



*Green University of Bangladesh*

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

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

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

### Students Details

<b>Name</b>	<b>ID</b>
Joy Pal	201002418

*Submission Date: 09 January, 2023  
Course Teacher's Name: Md. Jahidul Islam*

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

<u><b>Lab Project Status</b></u>	
<b>Marks:</b>	<b>Signature:</b>
<b>Comments:</b>	<b>Date:</b>

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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 Attributes	Explain how to address
<b>P1:</b> Depth of knowledge required	HTML, CSS, JavaScript, PHP, and SQL.
<b>P2:</b> Range of conflicting requirements	Front-End and Back-End development.
<b>P3:</b> Depth of analysis required	—
<b>P4:</b> Familiarity of issues	—
<b>P5:</b> Extent of applicable codes	—
<b>P6:</b> Extent of stakeholder involvement and conflicting requirements	—
<b>P7:</b> 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

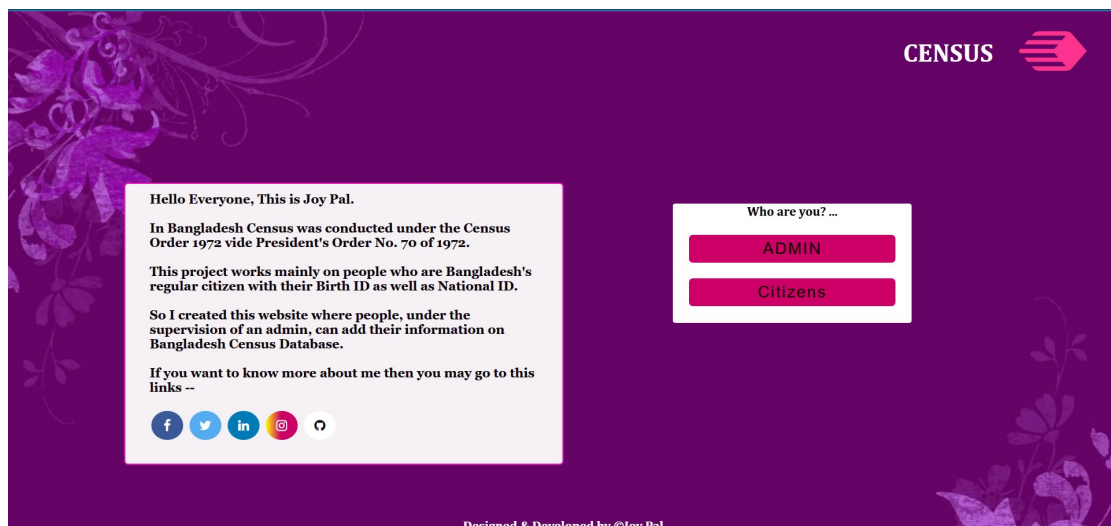
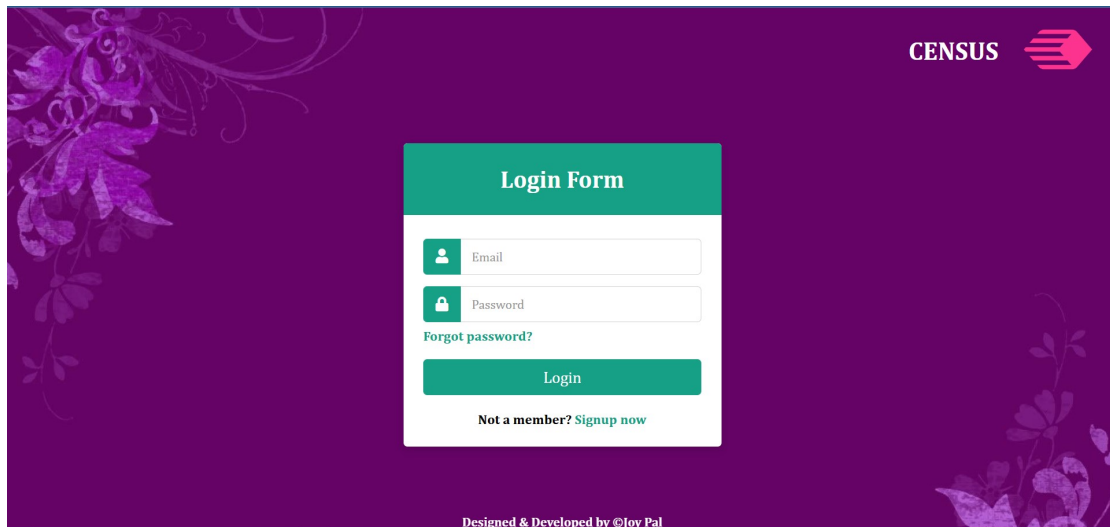


Figure 3.1: Homepage



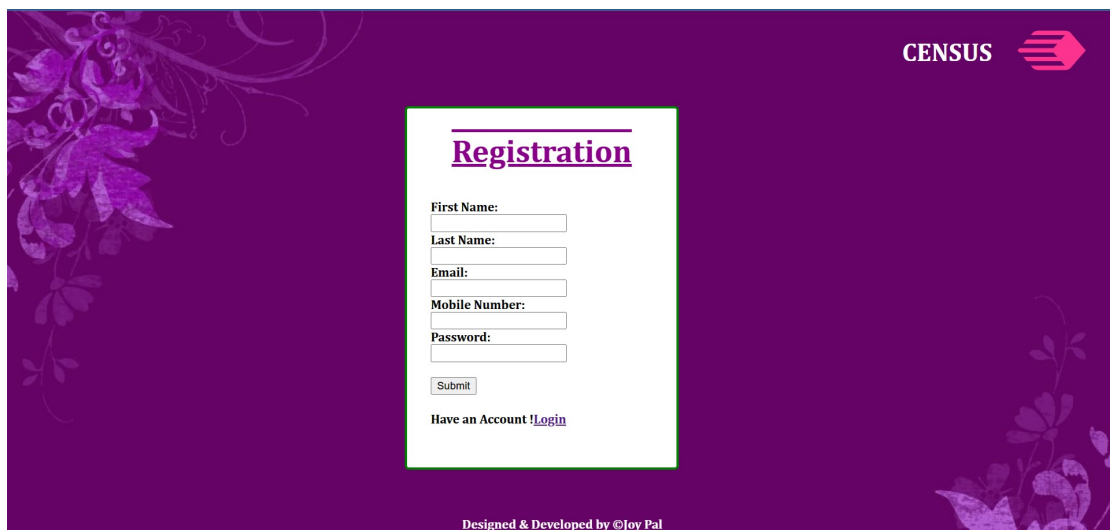
### 3.1.2 Citizens Login



The image shows a web page for citizen login. The background is a solid blue color with decorative floral patterns in the top-left and bottom-right corners. In the top-right corner, the word "CENSUS" is written in white, followed by a red icon of a hand with five fingers spread. The main content is a white rectangular box with a blue header that says "Login Form". Inside the box, there are two input fields: "Email" with a person icon and "Password" with a lock icon. Below these fields is a link that says "Forgot password?". At the bottom of the box is a blue button labeled "Login". Below the button, there is a link that says "Not a member? Signup now". At the very bottom of the page, in small white text, it says "Designed & Developed by ©Joy Pal".

Figure 3.2: Citizens Login Page

### 3.1.3 Citizens Registration



The image shows a web page for citizen registration. The background is a solid blue color with decorative floral patterns in the top-left and bottom-right corners. In the top-right corner, the word "CENSUS" is written in white, followed by a red icon of a hand with five fingers spread. The main content is a white rectangular box with a blue header that says "Registration". Inside the box, there are five input fields: "First Name:", "Last Name:", "Email:", "Mobile Number:", and "Password:". Below these fields is a blue button labeled "Submit". Below the button, there is a link that says "Have an Account ?Login". At the very bottom of the page, in small white text, it says "Designed & Developed by ©Joy Pal".

Figure 3.3: Citizens Register Page

### 3.1.4 After Login



Figure 3.4: After Login Home Page

### 3.1.5 Citizens Personal Information

The screenshot shows the 'Add Your Personal Information' form. The form is titled 'Add Your Personal Information' and contains the following fields: 'Identity Number : NID or Birth Cert. No.', 'Full Name : Full Name', 'Father Name : Your Father Name', 'Mother Name : Your Mother Name', 'Gender : Male/Female', 'Enter Your Birth Date: dd-.-.yyyy', and 'Enter Your Image : Choose File No file chosen'. A 'Submit' button is located at the bottom of the form. The sidebar on the left is purple and contains the same navigation links as in Figure 3.4. At the bottom center, it says 'Designed & Developed by ©Joy Pal'.

Figure 3.5: Citizens Personal Info

### 3.1.6 Citizens Address Information

**Add Your Address**

**Identity Number :**  
NID or Birth Cert. No.

**Street address**

**ZIP or Postal Code**

**City**

**Country or Region**

**Submit**

Designed & Developed by ©Joy Pal

Figure 3.6: Citizens Address Info

### 3.1.7 Citizens Household Information

**Add Your Household Information**

**Identity Number :**  
NID or Birth Cert. No.

**House**

**Total Land**

**Electricity**

**Electricity Supply**


**Source of Water**

**Submit**

Designed & Developed by ©Joy Pal

Figure 3.7: Citizens Register Page

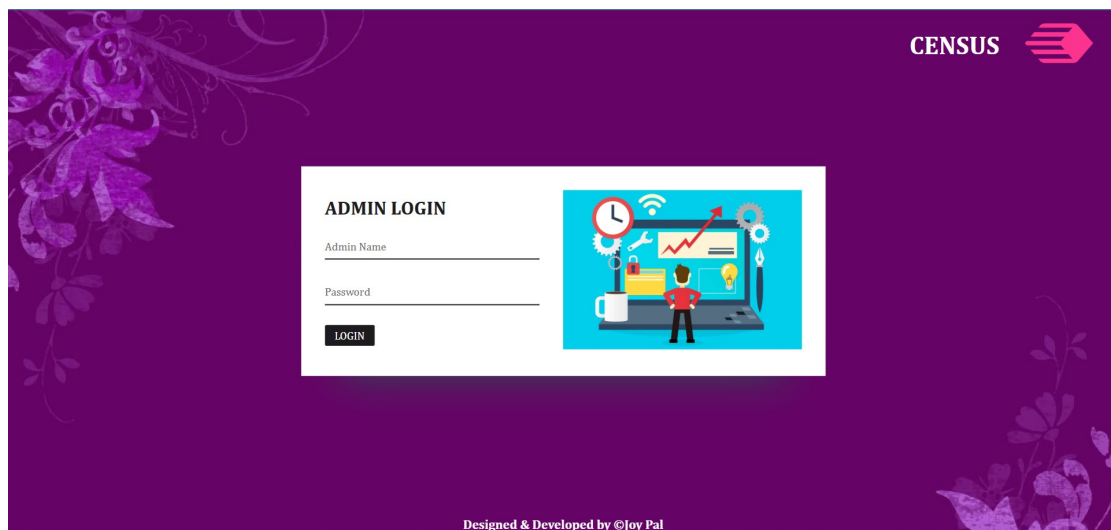
### 3.1.8 Citizens Feedback Information



The screenshot shows a web page titled "Are You Say Something !". On the left is a vertical purple sidebar with icons for home, user profile, feedback, and other functions. The main content area has a purple header with the title. Below the header is a feedback form with fields for "Name:", "Enter your email:", and "Write Something:". A "Submit" button is at the bottom of the form. The footer text reads "Designed & Developed by ©Joy Pal".

Figure 3.8: Citizens Feedback Page

### 3.1.9 Admin Login



The screenshot shows an "ADMIN LOGIN" page. The background is purple with decorative floral patterns on the left and right. In the top right corner, the word "CENSUS" is displayed next to a pink hand icon. The login form is a white box containing the title "ADMIN LOGIN", input fields for "Admin Name" and "Password", and a "LOGIN" button. To the right of the form is a blue illustration of a person at a laptop with various icons like a clock, Wi-Fi, and a lightbulb. The footer text reads "Designed & Developed by ©Joy Pal".

Figure 3.9: Admin Login

### 3.1.10 Admin Home

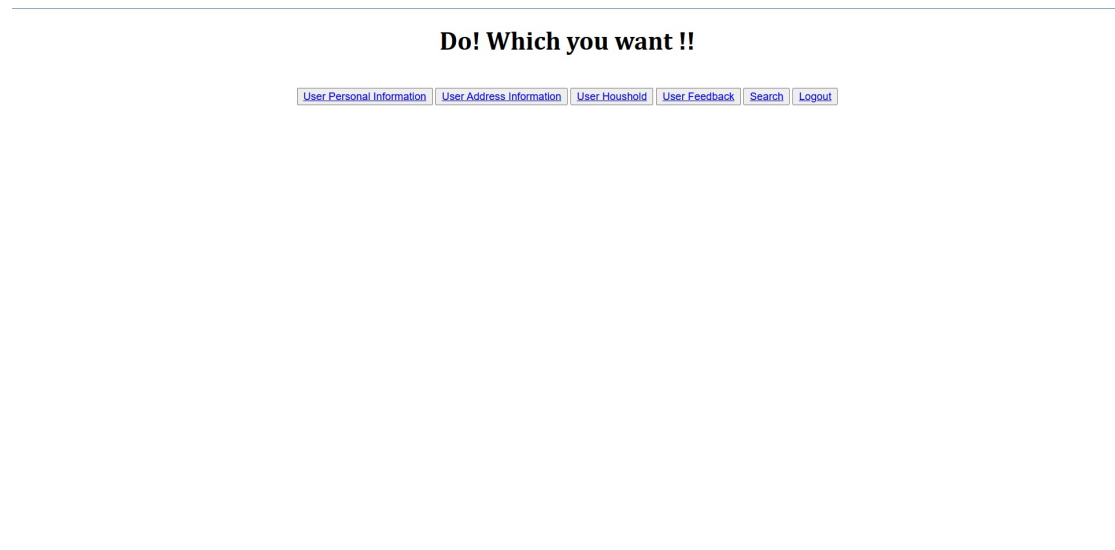


Figure 3.10: Admin Homepage

### 3.1.11 Admin Side 1

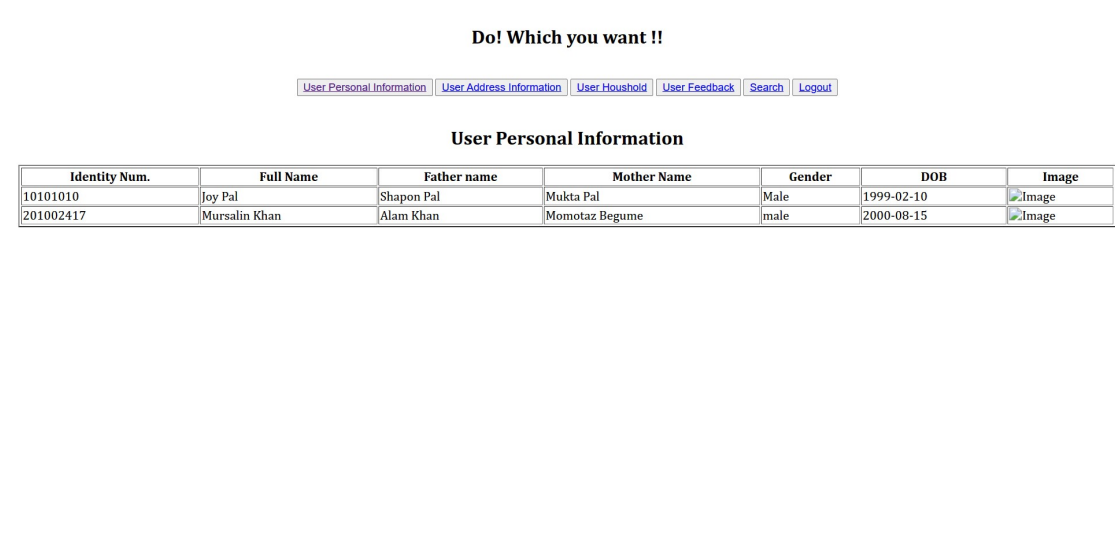


Figure 3.11: User Personal Info

### 3.1.12 Admin Side 2

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**Do! Which you want !!**

[User Personal Information](#) [User Address Information](#) [User Household](#) [User Feedback](#) [Search](#) [Logout](#)

**User Address Information**

Identity Num.	Street Address	Postal Code	City	Country
10101010	Puran Dhaka	1100	Dhaka	Bangladesh
201002410	jhsq	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

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**Do! Which you want !!**

[User Personal Information](#) [User Address Information](#) [User Household](#) [User Feedback](#) [Search](#) [Logout](#)

**User Household Information**

Identity Num.	Household	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

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**Do! Which you want !!**

[User Personal Information](#) [User Address Information](#) [User Houshold](#) [User Feedback](#) [Search](#) [Logout](#)

**User Feedback**

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

Figure 3.14: User Feedback

### 3.1.15 Admin Search

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**Do! Which you want !!**

[User Personal Information](#) [User Address Information](#) [User Houshold](#) [User Feedback](#) [Search](#) [Logout](#)

Enter Value :

**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	<a href="#">Edit</a>	<a href="#">Delete</a>
201002417	Mursalin Khan	Alam Khan	Momotaz Begume	male	2000-08-15	ros2.jpg	<a href="#">Edit</a>	<a href="#">Delete</a>

Figure 3.15: Admin Search

## 3.1.16 Database

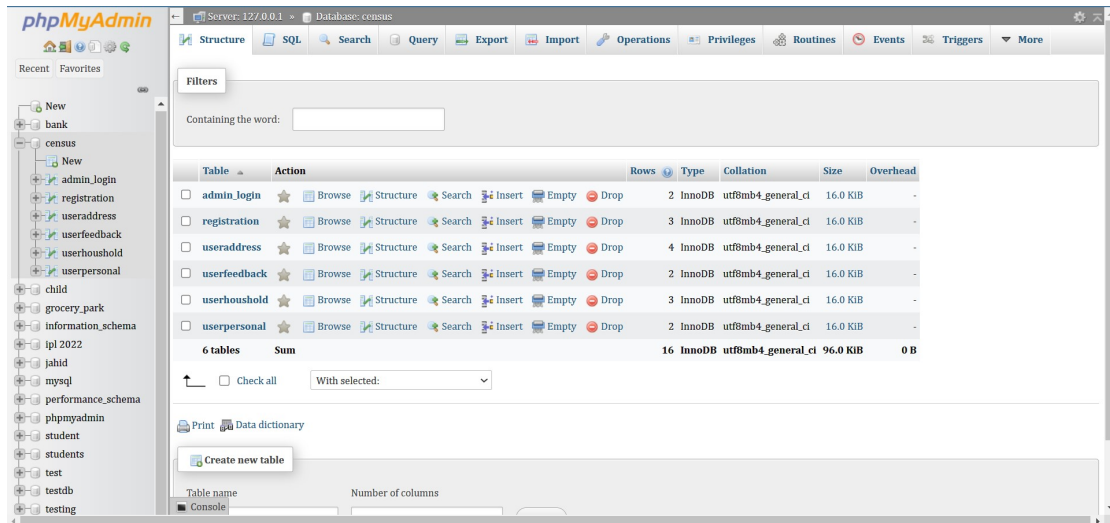


Figure 3.16: Database



# **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.