Social Site Bd

.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
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APPROVAL

The project titled "**Social Site BD**" submitted by **Md. Ruhul Amin** (**CSE1701010026**), **Anfal Ebna Galib** (**CSE1701010053**), **Md Saddam Hossain** (**CSE1701010076**) and **Md. Sirajul Islam** (**CSE1603009005**) to the Department of Computer Science and Engineering, Sonargaon University (SU), has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Computer Science and Engineering and approved as to its style and contents.

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DECLARATION

We, hereby, declare that the work presented in this report is the outcome of the investigation performed by us under the supervision of **Emam Hossen, Lecturer,** Department of Computer Science and Engineering, Sonargaon University, Dhaka, Bangladesh. We reaffirm that no part of this project has been or is being submitted elsewhere for the award of any degree or diploma.

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ABSTRACT

This project aimes in developing a Social Site BD (SSBD). The entire project has been developed keeping in view of the distributed client server computing technology, in mind. The Social Site BD is to create an e-Information about the Social site t related to donating the Social media. Through this website, any person who is interested in Share status, Message, Job Search Blood Search etc. who can register himself. Moreover, if any people wants to make request blood, job or people online, he can also take the help of this site. Admin is the main authority who can do addition, deletion, and modification if required. The project has been planned to be having the view of distributed architecture, with centralized storage of the database. The website for the storage of the data has been planned. Using the constructs of SQL Server and all the user interfaces have been designed using the ASP.Net technologies.

ACKNOWLEDGMENT

At the very beginning, we would like to express my deepest gratitude to the Almighty Allah for giving us the ability and the strength to finish the task successfully within the schedule time.

We are auspicious that we had the kind association as well as supervision of **Emam Hossen**, **Lecturer**, Department of Computer Science and Engineering, Sonargaon University whose hearted and valuable support with best concern and direction acted as necessary recourse to carry out our project.

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We are also thankful to all our teachers during our whole education, for exposing us to the beauty of learning.

Finally, our deepest gratitude and love to my parents for their support, encouragement, and endless love.

LIST OF ABBREVIATIONS

CPU   -   Central Processor Unit
CSS   -   Cascading Style Sheet
HTML   -   Hyper Text Markup Language
PHP   -   Hypertext Preprocessor
RAM   -   Random Access Memory
RDBMS   -   Relational Database Management System
ROM   -   Read Only Memory
SQL   -   Structured Query Language
SSBD   -   Social Site BD
UI   -   User Interface

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CHAPTER-1
INTRODUCTION TO SITE WITH FEATURE AND METHOD.

1.1 Introduction

The system that is going to be developed is "Information and Communication System". This is a web-based application that is used by people. Its personal blog system and communication system. Anyone can join here and post his opinion by his own id. He can like, comment and share any public post. He can be able to add his education qualification according to year, major group and exam name perfectly.

1.2 Objectives

Bringing a new chapter in the continuation of the current world relying on information technology Social Site BD is a site for social networking media. It is a platform for sharing our day-to-day life and thoughts by using electronic media. We can present to the world the name of our country, so we have named this site our social site BD. our site represent our country with new feature.

1.3 Features of Social Site BD

1) Ability to extensively customize individual profiles.
2) User will be able add, edit and delete his living, office and home address by division, district, thana, post office and village.
3) User will be able add, edit and delete his education qualification.
4) One to one live chat
5) User can post shared public, private and friends
6) User can like and comment on posts
7) Find people by user name, email, mobile, profession, blood
8) User can add his own company and Job post here
9) User find job here
10) View job details here
11) Apply here by click Apply job button
12) Company owner can see who has applied his job post
13) Ability to Expand User Following
14) Privacy and Security.
15) Notification and News Feed.
16) Spatially find blood, job etc. search option.

1.4 Tools and methodology

1.4.1 Using Tools

Visual Studio Code: Visual Studio Code is a free source-code editor made by Microsoft for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git.

Git: Git is a distributed version-control system for tracking changes in source code during software development. It is designed for coordinating work among programmers, but it can be used to track changes in any set of files. Its goals include speed, data integrity, and support for distributed, non-linear workflows

Laragon: Laragon used for local server. In developing time it used as a local server management application. Laragon is a fast & powerful local development environment.

Composer: Composer is an application-level package manager for the PHP programming language that provides a standard format for managing dependencies of PHP software and required libraries. It was developed by Nils Adermann and Jordi Boggiano, who continue to manage the project

Node.js: It is an open-source, cross-platform, back-end, JavaScript runtime environment that executes JavaScript code outside a web browser.

1.4.2 Framework and Programming Languages

Laravel: Laravel is a free, open-source PHP web framework, created by Taylor Otwell, intended for the development of web applications following the model– view–controller architectural pattern, and based on Symfony. I have used it to develop my whole project backend part.

Vue.js: It is an open-source model–view–viewmodel front end JavaScript framework for building user interfaces and single-page applications. It was created by Evan You, and is maintained by him and the rest of the active core team members coming from various companies such as Netlify and Netguru. I used it for component individually development without any load my site.

MySQL: It is an open-source relational database management system. Its name is a combination of "My", the name of co-founder Michael Widenius's daughter, and "SQL", the abbreviation for Structured Query Language. I have used MySQL database to store database.

Bootstrap: Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components. I have used it to structure my site design.

HTML: Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript.

CSS: Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript

sweetalert2: A beautiful, responsive, customizable and accessible (WAI-ARIA) replacement for JavaScript's popup boxes, supported fork of sweetalert.

Moment.js: It's used for time management in our site component view.

Lodash: Lodash is a JavaScript library, which provides utility functions for common programming tasks using the functional programming paradigm

Axios: Promise based HTTP client for the browser and node.js.

1.5 Reason of our method

We have used laravel auth for login authentication. In vue component, we retrieve data by API calling passing route on axios to get, insert, update and delete data through Controller and Model from Database. Vuejs is a JavaScript framework. It is very lightweight and faster JavaScript framework. I have used it every pages in vue component. There is no data load without refreshing in my site show every data. I have used vue router for one page to another page view without refresh the page. I have used sweet alert when I insert, edit, update and delete data from database. It is looking very cool and smooth. I have used bootstrap for structure a page design.

CHAPTER-2
REGISTRATION AND LOGIN PROCESS

2.1 Introduction

By registering and logging in, we can easily access our social site BD, exchange information with our site members, share our image, and search for many things like job blood search.

2.2 What is Social Site BD registration and login
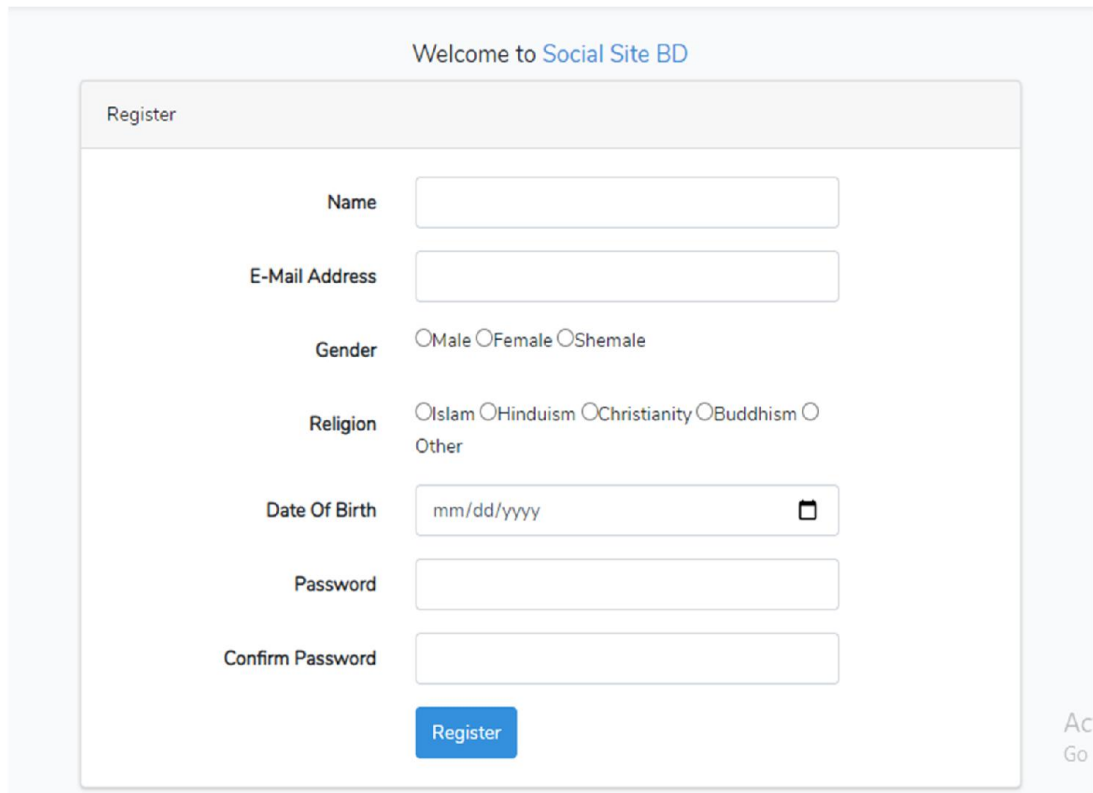
Social Site BD recognition is a process of visit our site with share social massage, video, states etc.

2.3 Registration process

Open any browser then search http://socialsitebd.com. Now click registration button

Fig: 2.3.1 Welcome Page

Now you can see Registration page. Fill-up this Registration form according to your information. Mention that, every fields are required. You have to provide unique email address. Password should have minimum eight characters long.
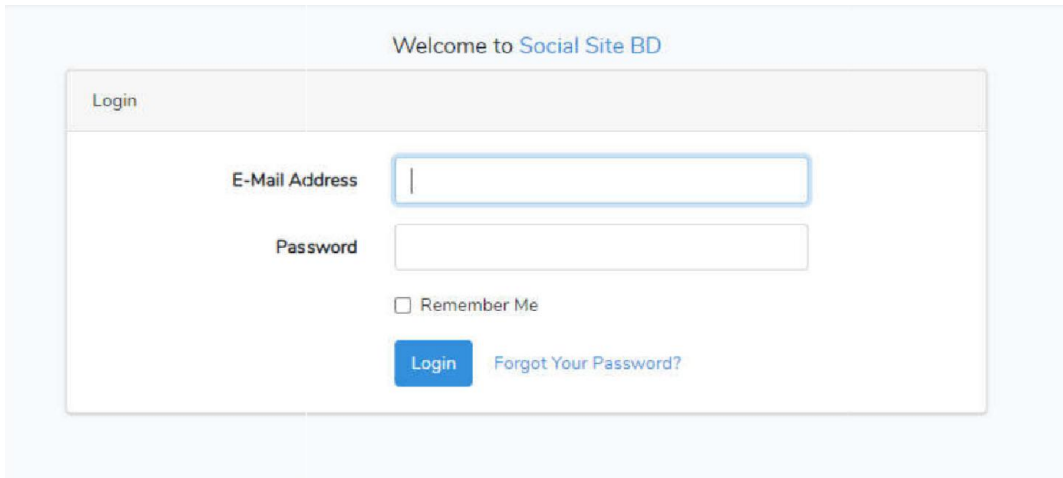
Fig: 2.3.2 User Registration Page

2.4 Login Process

Open any browser then search http://socialsitebd.com. Now Click login button and input your E-mail and Password then click Login button.

Fig: 2.4.1 Login Page

CHAPTER-3
VIEW OF SOCIAL SITE BD

3.1 Purpose of the proposed system

The purpose of the Information and Communication System is to simplify and computerize communication system. Basically, we can communicate each other by this system. Share data and opinion. People can be able to find friends and other here by name easily. Message one to one people.

3.2 Background and Scope of the project

It have a background database, which is store data, and manage data. If you change any kind of data and added data everywhere of this application, all data save to database. It is a communication technology. That's why everyone have to be interested to join here and communicate each other. We can find people from here and collect data. Many people will daily stay here that's why businessman can be able to publicity of his product in here

3.3 View of social Site BD for User, Admin and Super Admin
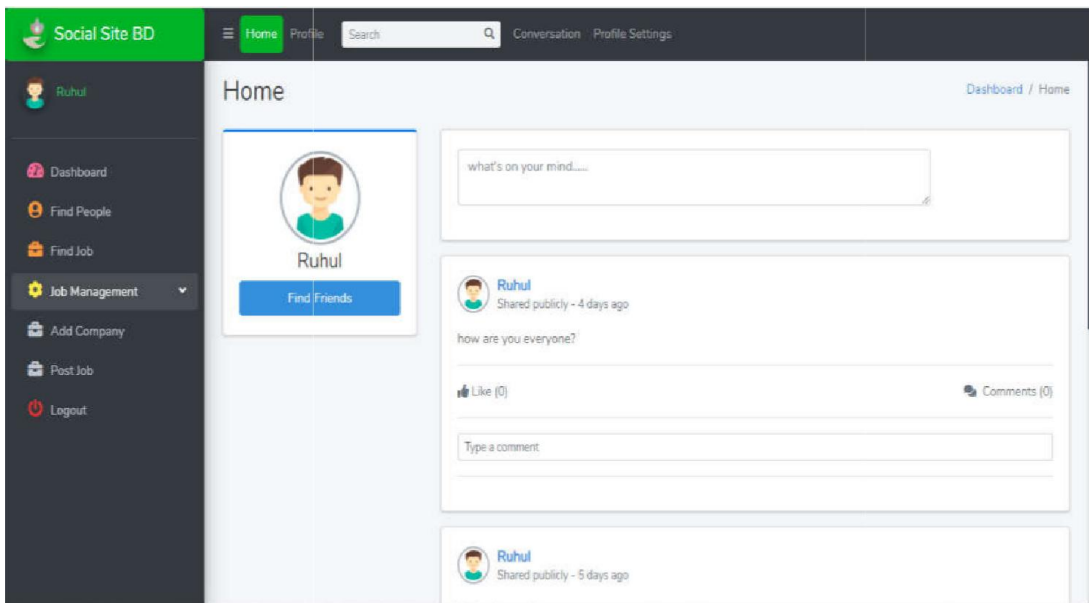
Fig: 3.3.1 Home Page
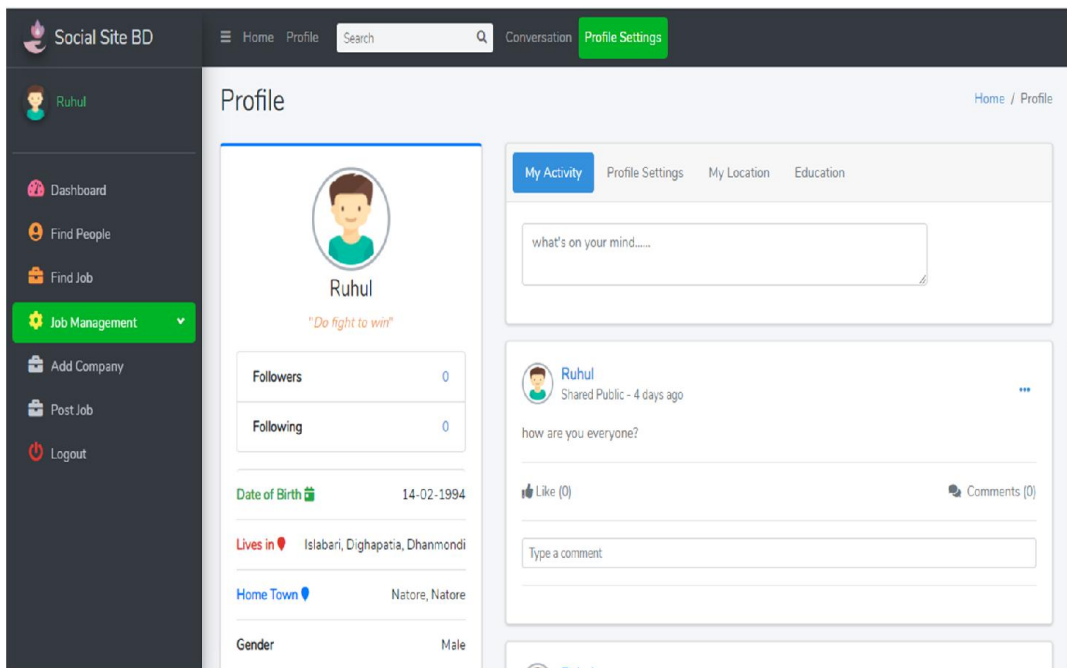
Fig: 3.3.2 Profile View Page
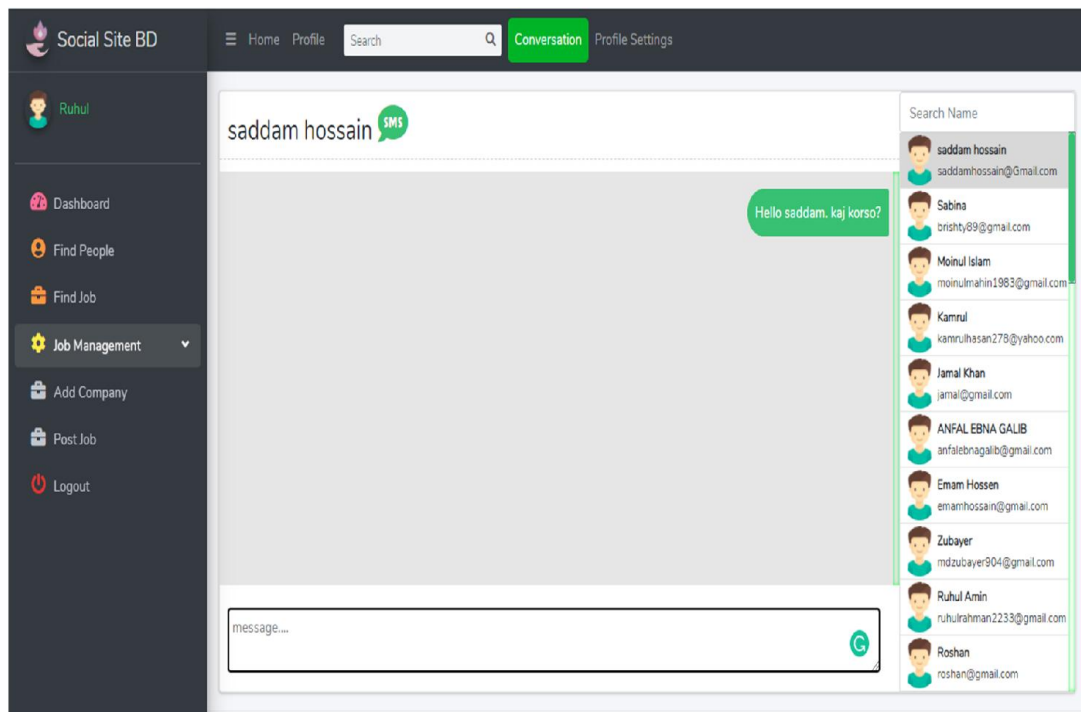
Fig: 3.3.3 Conversation Page
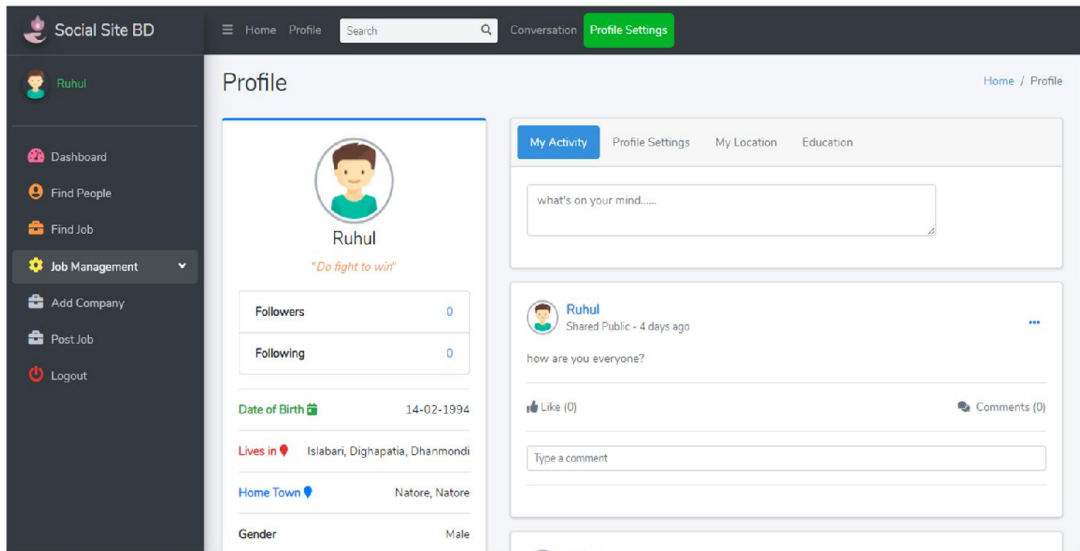
Fig: 3.3.4 Profile Setting Activity Menu
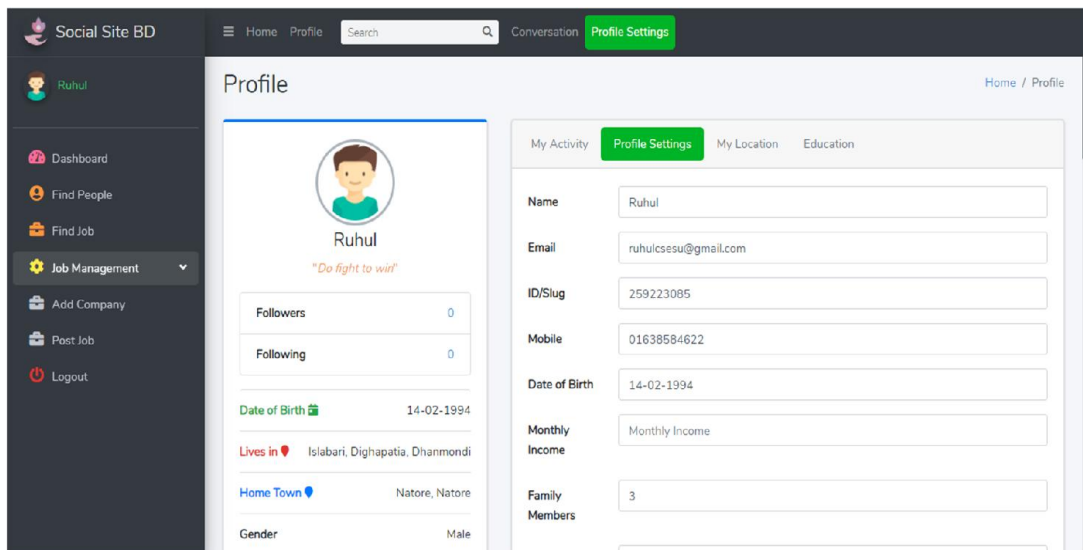
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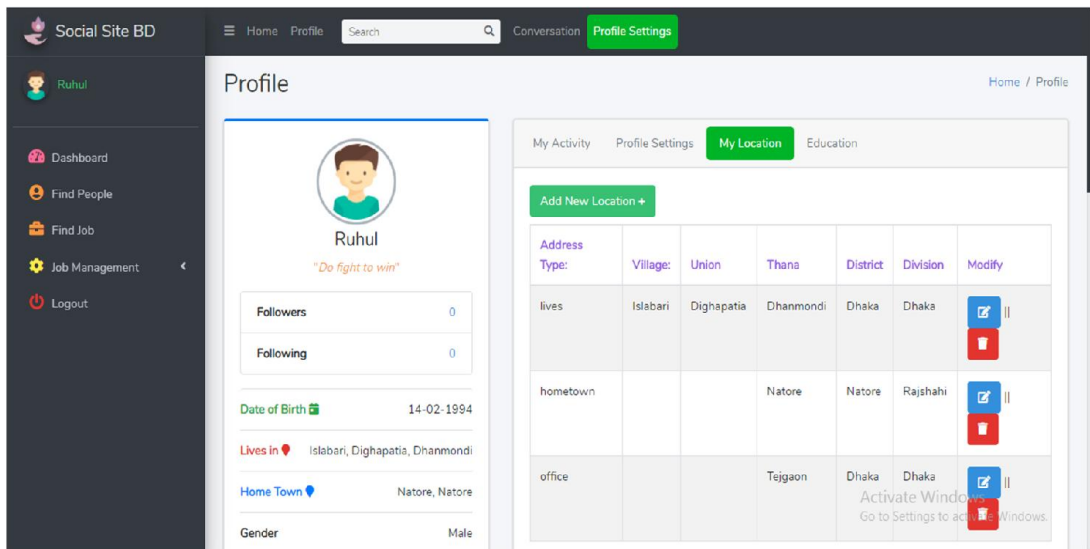
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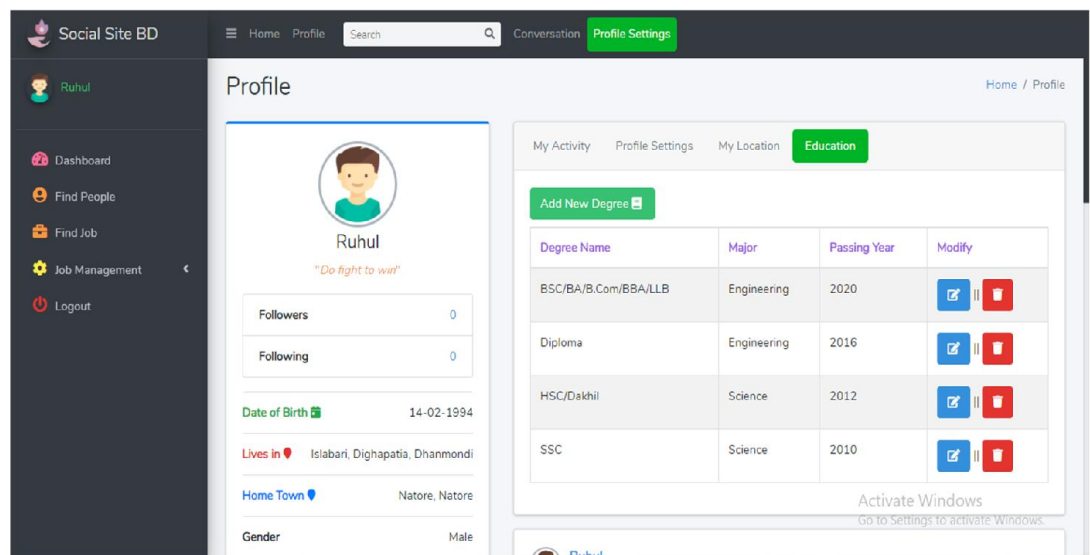
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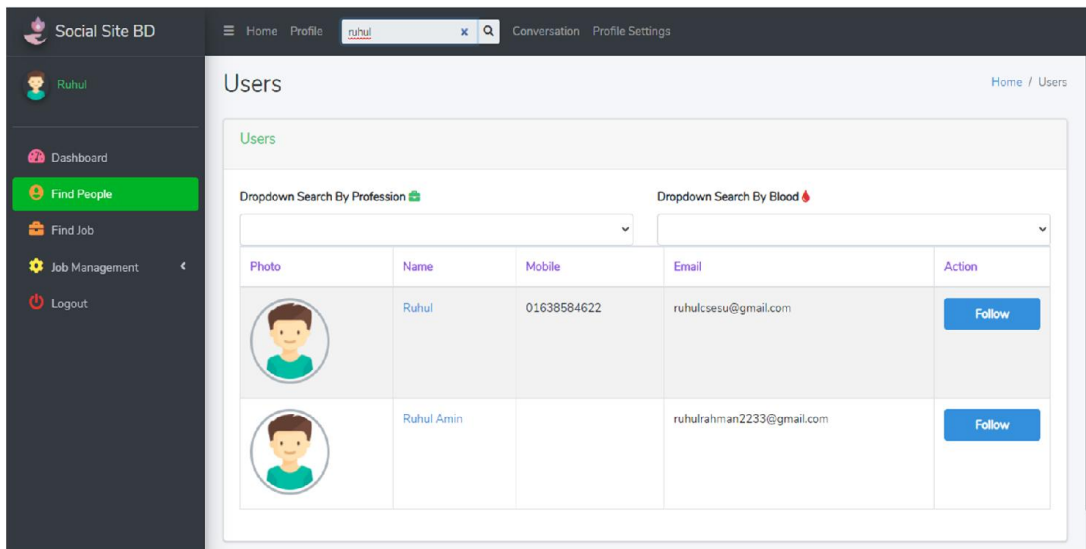
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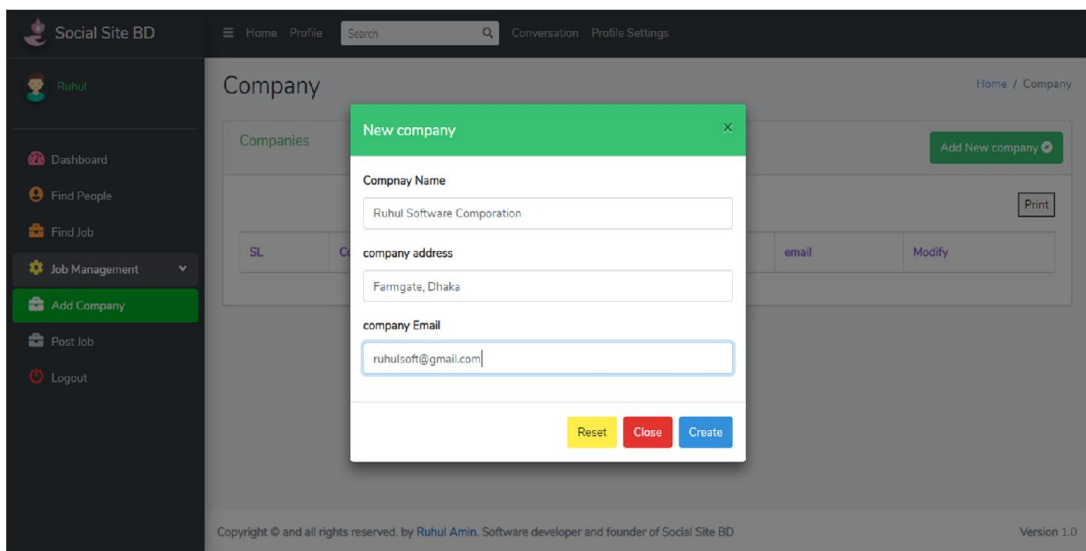
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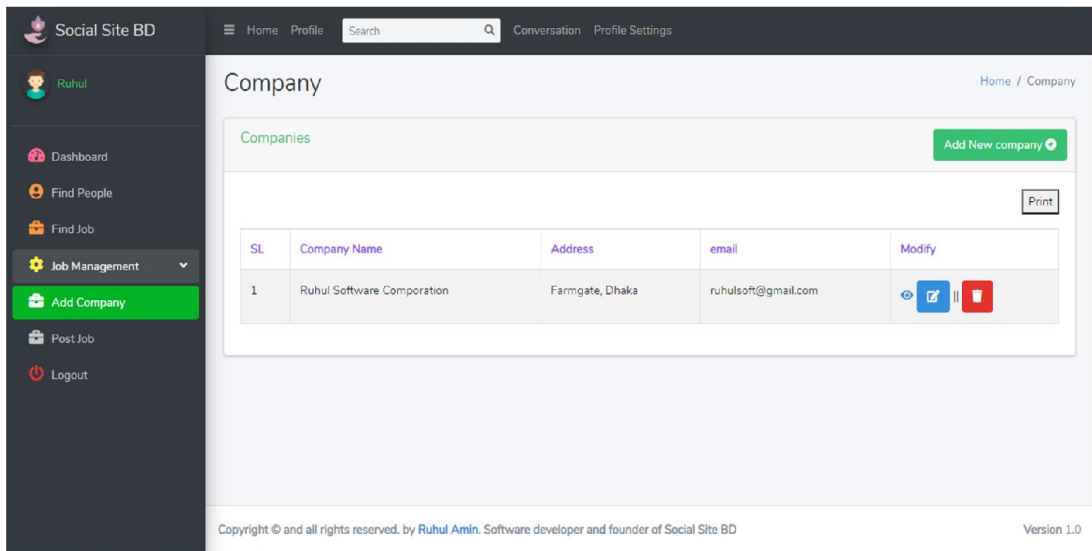
Fig: 3.3.10 Company List Page
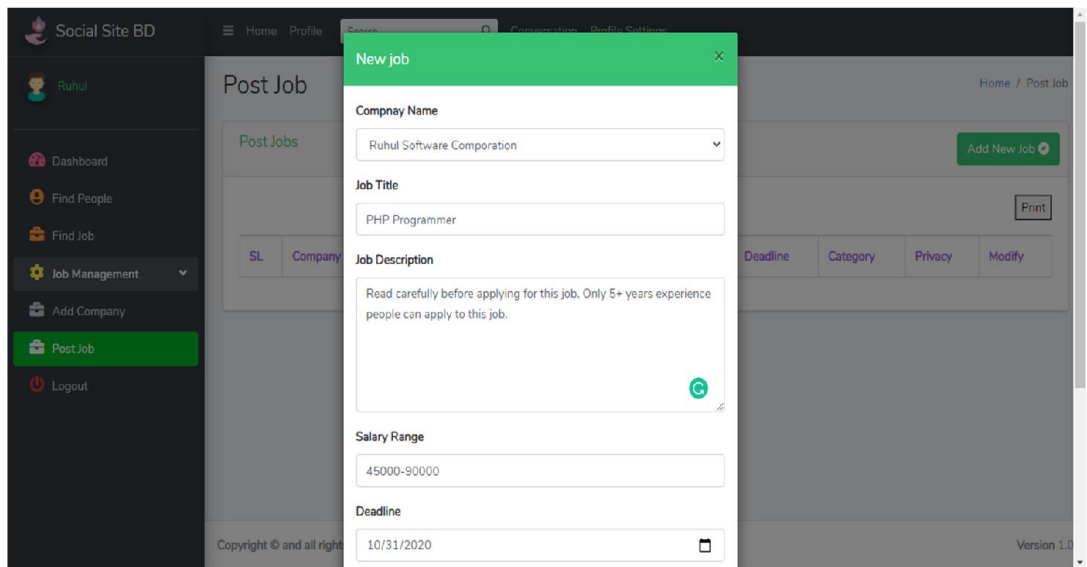
Fig: 3.3.11 Add new Job Post Page
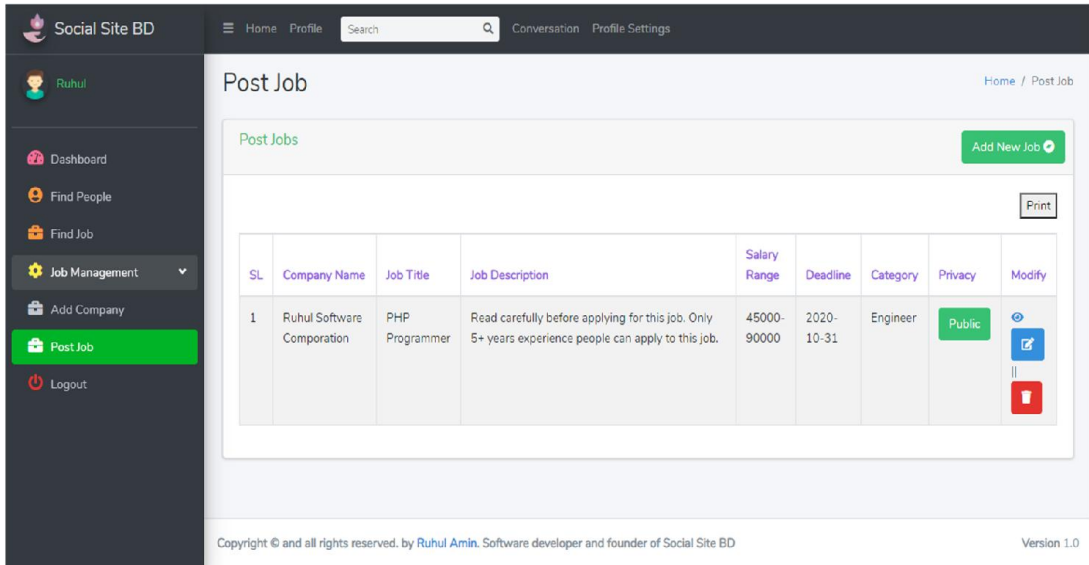
Fig: 3.3.12 **Job Post** list Page where you may edit and delete option view only access who has added this company
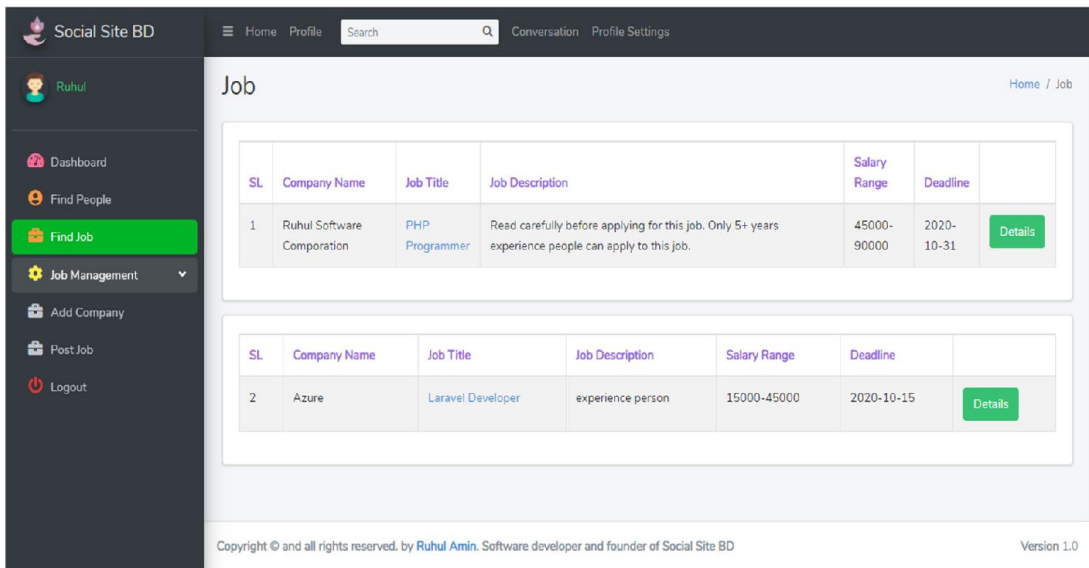
Fig: 3.3.13 Job finding Page with list
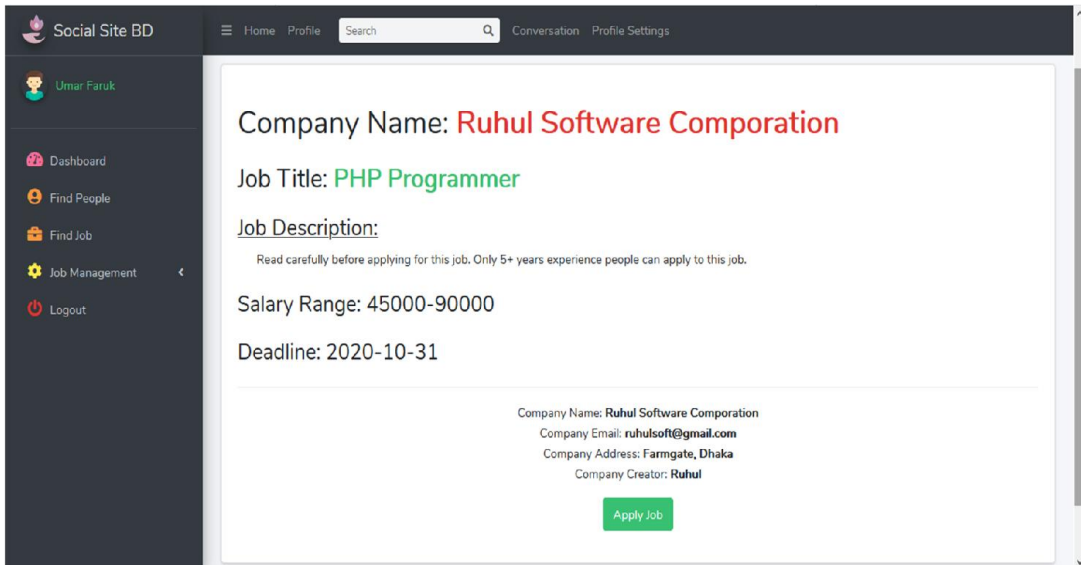
Fig: 3.3.14 Job Details Page where you may apply to this job
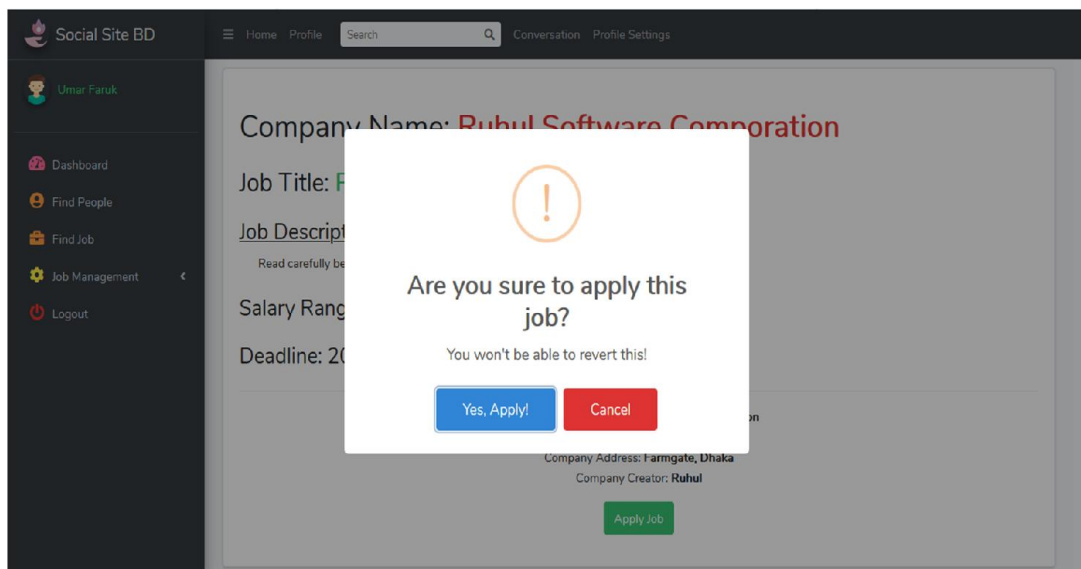
Fig: 3.3.15 Job Apply View with Confirmation

Fig: 3.16 Job Applicants list Page with job details by access only who post this job

View of social Site BD for Admin and Super Admin
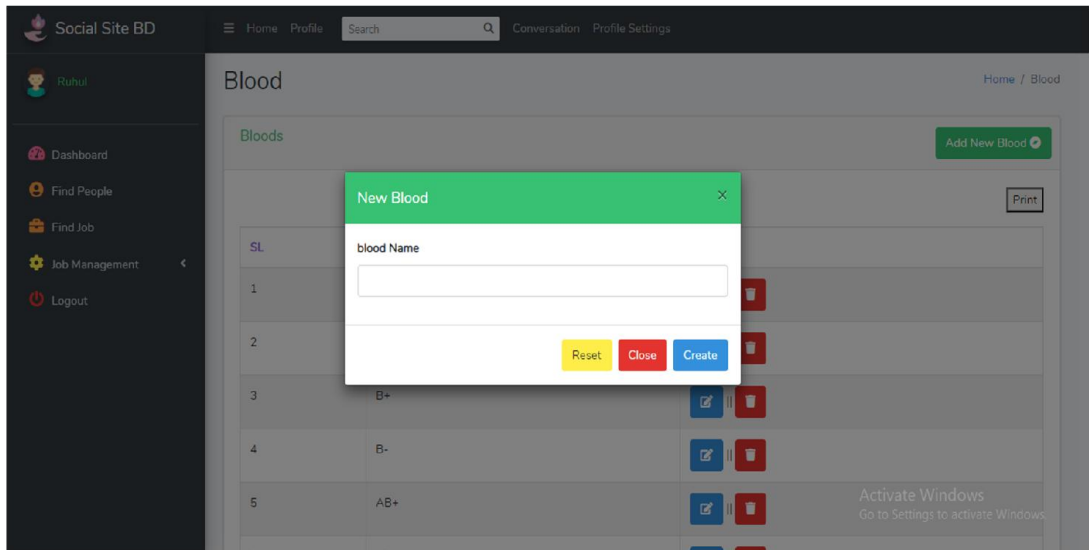
Fig: 3.3.17 Blood group insert Page
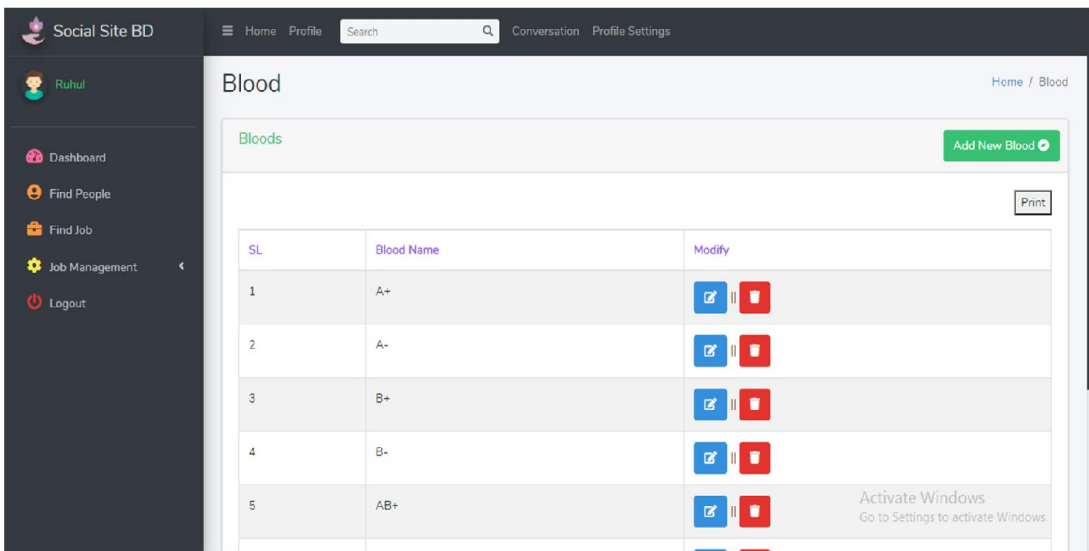
Fig: 3.3.18 Blood group List Page
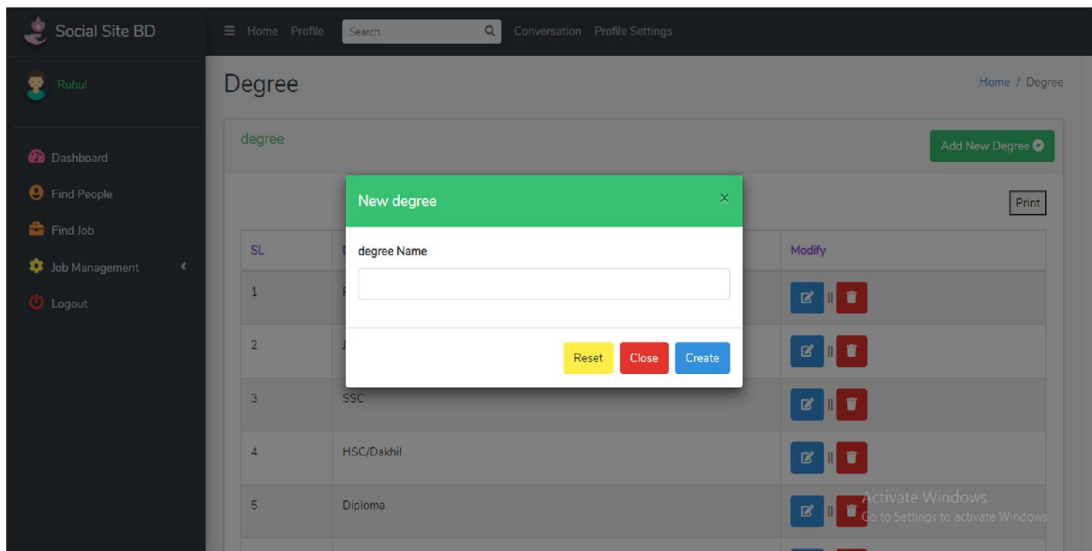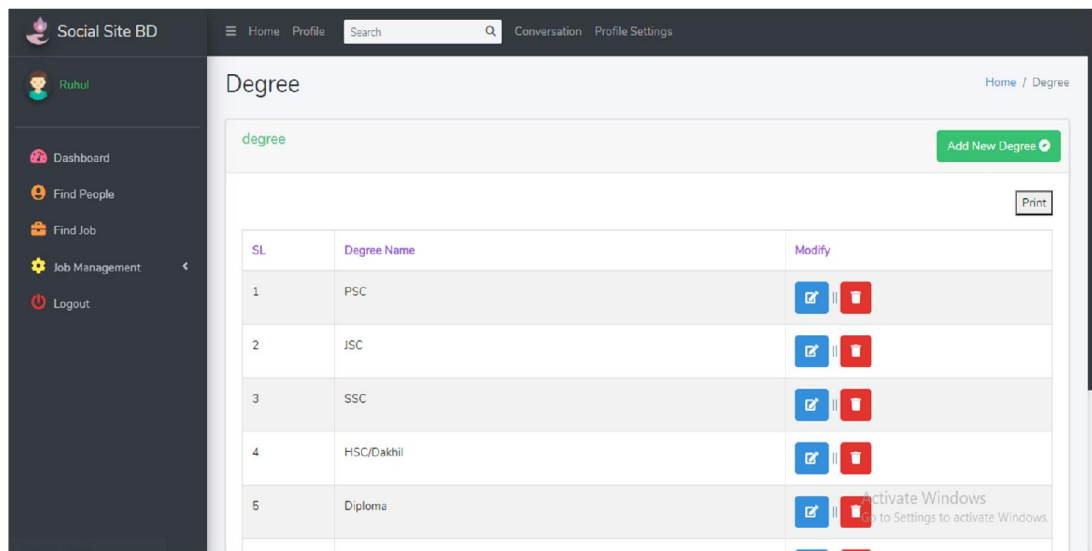
Fig: 3.3.19 Degree Insert Page
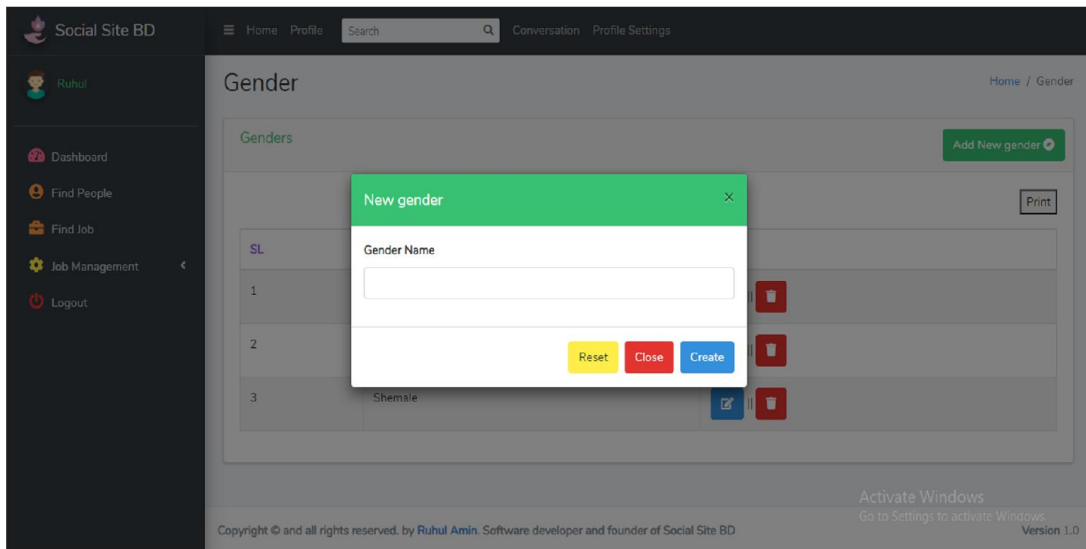

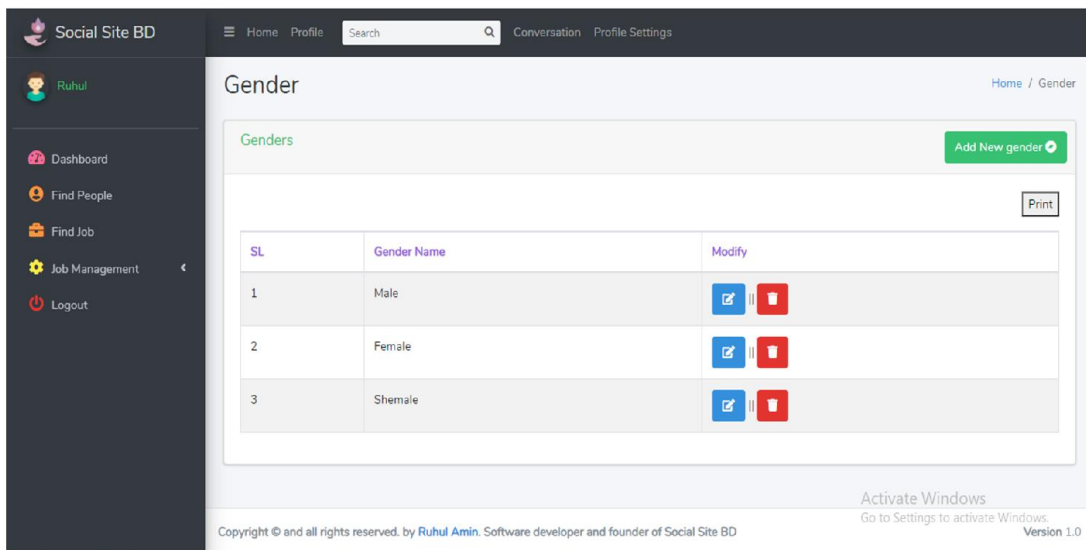Fig: 3.3.20 Degree List Page

Fig: 3.3.21 Gender Insert Page

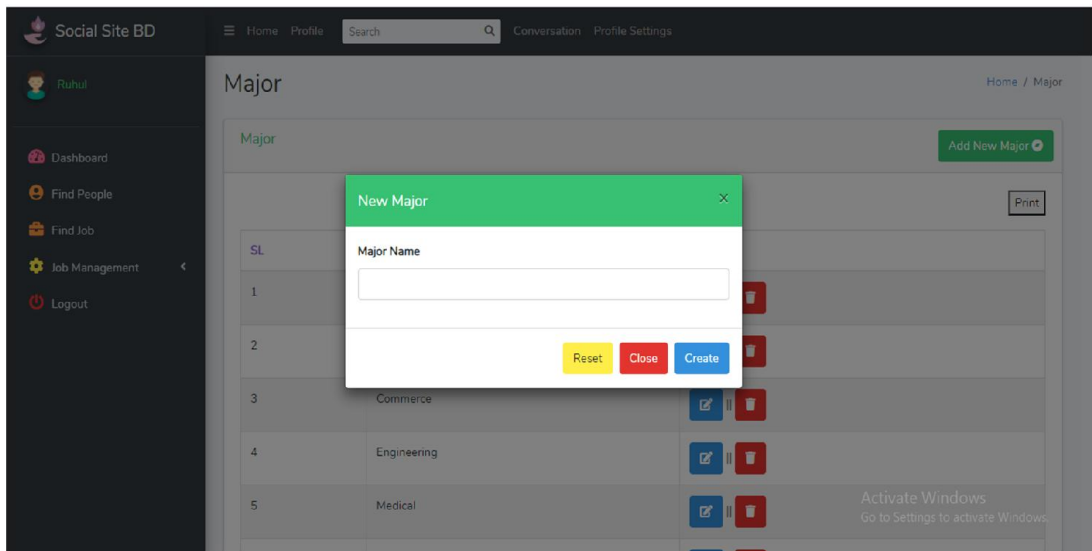Fig: 3.3.22 Gender List Page
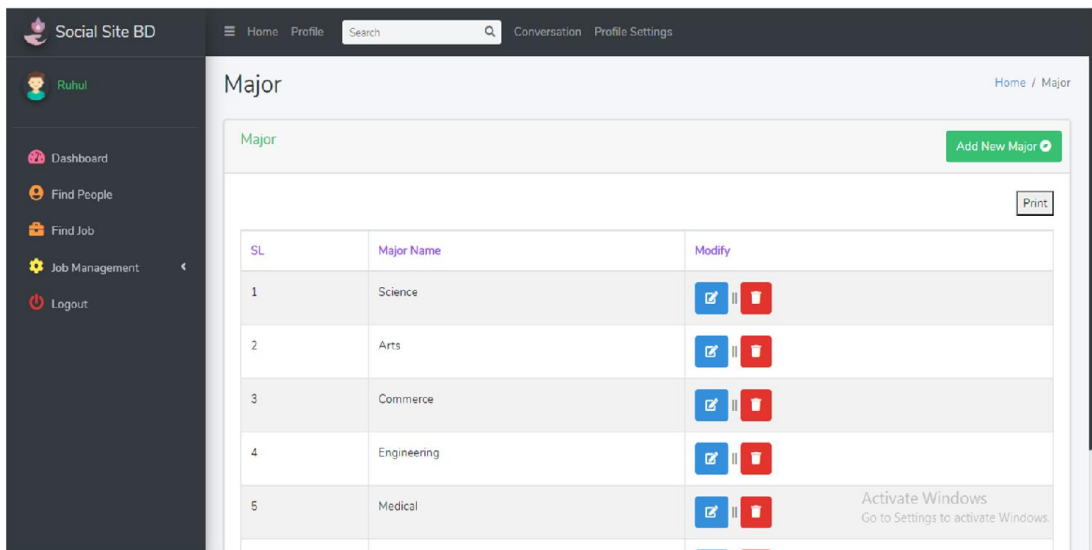
Fig: 3.3.23 Major Insert Page

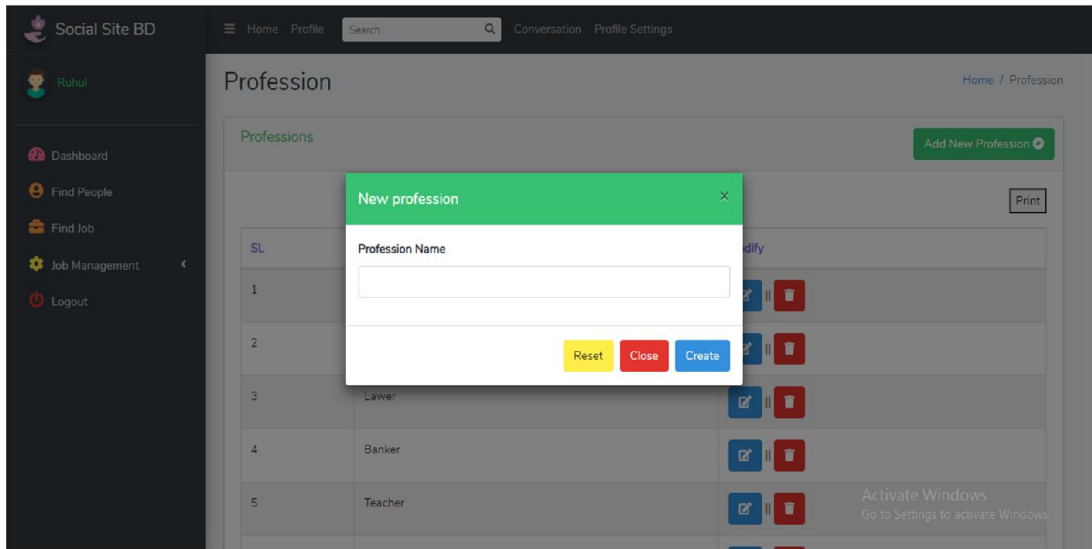Fig: 3.3.24 Major List Page
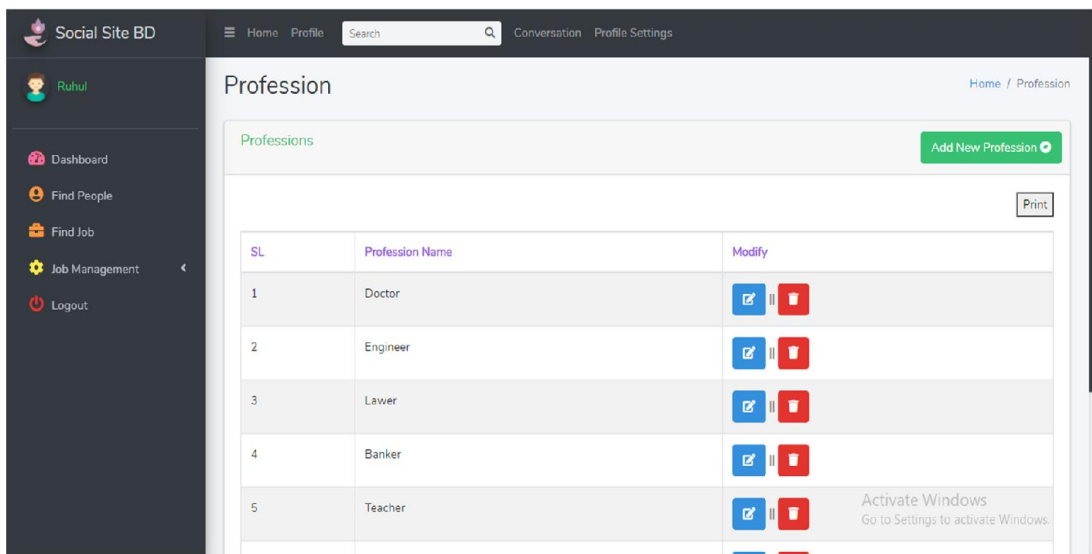
Fig: 3.3.25 Profession Insert Page
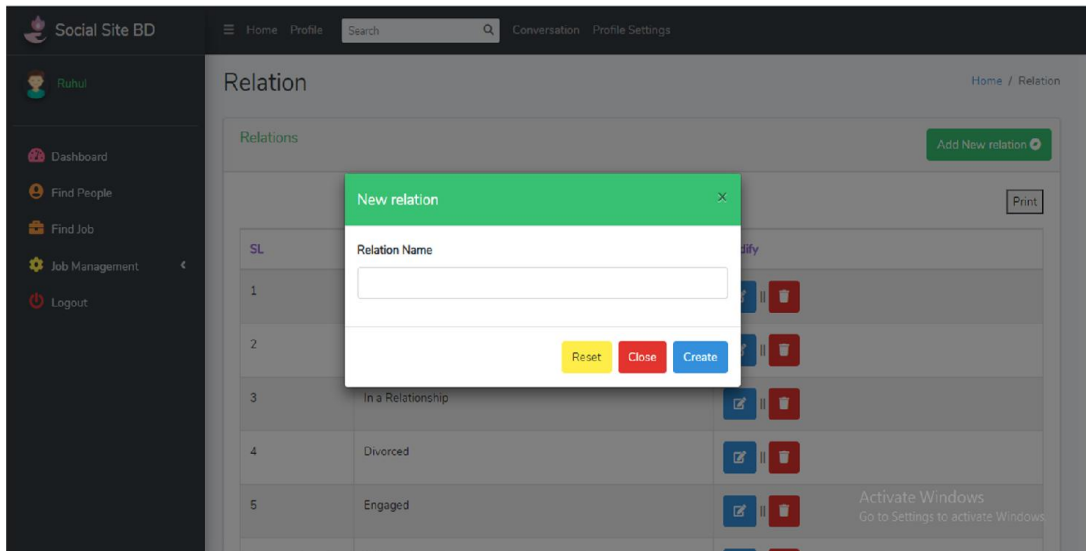

Fig: 3.3.26 Profession List Page
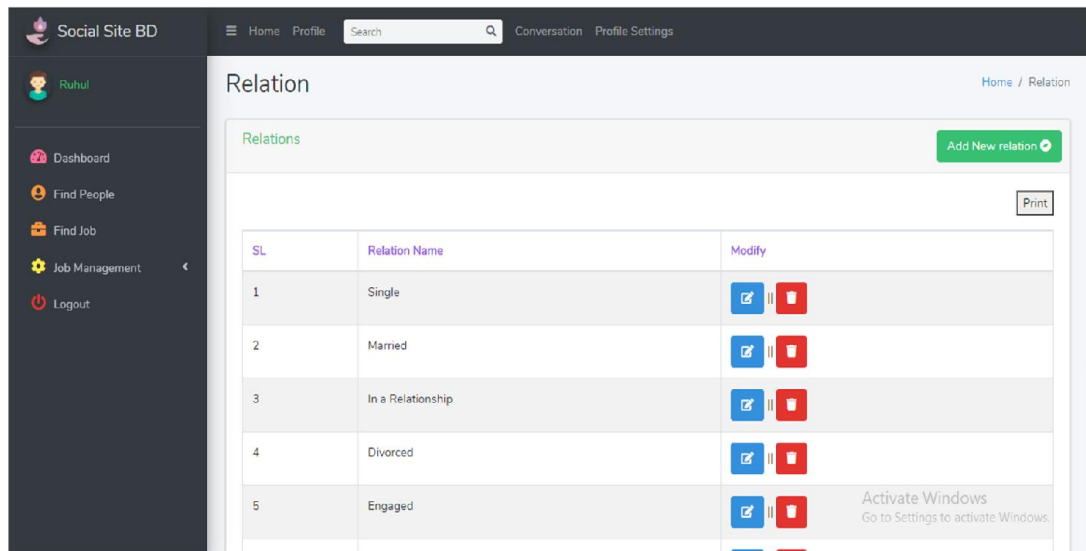
Fig: 3.3.27 Relation Insert Page

Fig: 3.3.28 Relation List Page
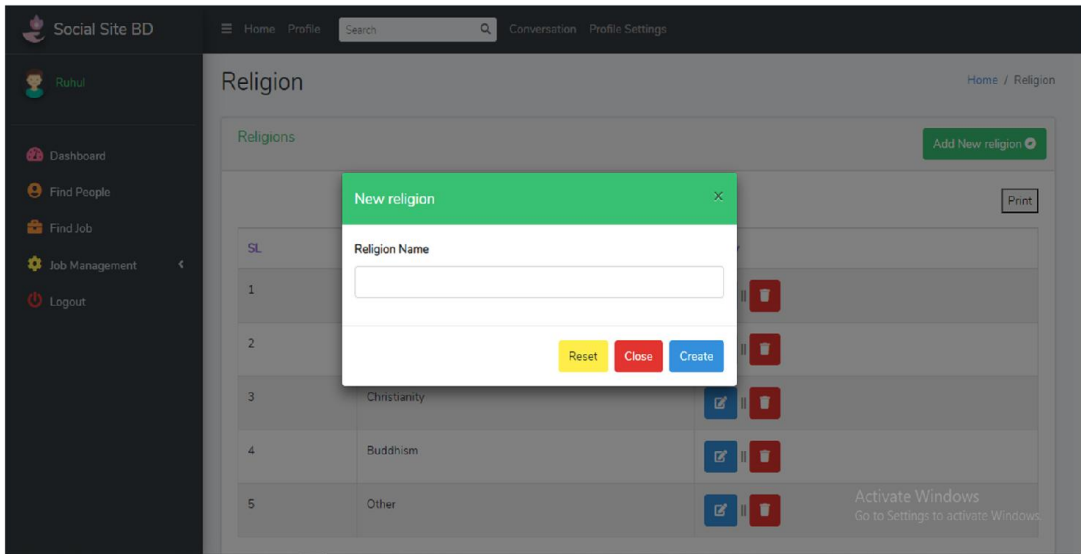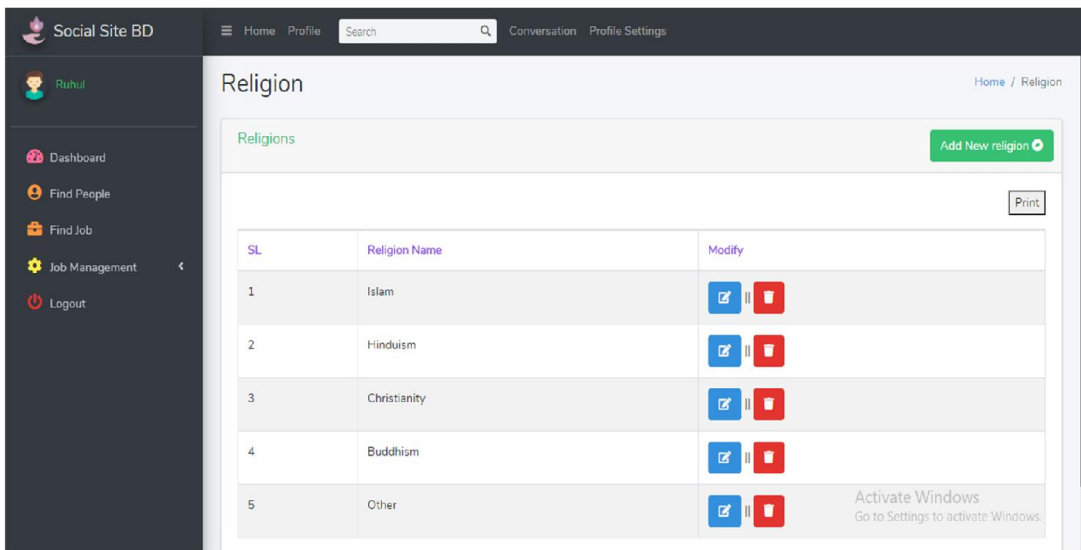
Fig: 3.3.29 Religion Insert Page
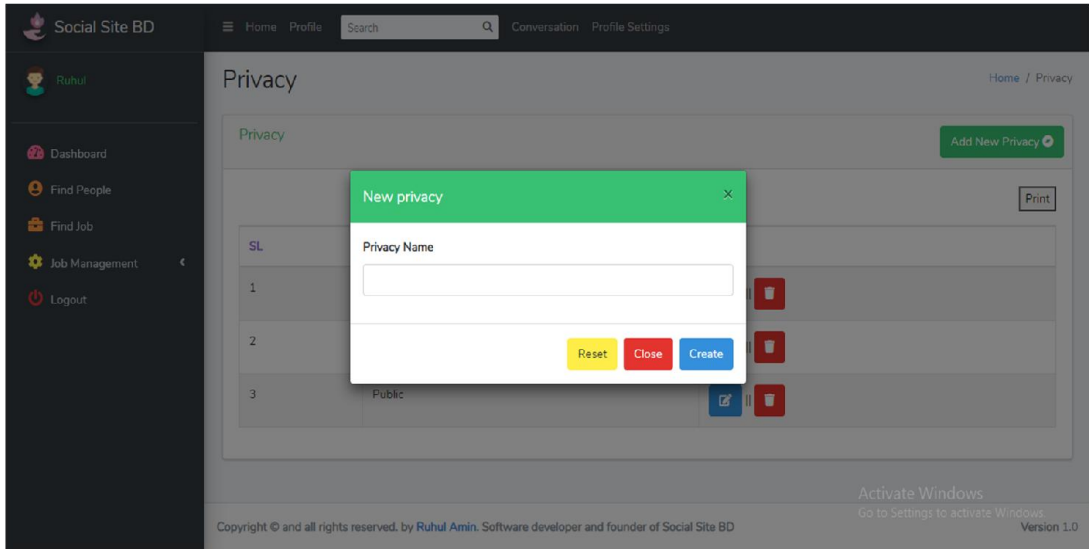

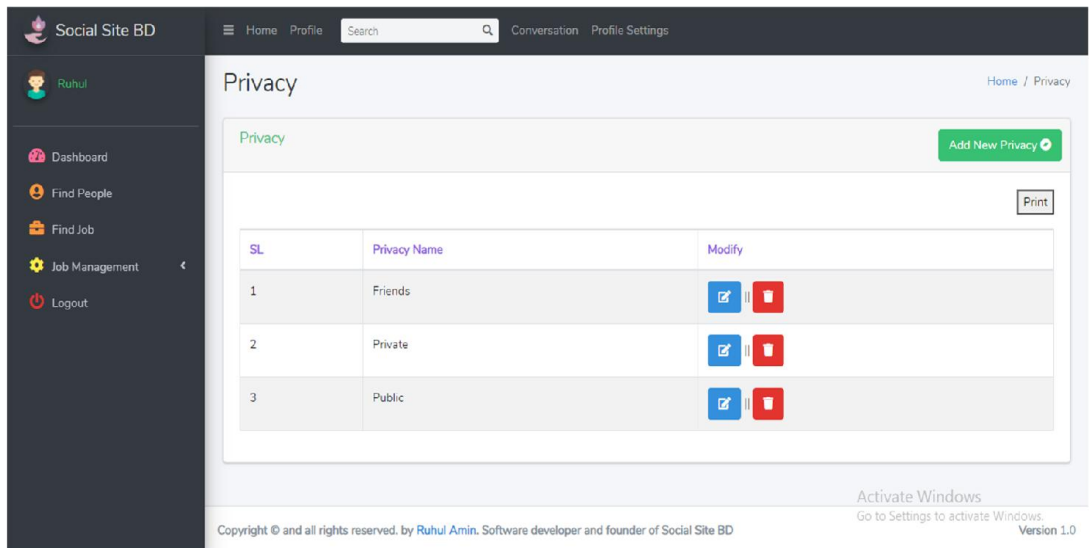Fig: 3.3.30 Religion List Page

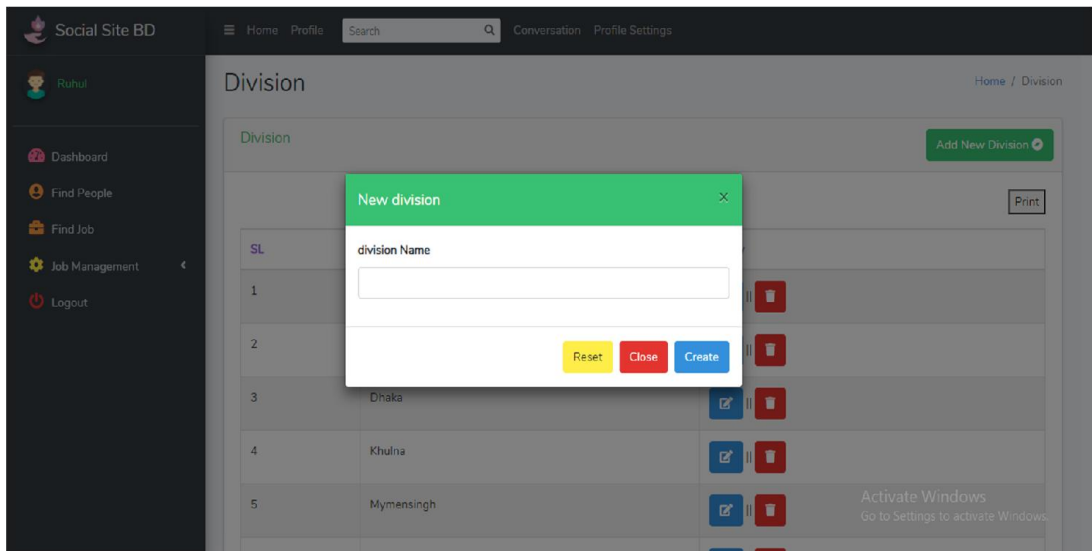Fig: 3.3.31 Privacy Insert Page

Fig: 3.3.32 Privacy List Page

Fig: 3.3.33 Division Insert Page
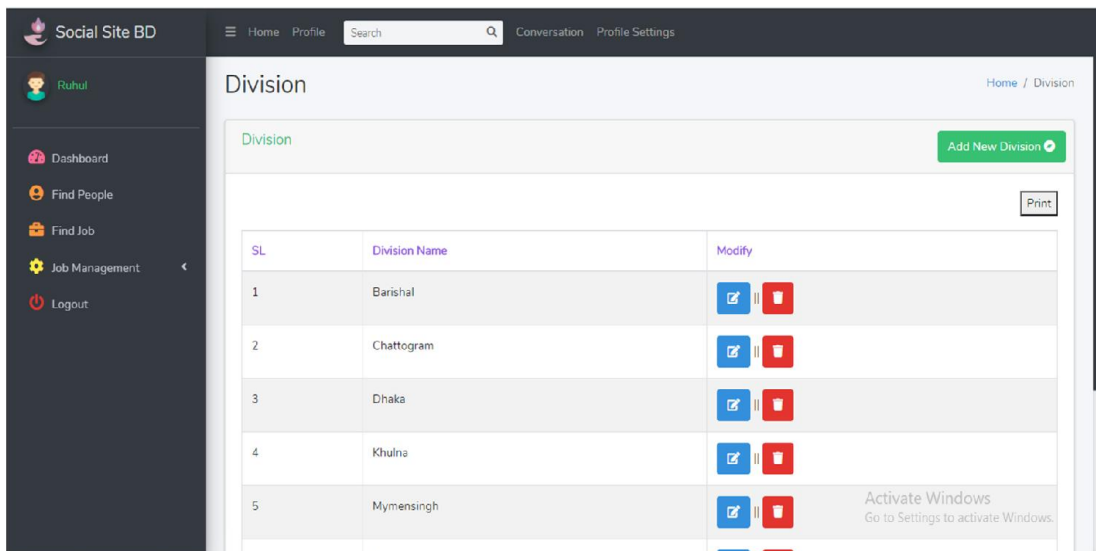
Fig: 3.3.34 Division List Page
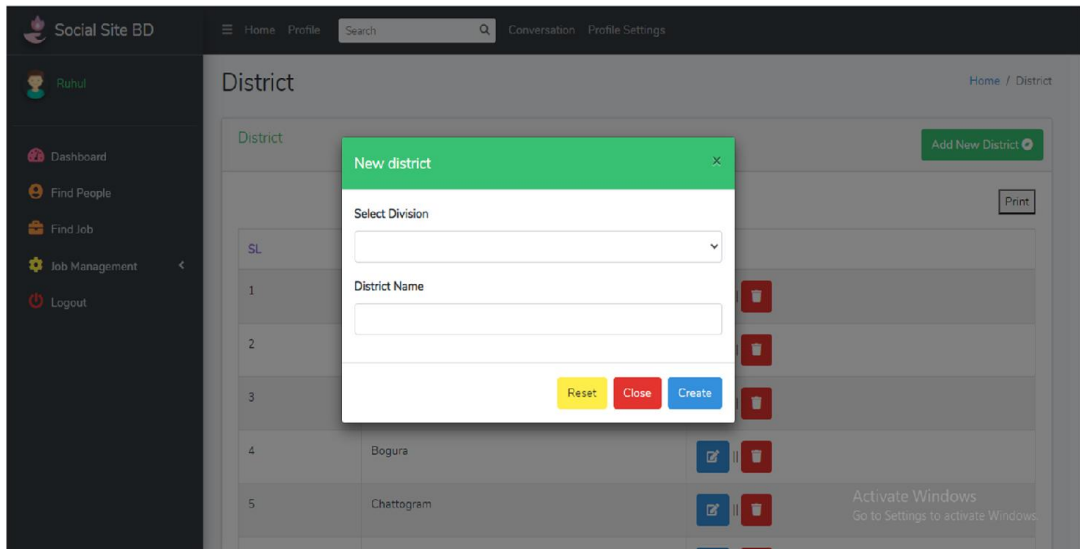
Fig: 3.3.35 District Insert Page
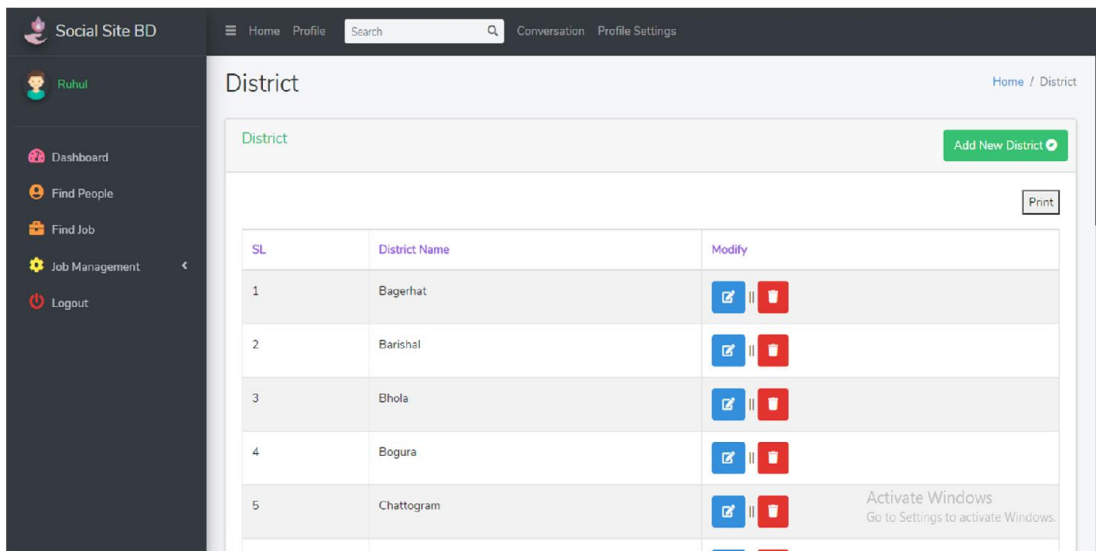
Fig: 3.3.36 District List Page
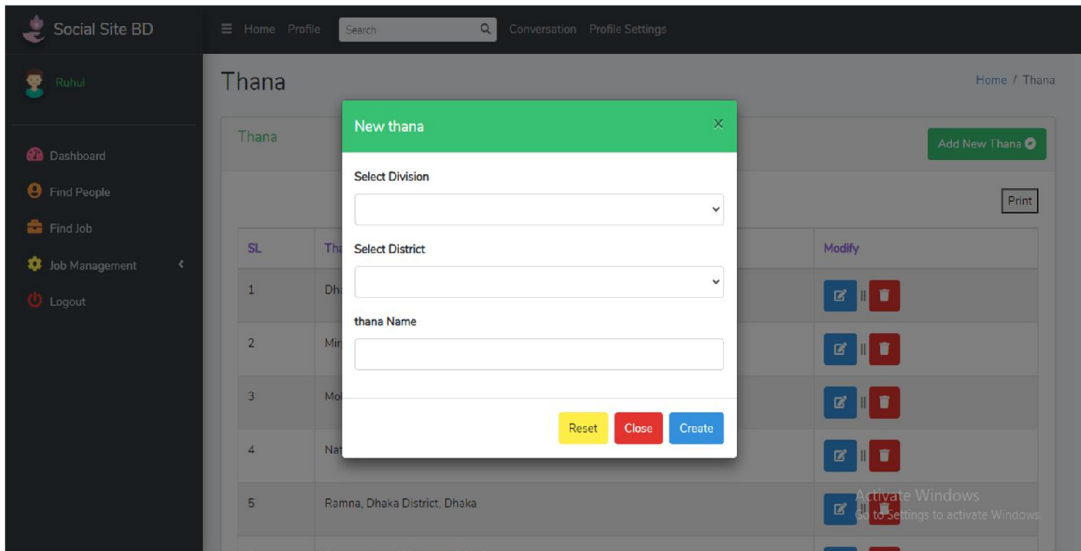
Fig: 3.3.37 Thana Insert Page
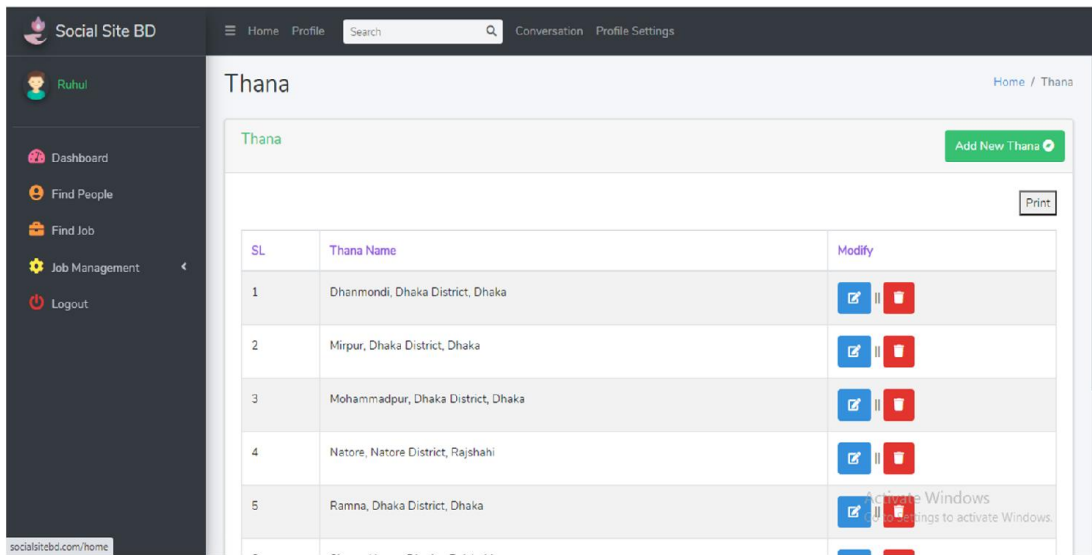
Fig: 3.3.38 Thana List Page
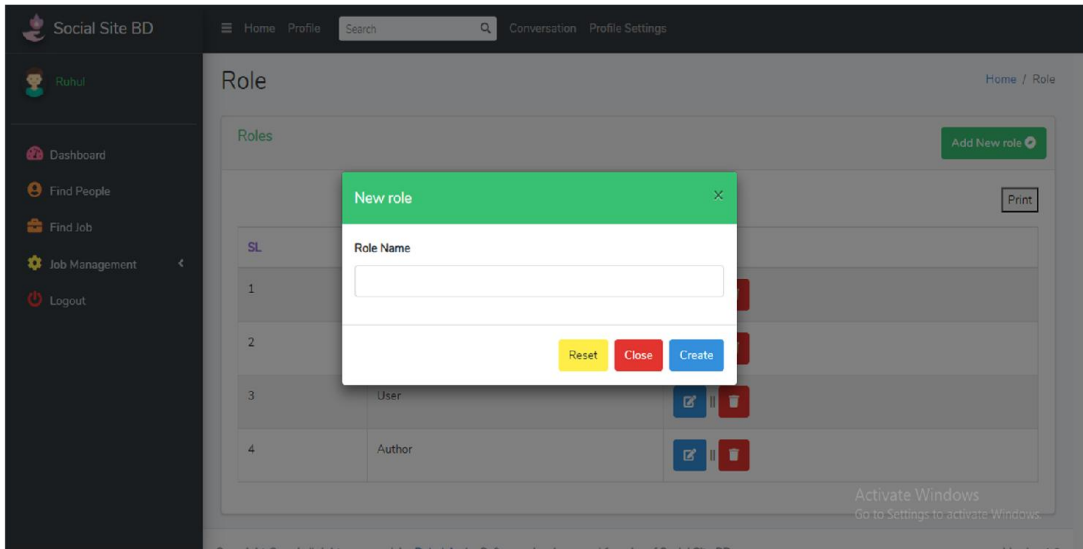
Fig: 3.3.39 Role Insert Page
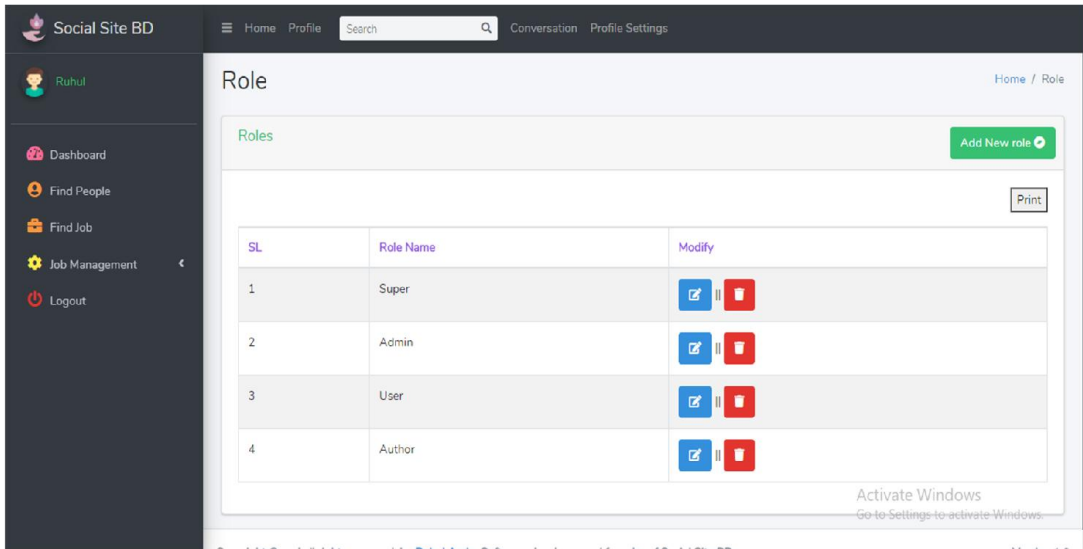
Fig: 3.3.40 Role List Page

CHAPTER-4
FEATURES AND FUNCTIONS OF THE PROJECT

4.1 Registration and Login

This function allows the people and administrator to register and login as a user to interact with the system. The system requires the user to login before viewing and editing any information.

4.2 View and edit information

- People are allowed to view their share records online by their given account.
- They can also edit their personal information through the system.

4.3 Online Conversation

- People can also share their personal information by use conversation

4.4 Job or Blood search

People can share blood for future search or share and people can find opportunity for future job life.

CHAPTER-5
WORKING PROCESS AND CONCLUSION OF PROGRAM

5.1 Social Site BD Working Process
☐ At first user will visit my sit e by url: http://socialsitebd.com
☐ Then Register as a new user
☐ After Registration automatically login this site and view in Home Page
☐ Then you can update your profile in click on Profile Settings at top menu
☐ Then click the sub-menu on Profile Settings, My Location and My Education
☐ You can chat by conversation menu. Click conversation menu and then click specific user whose do you want t to chat.
☐ Find people from the left sidebar by Find People menu. You can search people by name, email, mobile number. You can also search by category of Profession and Blood group
☐ If you have any own comp any then you can add, edit and delete from Add Company sub-menu under Job Management menu.
☐ If you need any kind of employee then you can job post from Job Post sub-menu under Job Management menu.
☐ Anyone will be able to find jobs from Find Job menu. Then he/she can see details by click details button. If he/she want to apply to that job then click Apply button and he/she will get to see a confirmation message and then confirm to apply. If he/she applies here then he won't be able undo his job apply
☐ It he want to logout, he will be able to logout by clicking Red Logout Menu
☐ If you are logout, you will do to be login again by login option

5.2 Social Site BD Tables Name List

Table No.	Table Name
5.2.1	users
5.2.2	comments
5.2.3	posts
5.2.4	likes
5.2.5	bloods
5.2.6	professions
5.2.7	majors
5.2.8	divisions
5.2.10	districts
5.2.11	thanas
5.2.12	follows
5.2.13	degrees
5.2.14	skills
5.2.15	religions
5.2.16	relations

5.2.17	genders
5.2.18	rools
5.2.19	jobs
5.2.20	privacies
5.2.21	profiles
5.2.22	messages
5.2.23	read_to_messages
5.2.24	companies
5.2.25	job_applies
5.2.26	user_skills
5.2.27	user_rools
5.2.28	user_locations
5.2.29	user_educations
5.2.30	user_skills
5.2.31	user_rools

CHAPTER-6
CONCLUSION OF PROGRAM

6.1 Conclusion

We hope, Social Site BD will be a popular social networking site among people of all walks of life. We will add educational facility for students and teacher so that every student and teacher will be connected by this site very easily.

We will add online marketing system as if people can be sell their products and customer can buy his choice able products.

We will include video calling system for users so that users can communicate between or his family, friends, colleagues, teachers, relatives and others.

 General people will be connected many people and find new friends from here very easily. They will share their personal opinion and collect many news from their friends and other members.

Online media will included here for reach their customers.

All praise is due to Allah Almighty, who has blessed us to complete our social site BD. Many thanks also to our esteemed project superior **Emam Hossen, Lecturer,** Sonargaon university who has assisted us in all our projects. Also managing the social site BD is not just about work and resources, budget and deadlines, it is an experience that you can constantly get with new features.

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