. In case client need to pay assess, he will unquestionably enrollment to begin with at that point login and begin giving this data.
4. Within the occasion that his ID and watchword isn't balanced, he would go back to the login.
5. In case client ID and secret word is redress he can see his profile and subtle elements.

6. After doing this prepare on the off chance that there's nothing to do, he may exit the application.



CHAPTER 5

IMPLEMENTATION AND TESTING

5.1 Implementation:

The use (program) reason of see depicts program use in a particular turn of events. Inner parts the UP, Execution chooses to program and building the system, not sending it. Internal parts the use sort out, the originator makes the parts either with no strategy or by piece given the course of movement report from the masterminding association and the predefined record from the appraisal coordinate. The structure record must be give heading. An unobtrusive bundle of the time oversees issues of respect, execution, and appraisal. The end deliverable of the use manufacture is essentially the thing.

5.1.1 Tools: Taking after are the programming dialect and contraptions used inside the upgrade of this expand: HTML5, CSS, Bootstrap 4, JavaScript, XAMPP, Ajax, OOP, PHP, Adobe Craftsman, Brilliant Substance 3.

5.2 Testing

System Testing: The testing arrangement could be a essentially fundamental parcel of advancement and organizing. Sooner or a short time later, various organizations that make computer programs have come to the realization that they need to organize a quality assertion advantage framework.

5.2.1 Why Software Testing is Essential: Computer program Testing is an imperative location in this venture. Taking after the types:

- Software testing finding the error.
- Customer's unwavering quality and their fulfillment within the application.

- Its required to remain within the business.
- System testing may be exceptionally vital to guarantee quality of the product.
- Every extends required Framework testing.

5.2.2 Black Box Testing: Upsetting Box Testing can be a technique for thinking of PC program testing it might be an essential zone inner parts the framework testing. This system of test can be connected on an exceptionally essential level to every level of PC program testing. So each meander required somber box testing. Despondent Box Testing can be either utilitarian or non-reasonable.

5.2.3 White box testing: White Box Testing likely might be a system of program testing it might be a principal area internal parts the structure testing. A PC program testing strategy whereby unequivocal information of the inward works out of the thing being tried are used to choose the test information.

5.2.4 Test Case: A test likely might be an accreditation of the wellsprings of data, execution conditions, testing strategy, and foreseen comes generally that portray a solitary test to be executed to energize it a specific program testing objective, for graph, to work out a specific program course or to bear witness to consistence with a particular fundamental.

5.3 Test Results and Reports

Venture Test Case: An undertaking can be an insistence of the wellsprings of data, execution conditions, testing approach, and foreseen comes almost that delineate a solitary test to be executed to start it a specific program testing objective, for design, to work out a specific program course or to ask consistence with a particular huge.

Test Case Name: Check User Registration System

TABLE 5.1: TEST CASE OF CHECK USER REGISTRATION SYSTEM

Test Case Id	Test Case Description	Pre-Condition	Expected Output	Actual Output	Result	Tested On
1. Show the Application_01	To begin with open The wanted browser	Tested browsers- Firefox Google Chrome Opera	To show the pages successfully	Showed the pages successfully	clear	17-03-2020
2. User_Test_02	Client visits the site regularly	Client must have a browser	User display the homepage	Client effectively visits the site	clear	17-03-2020
3.Registration_03	Client visit and in the event that he needs to enrollment	Client must visits the site to begin with	Client want to registration	Effectively registration	clear	17-03-2020
4. Login_04	Client ought to visit the location and to begin with enlistment to begin with.	Must enrollment to begin with	Login the site	Effectively login the site	clear	17-03-2020

Test Case Name: Check User Donate System

TABLE 5.2: TEST CASE OF CHECK USER DONATE SYSTEM

Test Case Id	Test Case Description	Pre-Condition	Expected Output	Actual Output	Result	Tested On
1. Show the Application_01	To begin with open The wanted browser	Tested browsers- Firefox Google Chrome Opera	To display the pages effectively	Show the pages effectively	clear	17-03-2020
2. User Registration Test_o2	Client visit and if he wants to registration	Client must visits the website first	Client want to registration	User Effectively registration	clear	17-03-2020
3. See_User_Now_Button_03	Client visit and if he wants to donate	Client must registration first	Client want to pay tax	Effectively see reach donation option	clear	17-03-2020
4. Submit_User_now_option_o4	Client should visit the site and first registration and submit options	Must registration first	Want to pay tax	Effectively pay tax	clear	17-03-2020

CHAPTER 6

CONCLUSION AND FUTURE SCOPE

6.1 Discussion and Conclusion

Creating nations confront numerous sorts of issues and challenges within the colossal errand of assess collection. To begin with, these nations have difficulties in distinguishing surpluses within the economy on account of their moo GNP, moo rate of capital arrangement, destitution, unemployment, higher populace thickness, etc. Moment, their chances of charge collection are assist lessened on account of transcendently cash exchanges with no trails, a huge black economy, and uncontrolled assess avoidance. Third, there's a need of political will control to gather incomes that comes about in a contract charge base on account of a number of politically propelled charge exemptions and findings. Citizens and citizens in creating nations moreover endure in numerous ways. To begin with, there's less improvement since of a scarcity of reserves with the government and corruption in higher places. Moment, with the prevalence of backward circuitous charges, the poorer segment of society must give up a greater share of wage in charges compared to wealthier.

6.2 Limitations

- Our application encompasses a few confinements. We are going to overcome these impediments in the future. Some of the foremost controls are-.
- Only made for the site. A few highlights need to be included such as developments and widgets.

6.3 Future Scopes

- Our range information needs greater limit inside the more drawn out, term so we'll associate this with an increasingly fundamental database framework, for example, Prophet Database or Microsoft SQL Server.
- We are going set all the more additional features to make it more stimulated to satisfy increasingly pivotal associations and make this zone trusted by themed.

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