Green University of Bangladesh

Department of Computer Science and Engineering (CSE)
Semester: (Fall, Year: 2022), B.Sc. in CSE (Day)

Login-based CENSUS website using HTML, CSS, JavaScript and PHP.

Course Title: Web Programming Lab
Course Code: CSE 302
Section: 203D1

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[For teachers use only: Don't write anything inside this box]

Lab Project Status	
Marks:	**Signature:**
Comments:	**Date:**

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Chapter 1

Introduction

1.1 Overview

This project works mainly on people who are Bangladesh regular citizens with their Birth ID as well as National ID. This login-based CENSUS Website helps people to add their information to the CENSUS Database. So I created this website where people, under the supervision of an admin, can add their information to the Census Database. The admin can see the total number of how many people who add their information. If any citizen has not had their NID or Birth Certificate number then he/she cannot add their information to this. In this project, I made the NID number or Birth Certificate number the primary key so that anyone cannot add their information twice.

1.2 Motivation

Most of our country's people nowadays don't get distinct services rendered by the government. Most individuals are unfamiliar with their rights. Firstly, govt. A lot of expenditure to calculate the precise population quantity. So it's a time-consuming and expensive method that often demonstrates the worst outcome. For instance, if I ask someone what the precise amount of people in Bangladesh is right now, there should be no correct response. Because there are many issues in the Traditional census scheme to count the real number of individuals. I intended to digitalize the census system here.

1.3 Problem Definition

1.3.1 Problem Statement

The main aim of the development of this project is to ease the work of manual census. This web-based project will help the respondents to complete the census via the internet. Being online means it is available and free of charge to any. The traditional method involves many difficulties. Nowadays in this fast world of technology, it is very important to complete a work in a speedy manner. Using this website users can register into

the system can fill in their details like Name, NID, Birth Certificate number, Address, Education and Qualification, DOB, Household details, etc.

1.3.2 Complex Engineering Problem

The following table must be completed according to your above discussion in detail. The column on the right side should be filled only on the attributes you have chosen to be touched by your own project.

Table 1.1: Summary of the attributes touched by the mentioned projects

Name of the P Attributess	**Explain how to address**
P1: Depth of knowledge required	HTML, CSS, JavaScript, PHP, and SQL.
P2: Range of conflicting requirements	Front-End and Back-End development.
P3: Depth of analysis required	—-
P4: Familiarity of issues	—-
P5: Extent of applicable codes	—-
P6: Extent of stakeholder involvement and conflicting requirements	—-
P7: Interdependence	HTML form is dependent on PHP for linkup the Database

1.4 Design Goals/Objectives

A national census provides the most detailed information on the numbers in the population, its territorial spread, socio-demographic and professional structures, and the socioeconomic specificity of households and families, as well as their resources and dwelling conditions at all levels of the country's territorial division: national, regional, and local.

• Calculate the number of overall people • Retrieving the actual number of voters. • The ratio of males and females. • The number of employed in every category and unemployed and yet a student. etc.

1.5 Application

This project can be used as a population census system for our country. It will reduce the time, money, and effort needed to calculate the total population of our country.

Chapter 2

Design/Development/Implementation of the Project

2.1 Introduction

CENSUS Website has some key features. On this website, no one enters the same information twice. These features will be discussed in detail in the project Details section.

2.2 Project Details

2.2.1 Home

This homepage contains basic information about the project. It also includes the admin login and user login buttons.

2.2.2 Registration

This page is only for users. They need to register first then they are able to log in. Otherwise, no one can enter this website.

2.2.3 After user log in

This page has some links like Bangladesh and our Green University. There are user information submission links.

2.2.4 User Personal Information

There is a form to submit about the user's personal information.

2.2.5 User Address Information

There is a form to submit about the user's Address information.

2.2.6 User Household Information

There is a form to submit about the user's Household information.

2.2.7 User Feedback

There is a comment box. If anyone from users can say something about this site or any inconvenience appearances, they can send a message through this form.

2.2.8 Admin Home

This page contains the data, which data are submitted by the citizens of Bangladesh. Admin can edit or delete data from these tables.

Chapter 3

Performance Evaluation

3.1 Results Analysis/Testing

3.1.1 Home

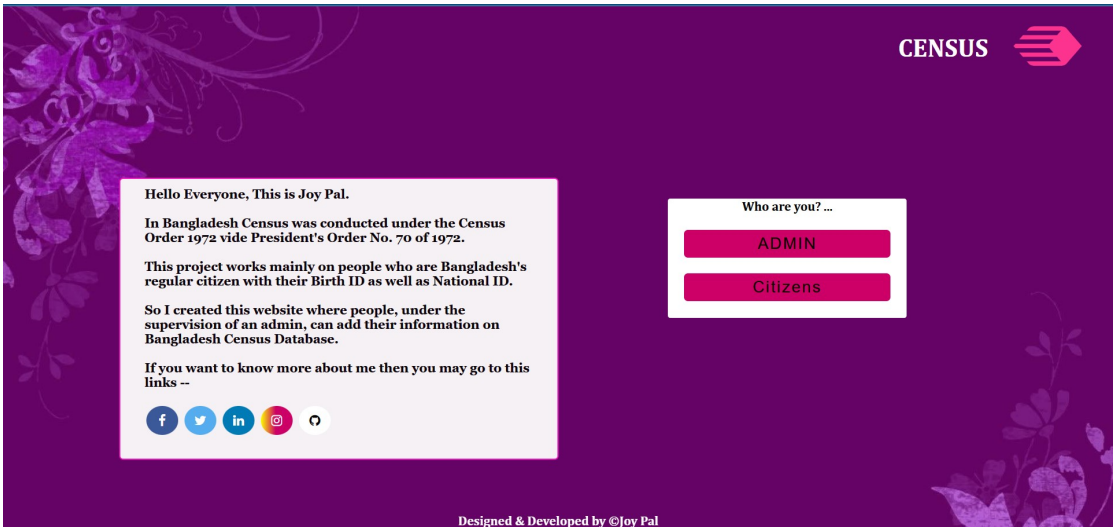


Figure 3.1: Homepage

3.1.2 Citizens Login

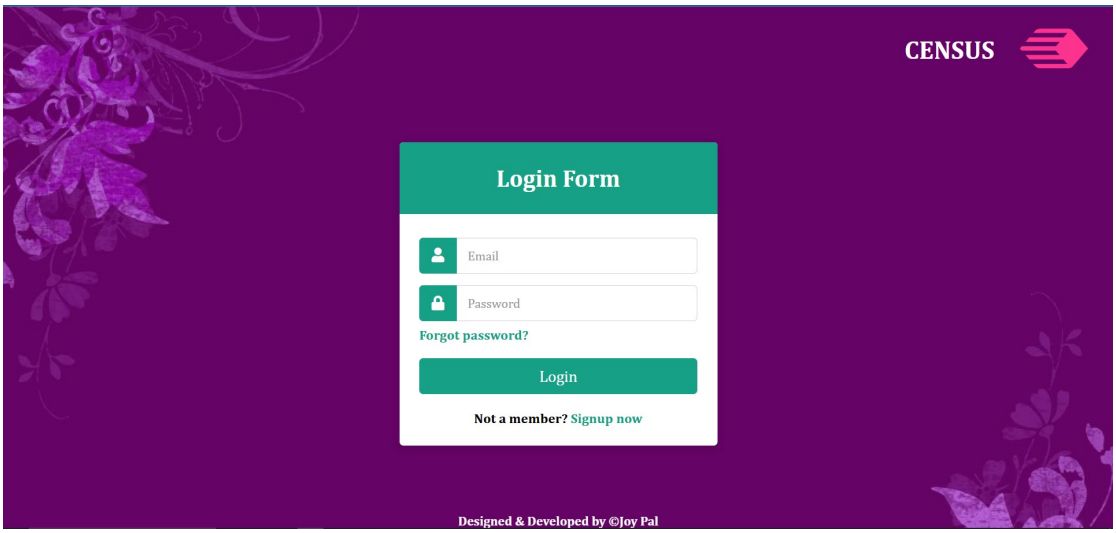


Figure 3.2: Citizens Login Page

3.1.3 Citizens Registration

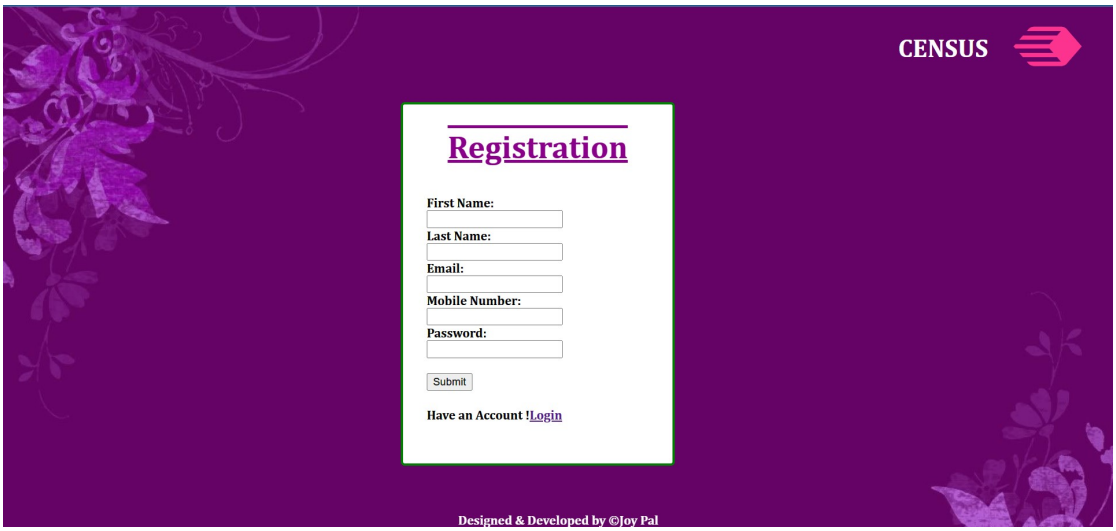


Figure 3.3: Citizens Register Page

3.1.4 After Login

Figure 3.4: After Login Home Page

3.1.5 Citizens Personal Information

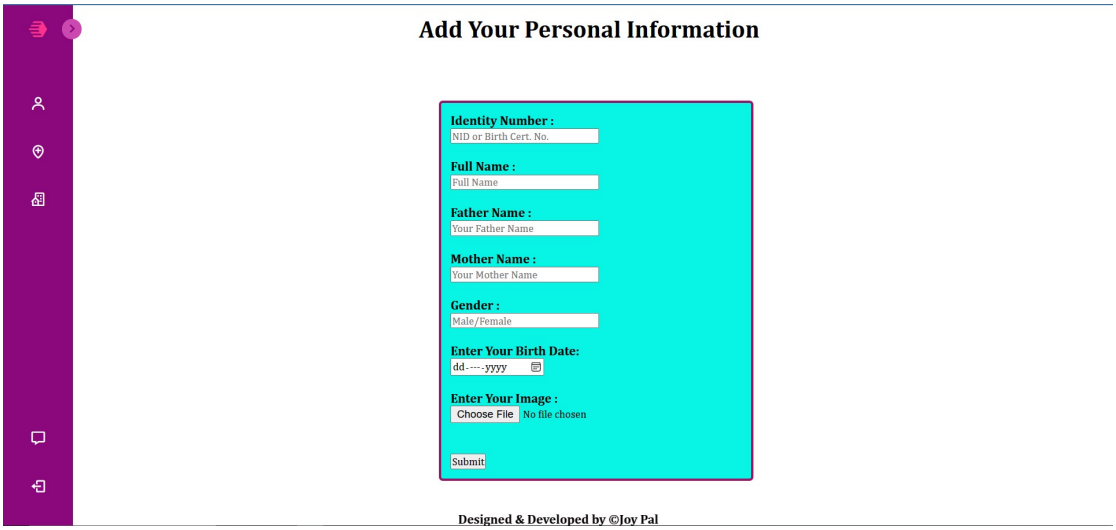


Figure 3.5: Citizens Personal Info

3.1.6 Citizens Address Information

Figure 3.6: Citizens Address Info

3.1.7 Citizens Household Information

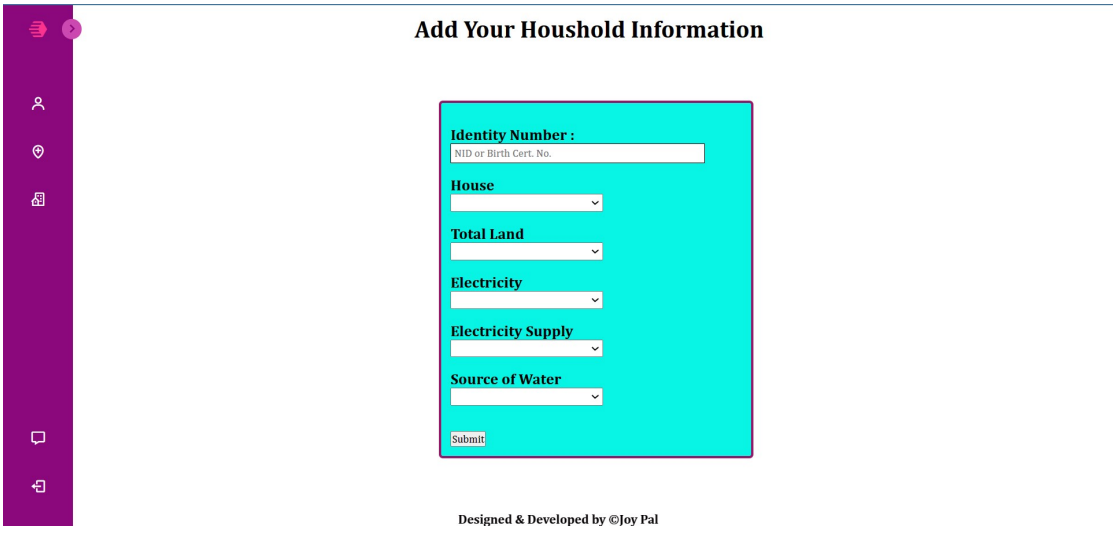


Figure 3.7: Citizens Register Page

3.1.8 Citizens Feedback Information

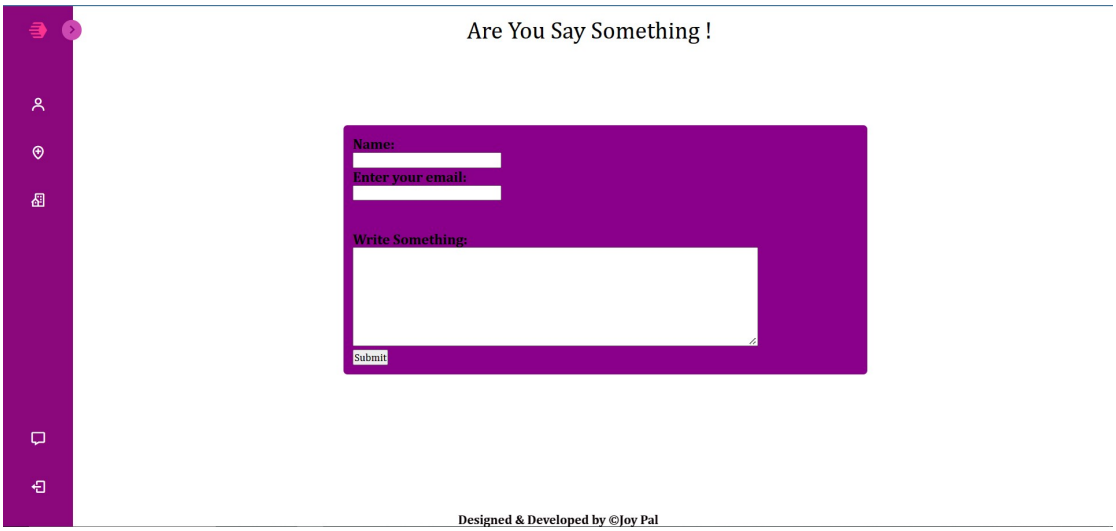


Figure 3.8: Citizens Feedback Page

3.1.9 Admin Login

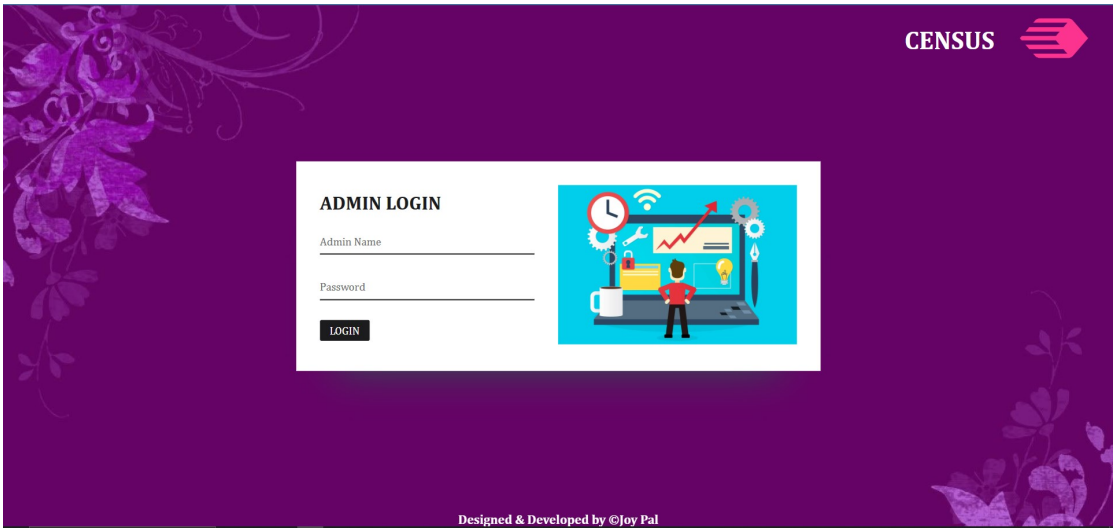


Figure 3.9: Admin Login

3.1.10 Admin Home

Figure 3.10: Admin Homepage

3.1.11 Admin Side 1

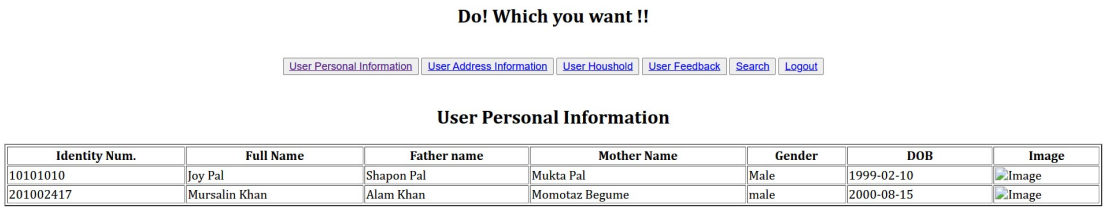


Figure 3.11: User Personal Info

3.1.12 Admin Side 2

Do! Which you want !!

User Personal Information | User Address Information | User Houshold | User Feedback | Search | Logout

User Address Information

Identity Num.	Street Address	Postal Code	City	Country
10101010	Puran Dhaka	1100	Dhaka	Bangladesh
201002410	jhsg	135	Barishal	Malaysia
201002412	dhaka	122	Barishal	Malaysia
201002418	Tatibazar	1100	Dhaka	Bangladesh

Figure 3.12: User Address Info

3.1.13 Admin Side 3

Do! Which you want !!

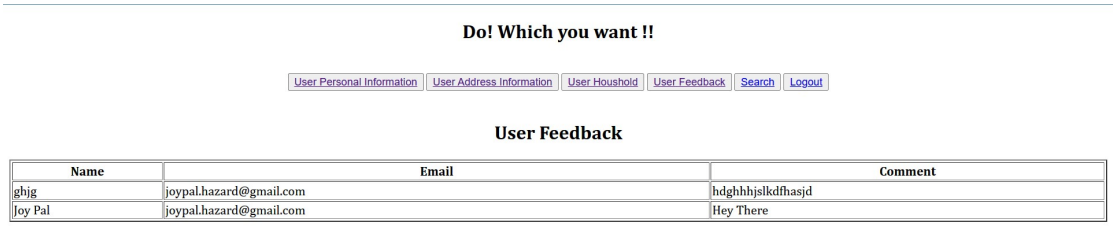
User Personal Information | User Address Information | User Houshold | User Feedback | Search | Logout

User Houshold Information

Identity Num.	Houshold	Total Land	Electricity	Electricity Supply	Source of Water
10101010	rent	noland	yes	DPDC	suply
201002417	own	noland	no	None	suply
201002418	own	belowoneacre	yes	Pallibiddyot	tubewell

Figure 3.13: User Household Info

3.1.14 Admin Side 4



Do! Which you want !!

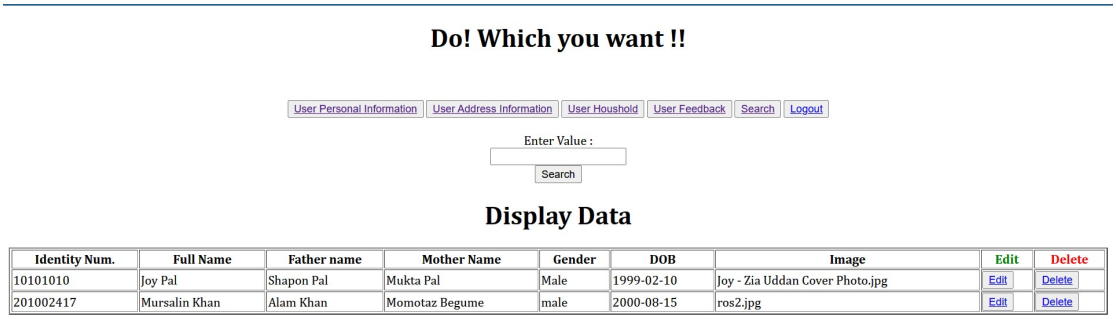
User Personal Information | User Address Information | User Houshold | User Feedback | Search | Logout

User Feedback

Name	Email	Comment
ghjg	joypal.hazard@gmail.com	hdghhhjslkdfhasjd
Joy Pal	joypal.hazard@gmail.com	Hey There

Figure 3.14: User Feedback

3.1.15 Admin Search



Do! Which you want !!

User Personal Information | User Address Information | User Houshold | User Feedback | Search | Logout

Enter Value :

Search

Display Data

Identity Num.	Full Name	Father name	Mother Name	Gender	DOB	Image	Edit	Delete
10101010	Joy Pal	Shapon Pal	Mukta Pal	Male	1999-02-10	Joy - Zia Uddan Cover Photo.jpg	Edit	Delete
201002417	Mursalin Khan	Alam Khan	Momotaz Begume	male	2000-08-15	ros2.jpg	Edit	Delete

Figure 3.15: Admin Search

3.1.16 Database

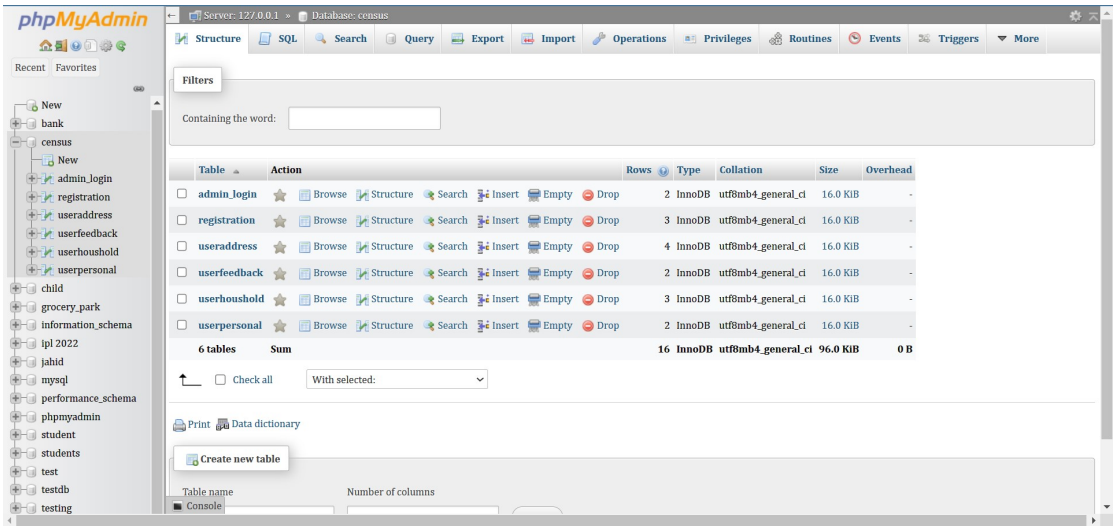


Figure 3.16: Database

Chapter 4

Conclusion

4.1 Discussion

The Census website System is an online census service-based website. Nowadays it is very essential for the fastest-growing country like ours. It can decrease govt. cost and make easier our life in many ways. Most people don't know which services are rendered by govt. to them. For this reason, our website will help to find out and enlist as a citizen of Bangladesh. This task gives a wide range of facilities that people need to fulfill. Through this project, a man can effortless life from this site. The site gives this by its handles all patient requests and ease of use. At long last rundown of view. Our future hope is to build up a nation that is technically and educationally sound. Most of the people of our country are illiterate. Good service of education is needed for every person. Through this website, all people of our country can come to acknowledge the responsible.

4.2 Limitations

The complete enumeration of the population requires a lot of time, money, manpower, and administrative personnel. As such this method can be adopted only by the government and big organizations that have vast resources at their disposal. Since the entire population is to be enumerated, the census method is usually very time-consuming. If the population is sufficiently large, then it is possible that the processing and the analysis of the data might take so much time that when the results are available, they are not of much use because of changed conditions.

4.3 Scope of Future Work

In the future, I will add more features to this system. I will add the user edit or delete option in this project. Spread this division-wise. I will try to build it mobile application.