

# Chapter 1

## SYSTEM ANALYSIS

### 1.1 Existing system

The existing scholarship application process is marked by inefficiencies and a lack of accessibility, leading to numerous eligible students missing out on educational opportunities. Despite the vast number of students applying for scholarships, a significant portion remains unaware or unable to navigate the complex application procedures. The current manual system often hinders deserving students from pursuing education beyond their means. While universities and government bodies offer a variety of scholarships, the fragmented and inefficient application process fails to provide the necessary empowerment and financial stability to students. The existing scholarship application process is burdened with some paper works and manual procedures, contributing to inefficiencies and delays. Students are often required to fill out extensive paper forms, leading to potential errors and difficulties in tracking the application status. Additionally, the submission of supporting documents, such as academic transcripts and financial information, involves physical paperwork, adding to the complexity of the process. organization or persons, in turn, face challenges in managing and reviewing the vast amount of paper documents, leading to delays in approval or rejection decisions. The reliance on manual paperwork also introduces a lack of transparency, making it challenging for all stakeholders to track and verify the various stages of the application process. one of the prominent challenges is the unavailability of sponsors to adequately support and promote students in their pursuit of education. Despite the

presence of numerous deserving students, the lack of awareness and engagement from potential sponsors hinders the financial support essential for academic endeavors. The current system struggles to effectively connect students with sponsors, making it difficult for students to access the financial resources required for their education. This limitation results in missed opportunities for talented individuals to receive the necessary support and excel academically. The proposed scholar Chain seeks to address this issue by introducing functionalities that facilitate seamless communication between students and potential sponsors, thereby enhancing opportunities for financial assistance and fostering a more supportive environment for educational aspirations.

- **Extensive Paperwork:** The current system heavily relies on paperwork for documentation, making the process cumbersome, time-consuming, and environmentally unfriendly.
- **Limited Sponsor Engagement:** The lack of an organized platform results in difficulties in attracting and engaging sponsors, limiting the pool of available scholarships for students.
- **Resource Intensive:** The manual processes, including paperwork and communication, consume a significant amount of resources, both in terms of time and personnel.
- **Inconsistent Information Flow:** Without a centralized system, information flow between sponsors, administrators, and students is inconsistent, leading to potential miscommunication and delays.
- **Dependency on Physical Presence:** The absence of a digital platform requires physical presence for application submissions and approvals, restricting access for remote or disadvantaged applicants.
- **Difficulty in Tracking Impact:** The current system makes it challenging to track the impact of scholarships, hindering the ability to assess the success and effectiveness of the program.

## 1.2 Proposed system

Imagine a new system called Scholar Chain that makes it super easy for students to apply for scholarships. Right now, many students miss out on these opportunities because the process is a bit tricky. The proposed Scholar Chain system revolutionizes the scholarship management landscape by introducing cutting-edge features that address the shortcomings of the existing system. With a focus on transparency, accessibility, and inclusivity, Scholar Chain aims to bridge the gap between deserving students and educational opportunities. The system's streamlined application process ensures that students, administrators, and organizations can navigate the platform effortlessly. Notably, Scholar Chain goes beyond conventional scholarship models by integrating blockchain technology and smart contracts. This innovation brings heightened security, transparency, and efficiency to the entire scholarship life cycle. The introduction of user roles Administrators, Organizations/Persons, Students, public and sponsors ensures a tailored and efficient workflow. Additionally, Scholar Chain empowers sponsors by allowing them to selectively choose organizations or individuals for sponsorship. Sponsors can even target their support towards students from backward families, fostering a more inclusive and impactful form of philanthropy. With features like transparent contribution tracking and efficient communication channels, Scholar Chain aims to create a dynamic and collaborative ecosystem, revolutionizing the way scholarships are managed and distributed. The proposed system is poised to enhance educational accessibility, empower sponsors, and create a positive and equitable impact on the academic journeys of deserving students. Administrators are like the guardians of the scholarship world, making sure everything runs smoothly. Organizations/Persons get to be the heroes, deciding who gets the support they need. Students, the true stars, can easily navigate the system, submit applications, and track their status hassle-free. And here's the cool part – sponsors can step in and be the real-life heroes, choosing who they want to support, whether it's specific groups or students facing financial challenges.

### Key Features of the Proposed Scholar Chain System

- **User-Friendly Registration:** Implement an intuitive registration process for students, organizations, and administrators, ensuring accessibility for all users.
- **Digital Portfolio Management:** Enable students to easily manage their profiles and create a comprehensive digital portfolio, including academic, income, and category-related information.
- **Streamlined Application Submission:** Facilitate a simplified and secure process for students to submit scholarship applications digitally, reducing the burden of paperwork.
- **Transparent Application Review:** Provide organizations with an efficient platform to review and make decisions on student applications, ensuring transparency in the selection process.
- **Centralized Administrator Control:** Empower administrators with secure login capabilities, allowing them to oversee the entire scholarship program, manage organization registrations, and maintain control over the system's integrity.
- **Efficient Communication Channel:** Introduce a centralized and secure communication channel for administrators, organizations, and students, fostering streamlined information flow and reducing miscommunication.
- **Sponsorship Flexibility:** Allow sponsors to choose organizations or individuals for sponsorship, promoting flexibility and increasing opportunities for financial assistance.
- **Public Visibility of Scholarships:** Create a public interface for individuals to view available scholarships, promoting awareness and encouraging more students to apply.
- **Enquiry Forwarding Mechanism:** Implement a feature for the public to forward inquiries, ensuring a clear communication channel for addressing questions and concerns related to scholarships.

- **Backward Family Support:** Introduce a mechanism for sponsors to specifically support students from economically backward families, enhancing inclusivity in the scholarship program.

### **1.3 Module Description**

#### **1.3.1 Admin**

The Admin module of the Scholarchain encompasses a range of functionalities tailored to ensure smooth oversight and effective management of the scholarship program. Administrators possess the authority to verify Registered Organizations/Persons, ensuring that only legitimate entities participate in the program. Similarly, they can verify Registered Students, confirming their eligibility and authenticity. Additionally, Administrators have the responsibility to verify Registered Sponsors, thereby establishing a credible network of financial support for students. Through the module, Administrators can view the scholarships awarded, facilitating transparency and accountability in the distribution of funds. Furthermore, they are equipped to manage public inquiries, addressing concerns or queries from stakeholders. Finally, Administrators can view approved scholarships and logout securely, ensuring the integrity and confidentiality of the system. This comprehensive set of functionalities empowers Administrators to efficiently oversee all aspects of the scholarship program, promoting fairness, transparency, and effectiveness.

#### **1.3.2 Organization / Person**

The Organization/Person module within the Scholarchain offers a suite of functionalities tailored to streamline their engagement with the scholarship program. Users can seamlessly log in to their accounts, ensuring secure access to the platform. Once logged in, they have the ability to manage their profiles, allowing for easy updates and maintenance of personal information. Additionally, users can efficiently manage scholarships, including the review and approval of student applications. This

involves verifying the authenticity and eligibility of applicants to ensure fair and equitable distribution of scholarships. Moreover, organizations or individuals can review and respond to sponsorship requests, thereby contributing to the financial support of deserving students. Upon completing their tasks, users can securely logout, maintaining the confidentiality and security of their accounts. This module empowers organizations or individuals to actively participate in the scholarship program, facilitating a transparent and efficient process for both applicants and sponsors.

### **1.3.3 Student**

The Student module within the Scholarchain provides a comprehensive set of features to facilitate their engagement with scholarship opportunities. Students can securely log in to their accounts, ensuring privacy and access to personalized functionalities. Upon logging in, they have the ability to manage their profiles, allowing for easy updates and maintenance of personal information such as contact details and academic records. Additionally, students can add portfolios showcasing their achievements, academic performance, and other relevant information to enhance their scholarship applications. They can then easily apply for scholarships available within the system, streamlining the application process. Furthermore, students can view sponsorship requests from organizations or individuals interested in supporting their education, enabling them to make informed decisions. Throughout the application process, students can track the status of their submissions, providing transparency and clarity. Once their tasks are complete, students can securely logout, ensuring the confidentiality and security of their accounts. This module empowers students to actively pursue scholarship opportunities, simplifying the application process and enhancing their access to educational funding.

#### **1.3.4 Public**

The Public module within the Scholarship Management System offers valuable functionalities for individuals seeking information about available scholarships. Users can easily navigate through the system to view a comprehensive list of scholarships offered across various segments, including academic excellence, sports, vocational courses, and performing arts. This feature allows the public to explore the diverse range of educational opportunities accessible through scholarships. Additionally, the module enables users to make inquiries, providing a platform for them to seek clarification or additional details regarding specific scholarships or the application process. By offering transparent access to scholarship information and facilitating communication with administrators, the Public module serves as a valuable resource for individuals seeking educational support and guidance.

#### **1.3.5 Sponsor**

The Sponsor module within the Scholachain provides sponsors with essential functionalities to engage with the scholarship program effectively. Sponsors can securely log in to their accounts and manage their profiles, ensuring accurate representation of their interests and preferences. One of the key features of this module is the ability for sponsors to choose scholarships they wish to support, aligning their contributions with their philanthropic goals. Moreover, sponsors can actively participate in selecting deserving students for their sponsored scholarships, utilizing the system to review student portfolios and make informed decisions. This module empowers sponsors to play a vital role in shaping the educational journeys of students, fostering a sense of fulfillment and impact in their philanthropic endeavors.

## **1.4 Feasibility Study**

During the system analysis, a feasibility study of the proposed system "Scholar-chain" is carried out to see whether it is beneficial to the students who want to apply for scholarships. It is performed to choose the system that meets the performance requirements at the least cost. Primarily, whether a project that was initiated but one has to be considered for the further development or not will be decided through preliminary investigation. As a part of this investigation, feasibility analysis of "Scholar-chain" was conducted based on the outcome of this feasibility analysis. Every feasibility study is an analysis about whether the project is doable or not. This report tried to maintain maximum amount of objectivity while preparing these feasibility report for ensuring optimum result.

### **1.4.1 Operational Feasibility**

Operational feasibility examines how a project plan satisfies the requirements identified in requirements analysis phase of system development. It refers to the feasibility of the product to be operational. It mainly focuses on how the system satisfies the user needs. It helps in taking advantage of the opportunities and fulfills the requirements as identified during the development of the project. The new system or project can be used in day to day life which becomes more user friendly for the customer. This system is operationally feasible as it is very easy to operate. It helps the organization /Person to manage the Scholarships . Also, the Students can easily view and apply for their adequate scholarships.



### **1.4.2 Technical Feasibility**

Technical feasibility study deals with the hardware and software and technology which are required to accomplish the user requirements in the system within the allocated time and budget. The proposed system requires HTML, CSS, JavaScript and Pycharm, Android platform open source. Due to open source of languages it may not become complex to maintain and develop the system. The system can also be easily upgraded to the higher level with less effort and maintenance. This application can be easily used with their laptops or phones anywhere and also this application is very much user friendly. Hence the proposed work is technically feasible.

### **1.4.3 Economic Feasibility**

Economic feasibility determines whether the proposed system is capable of generating profit for an organization. It involves costs incurred on the development team, estimated cost of hardware, feasibility study, and so on. This application was developed with the available resources. Since cost of input for the system is almost zero. The output of the website is always a profit for the user, and they see this as a service. This website doesn't cost any money from the users who are accessing it. Since the application can be accessed from any device with an internet connection, there is no need for specific hardware. Hence, it is economically feasible.

## **1.5 System Environment**

### **1.5.1 Developer Requirement**

#### **0.5.1.1 Hardware Requirement**

- Processor : Intel Core i5 or above
- RAM : 8 GB or above
- Storage : 50GB Hard disk

#### **0.5.1.2 Software Requirement**

- Operating system : Windows 8 or above
- Front end : HTML, CSS, JavaScript,Bootstrap
- Back end : MYSQL Server
- Language : Python,Dart
- IDE : VS code,Android studio/JetBrain Pycharm
- Framework : Django,Flutter

### **1.5.2 User Requirement**

- Any Smartphone/Computer/ Laptop
- Stable Internet Access

## **1.6 Actors and their Roles**

### **1.6.1 Admin**

The Admin is responsible for the overall management of this system.

- Login
- Verify Registered Organization/person
- Verify Registered Student
- Verify Registered Sponsor
- View Geted Scholarship
- Manage Public Enquiry
- View Approved Scholarship
- Logout

### **1.6.2 Organization/Person**

Organization/Person plays vital role in this system by providing scholarships

- Login
- Manage Profile
- Manage Scholarships
- Verifying Applications
- Verifying Sponsors request
- Logout

### **1.6.3 Student**

Student use this user friendly platforms for apply scholarships

- Login
- Manage Profile
- Add Portfolio
- Apply Scholarships
- View Sponsors request
- View status
- Logout

### **1.6.4 Public**

Public can view the scholarships and they can seek information through enquiries

- View Scholarships
- Enquiry

### **1.6.5 Sponsors**

Sponsors gain the flexibility to choose beneficiaries or support underprivileged students.

- Login
- Manage Profile
- Choosing Scholarships
- Choosing Students Check Student Portfolio
- Logout

# Chapter 2

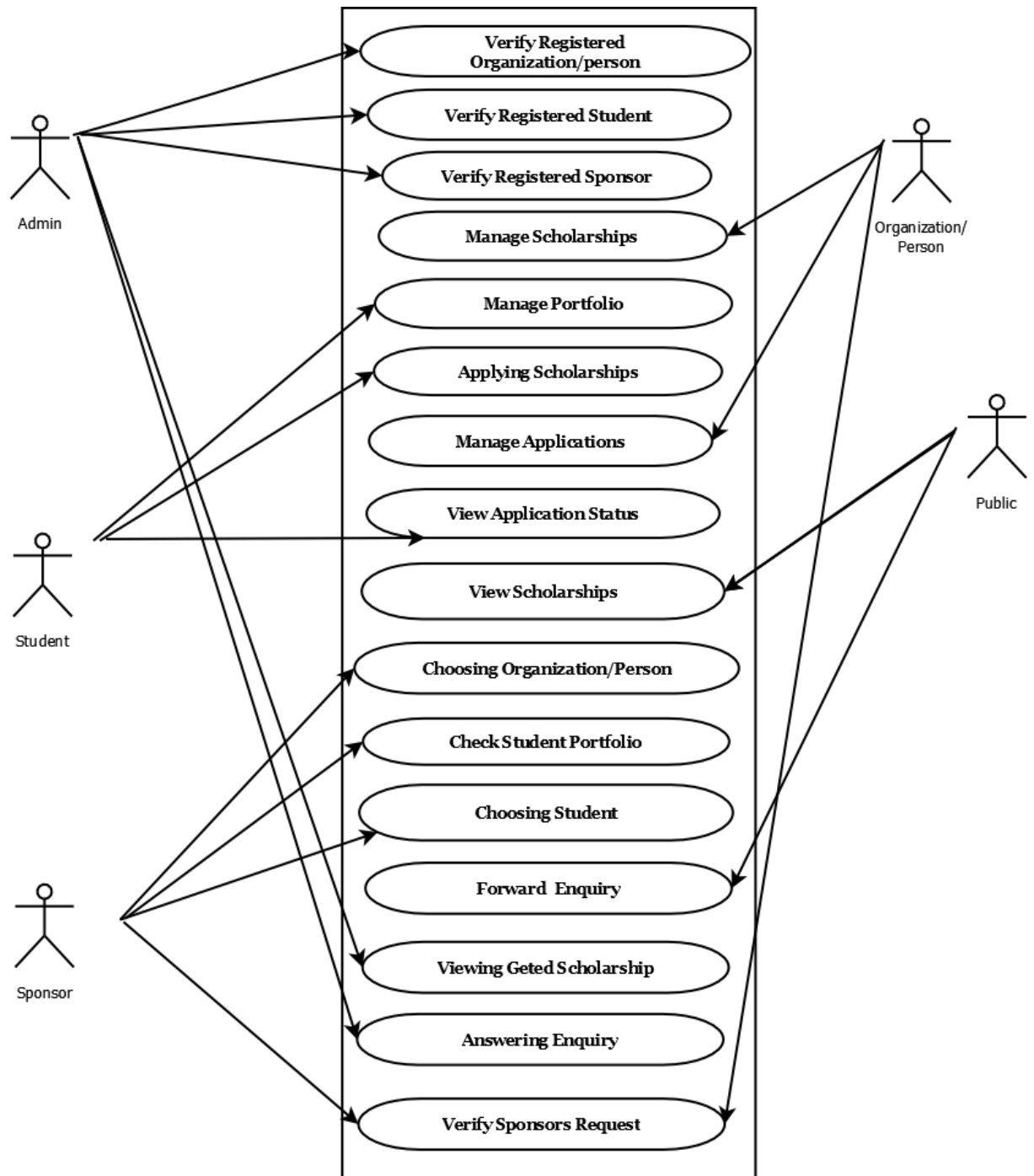
## METHODOLOGY

### 2.1 Introduction

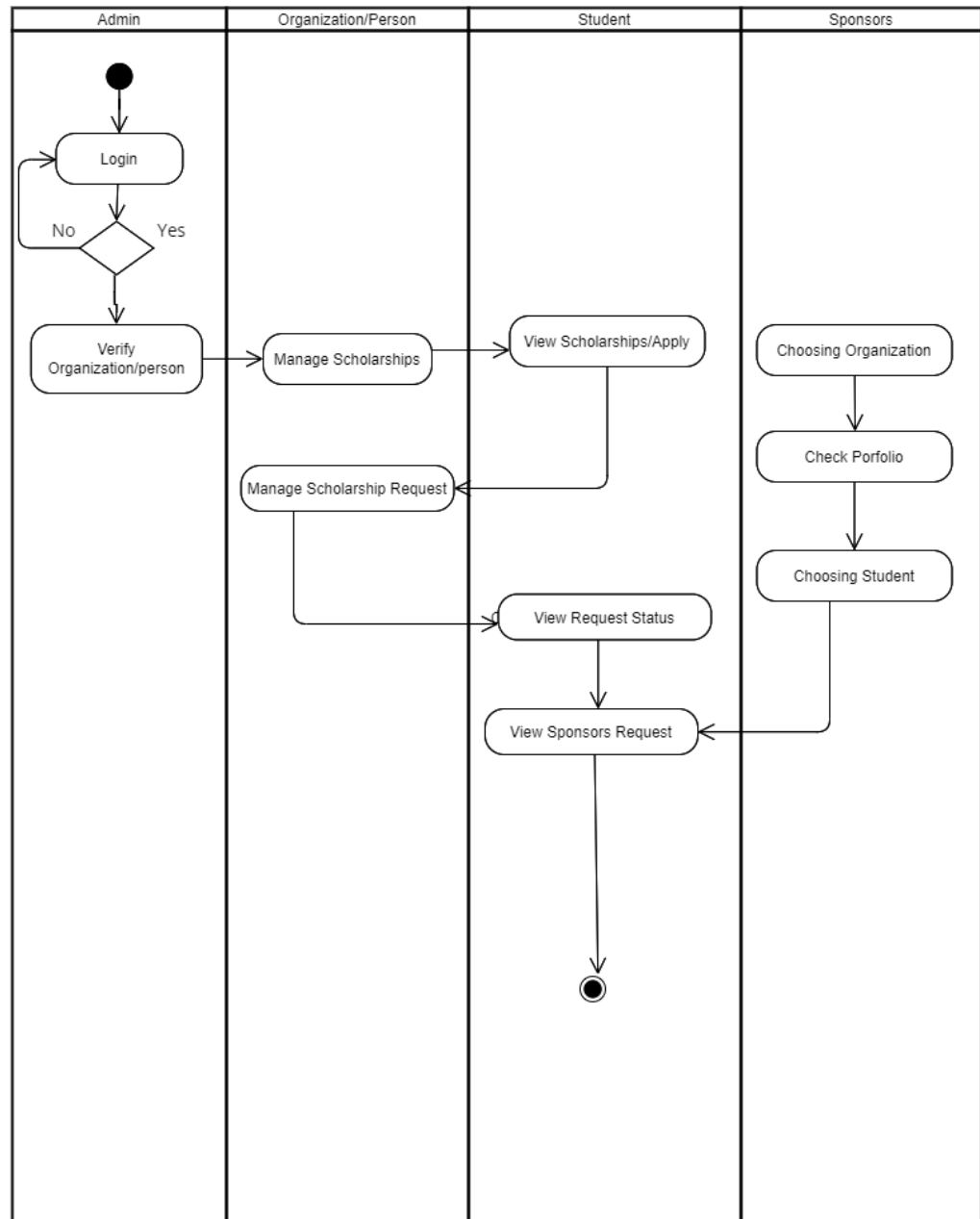
This project follows Agile methodology. Agile software development comprises various approaches to software development under which requirements and solutions evolve through the collaborative effort of self organizing and cross-sectional teams and their customers/end users. It advocates adaptive planning, evolutionary development, early delivery and continuous improvement and it encourage rapid and flexible response to change. it's a process for managing a project that involves constant collaboration and working in iterations. Today, the word Agile can refer to these values and the frameworks for implementing them, including Scrum. One thing that separates Agile from other approaches to software development is the focus on the people doing the work and how they work together. Solutions evolve through collaboration between self-organizing cross-functional teams utilizing the appropriate practices for their context.

## 2.2 UML Diagrams

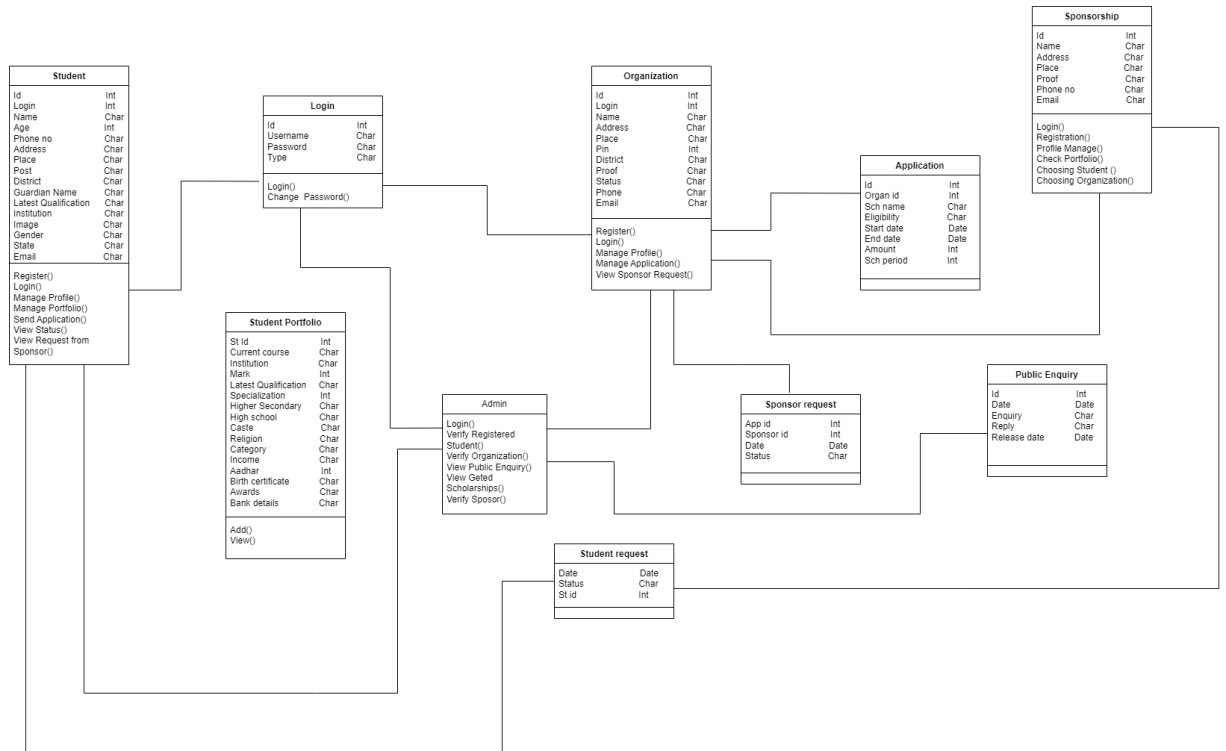
### 2.2.1 Use Case Diagram



### 2.2.2 Activity Diagram



## 2.2.3 Class Diagram





### 2.3 User Story

User story ID	As a <Type of Users >	I want to <Perform some task >	So that I can <Achieve some goal >
1	Admin	Login	To access the system.
2	Admin	Dashboard	View Admin Dashboard.
3	Organization/ Person	Registration/Login	Login/Registration to access the system
4	Organization/ Person	Dashboard	Dashboard of Organization/Person.
5	Admin	Verify Registered Organization/person	Admin can verify Registered Organization .
6	Organization/ Person	Manage Profile	Organization/Person can update their profile
7	Organization/ Person	Manage Scholarships	Organization /person can add,edit or delete their scholarships
8	Student	Registration/Login	Login/Registration to access the system.
9	Admin	Verify Registered Student	Admin can verify registered student .
10	Student	Dashboard	Dashboard of student.
11	Public	View Scholarships	Public can view all available Scholarships .
12	Public	Forward Enquiry	Public can forward enquiry if they have any doubts.
13	Sponsors	Registration/Login	To access the System
14	Sponsors	Verify Registered Sponsor	Admin can verify Registered Sponsors
15	Sponsors	Dashboard	Dashboard of Sponsors.
16	Sponsors	choosing Scholarships	Viewing and accepting interested scholarships.
17	Student	Manage Portfolio	Student can add details on portfolio.

<b>User story ID</b>	<b>As a &lt;Type of Users &gt;</b>	<b>I want to &lt;Perform some task &gt;</b>	<b>So that I can &lt;Achieve some goal &gt;</b>
18	Student	Apply Scholarships	Students can apply for their matching scholarships
19	Organization/ Person	Manage Application Request	They can Manage application request
20	Student	view Status	Student can view status of their scholarship application.
21	Sponsors	check student portfolio	Sponsors can check interested students portfolio
22	Admin	view geted Scholarships	Admin can view geted scholarships.
23	Admin	Replying enquiry	Admin can reply to pulic enquiry.
24	Admin	view approved Scholarships	Admin can view Approved scholarships.
25	organization/ person	view sponsors request	They can view sponsors request.

## 2.4 Product Backlog

User Story ID	Priority (Low,High, Medium)	Size	Sprint	Status (Planned, Progressed, Completed)	Release Date	Release Goal
1	High	9	1	Planned		Admin Login
2	High	9		planned		Admin Dashboard
3	High	7		planned		Organization/ Person login/ Registration
4	High	8	2	planned		Admin verify registered organization/person
5	High	7		planned		Dashboard of Organization/Person
6	High	6		planned		organization/ person manage profile
7	High	7	3	planned		Manage Scholarships by organization/ person
8	High	6		planned		Student Registration/Login
9	Medium	7		planned		Admin verify registered student

User Story ID	Priority (Low,High, Medium)	Size	Sprint	Status (Planned, Progressed, Completed)	Release Date	Release Goal
10	Medium	8	4	planned		Student Dashboard
11	Medium	7		planned		Public view Scholarship Details
12	High	6		planned		public forward Enquiry
13	Medium	7	5	planned		Sponsors Registration/Login
14	Medium	8		planned		Admin verify registered sponsor
15	Medium	8		planned		Sponsor dashboard
16	Low	7	6	planned		Sponsor choosing scholarships
17	High	6		planned		Student Manage Portfolio
18	High	7	7	planned		Apply Scholarships
19	High	8		planned		Orgainsation/person manage application request
20	High	6		planned		Student View Status
21	High	6	20	planned		Sponsors Check Student Portfolio

<b>User Story ID</b>	<b>Priority (Low,High, Medium)</b>	<b>Size</b>	<b>Sprint</b>	<b>Status (Planned, Progressed, Completed)</b>	<b>Release Date</b>	<b>Release Goal</b>
22	High	6		planned		Sponsors send request to the iterested students
23	High	6	8	planned		Admin View Geted Scholarships
24	High	6		planned		Admin can re- ply to public Enquiry
25	High	6	9	planned		Admin can view approved scholarships
26	High	6	10	planned		Admin can View Sponsors Request

## 2.5 Project Plan

User story ID	Task name	Start date	End date	Days	Status Goal
1	Admin Login			2	Planned
2	Admin Dash-board			2	Planned
3	Organization/ Person login			2	Planned
4	Admin verify registered organization/person			2	Planned
5	Dashboard of Organization/Person			1	Planned
6	organization/ person manage profile			4	Planned
7	Manage Scholarships by organization/ person			2	Planned
8	Student Registration/Login			2	Planned
9	Admin verify registered student			2	Planned
10	Student Dash-board			1	Planned

User story ID	Task name	Start date	End date	Days	Status Goal
11	Public view Scholarship Details			1	Planned
12	public forward Enquiry		7	Planned	
13	Sponsors Registration/Login			2	Planned
14	Admin verify registered sponsor			4	Planned
15	Sponsor dashboard			3	Planned
16	Sponsor choosing scholarships			3	Planned
17	Student Manage Portfolio			3	Planned
18	Apply Scholarships			2	Planned
19	Organization/person manage application request			5	Planned
19	Sponsors Check Student Portfolio			4	Planned
20	Sponsors send request to the interested students			1	Planned
21	Admin View Geted Scholarships		23	1	Planned

## 2.6 Database Design

### 2.6.1 Login Table

Login Table is used for authentication.

No.	Name	Type	Constraints	Description
1	Login_id	INT(11)	PRIMARY KEY	Login id
2	Username	CHAR(25)	NOT NULL	Email id of user
3	Password	CHAR(25)	NOT NULL	Password of user
4	Login_type	CHAR(25)	NOT NULL	Type of user

Table 2.1: Login Table



### 2.6.2 Organization/Person Table

No.	Name	Type	Constraints	Description
1	Id	INT(11)	PRIMARY KEY	Id of student
2	Name	CHAR(20)	NOT NULL	Name of organization / person
3	Address	CHAR(25)	NOT NULL	Address of Organization / person
4	Place	CHAR(25)	NOT NULL	Place of organization/person
5	District	CHAR(25)	NOT NULL	District of organization/person
6	Proof	CHAR(25)	NOT NULL	organization/person identity proof
7	Pin	INT(11)	NOT NULL	Pincode of organization/person
8	Phone no	CHAR(15)	NOT NULL	Phone number of organization/person
9	Email	CHAR(30)	NOT NULL	Email of organization/person
10	Login_id	INT(11)	Foreign KEY	Login id

Table 2.2: Organization / Person Table

### 2.6.3 Student Table

No.	Name	Type	Constraints	Description
1	Student_Id	INT(11)	PRIMARY KEY	Id of Student
2	Name	CHAR(20)	NOT NULL	Name of Student
3	DoB	Date	NOT NULL	Date of birth
4	Address	CHAR(25)	NOT NULL	Address of student
5	Place	CHAR(25)	NOT NULL	Place of student
6	Pincode	INT(11)	NOT NULL	Student pincode
7	District	Char(30)	NOT NULL	District of student
8	Gender	CHAR(25)	NOT NULL	Student Gender
9	State	CHAR(30)	NOT NULL	Student state
10	Photo	CHAR(250)	NOT NULL	Driver Photo
11	Country	CHAR(50)	NOT NULL	Student Country
12	Parents Name	CHAR(30)	NOT NULL	StudentParent Name
13	Email	CHAR(50)	NOT NULL	Student Email
14	Phoneno	CHAR(50)	NOT NULL	Student Phoneno
15	Latest Qualifica- tion	CHAR(50)	NOT NULL	Student Latest Qual- ification
16	Institution	CHAR(50)	NOT NULL	StudentInstitution Name
17	Login_id	INT(11)	Foreign KEY	Login id

Table 2.3: Student Table

#### 2.6.4 Scholarships

No.	Name	Type	Constraint	Description
1	Name	INT(11)	PRIMARY KEY	Scholarship id
2	O_id	INT(11)	FOREIGN KEY	Organization Person id
3	Scholarship_Name	CHAR(30)	NOT NULL	Name of Scholarship
4	Eligibility	CHAR(25)	NOT NULL	Eligibility Details
5	Start_Date	Date	NOT NULL	Starting Date
6	End_Date	Date	NOT NULL	Ending Date
7	Amount	Int	NOT NULL	Scholarship Amount
8	Scholarship_Period	CHAR(40)	NOT NULL	Scholarship Period
9	More	CHAR(55)	NOT NULL	More about Scholarships

Table 2.4: Scholarship Table

### 2.6.5 Public Enquiry Table

No.	Name	Type	Constraints	Description
1	P_id	INT(11)	PRIMARY KEY	Public Enquiry id
2	Date	DATE	NOT NULL	Date of Enquiry
3	Enquiry	CHAR(20)	NOT NULL	Public Enquiry
4	Reply	CHAR(50)	NOT NULL	Reply of Enquiry
5	Email	CHAR(50)	NOT NULL	Email id
6	Name	CHAR(50)	NOT NULL	Name of User
7	Phoneno	CHAR(15)	NOT NULL	Phone no
8	Reply_date	DATE	NOT NULL	Reply Date

Table 2.5: Public Enquiry Table

### 2.6.6 Sponsors Table

No.	Name	Type	Constraints	Description
1	S_id	INT(11)	PRIMARY KEY	Id of Sponsor
2	Name	CHAR(20)	NOT NULL	Sponsor Name
3	Place	CHAR(25)	NOT NULL	Place of Sponsor
4	Address	CHAR(25)	NOT NULL	Sponsor Address
5	District	CHAR(30)	NOT NULL	Sponsor District
6	Email	CHAR(30)	NOT NULL	Sponsor Email
7	Phoneno	CHAR(30)	NOT NULL	Sponsor Phoneno
8	Proof	CHAR(30)	NOT NULL	Sponsor Identity Proof

Table 2.6: Sponsor Table

### 2.6.7 Sponsor Request

No.	Name	Type	Constraint	Description
1	Request_id	INT(11)	PRIMARY KEY	Request id
2	Sponsor_id	INT(11)	FOREIGN KEY	Sponsorship id
3	App_id	INT(11)	FOREIGN KEY	Application id
4	Date	Date	NOT NULL	Request Date
4	Satus	CHAR(40)	NOT NULL	Request Status

Table 2.7: Sponsor Request Table

### 2.6.8 Application Request

No.	Name	Type	Constraint	Description
1	Sch_id	INT	PRIMARY KEY	Scholarship Request id
2	App_id	INT(11)	FOREIGN KEY	Application Id
3	Student_id	INT(11)	FOREIGN KEY	Student id
4	Status	CHAR(30)	NOT NULL	Status of request
5	Date	DATE	NOT NULL	Request Date
6	Reason	CHAR(30)	NOT NULL	Rejected Reason

Table 2.8: Application Request Table

### 2.6.9 Student Portfolio Table

No.	Name	Type	Constraint	Description
1	Portfolio_id	INT(11)	PRIMARY KEY	Portfolio Id
2	Student_id	INT(25)	FOREIGN KEY	Student Id
3	Current_course	CHAR(40)	NOT NULL	Student Current Course
4	Institution	CHAR(25)	NOT NULL	Institution Name
5	Grade	CHAR(20)	NOT NULL	Student Grade
6	Specilization	CHAR(45)	NOT NULL	Specialization Name
7	HigherSecondary	CHAR(45)	NOT NULL	Student Higher Secondary
8	High School	CHAR(45)	NOT NULL	Student High School
9	Caste	CHAR(45)	NOT NULL	Student Caste
10	Religion	CHAR(45)	NOT NULL	Student Religion
11	Category	CHAR(45)	NOT NULL	Student Category
12	Family Income	INT(45)	NOT NULL	Family Income
13	AdhaarNumber	INT(45)	NOT NULL	Student Adhaar Number
14	IncomeCertificate	CHAR(45)	NOT NULL	Incomecertificate
15	Birthcertificate	CHAR(45)	NOT NULL	Birth Certificate
16	BankAccount	INT(45)	NOT NULL	Student Bank Account Number

Table 2.9: Student Portfolio Table

## 2.7 FORM DESIGN

### 2.7.1 Homepage

This is the Home page for Organization/Person of this system.

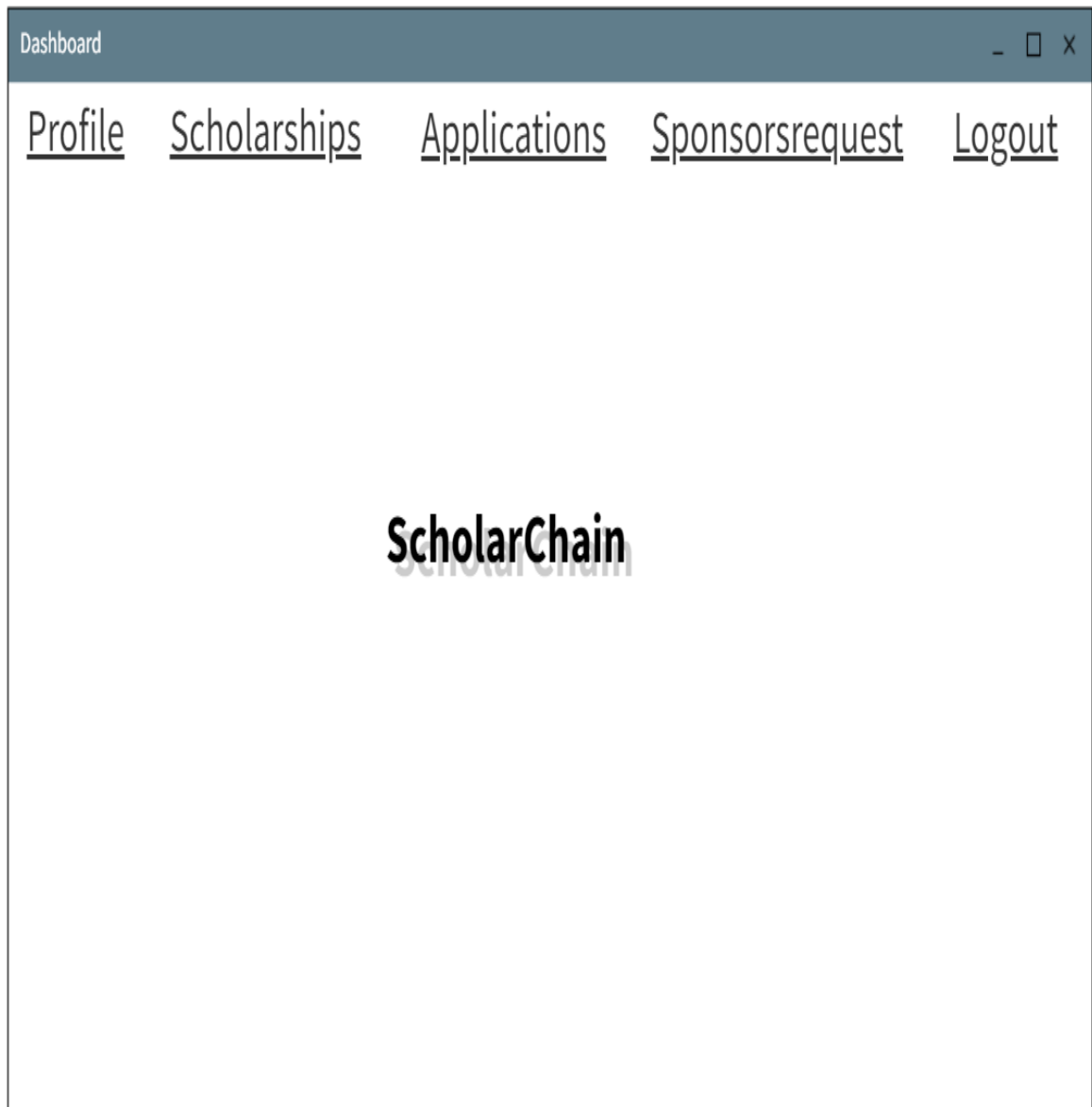


Figure 2.1: Home page

### 2.7.2 Login page

This is the login page for Admin and Organization/person of this system.

Welcome

## LOGIN

Username

Password

[Login](#) [Forgot password](#)

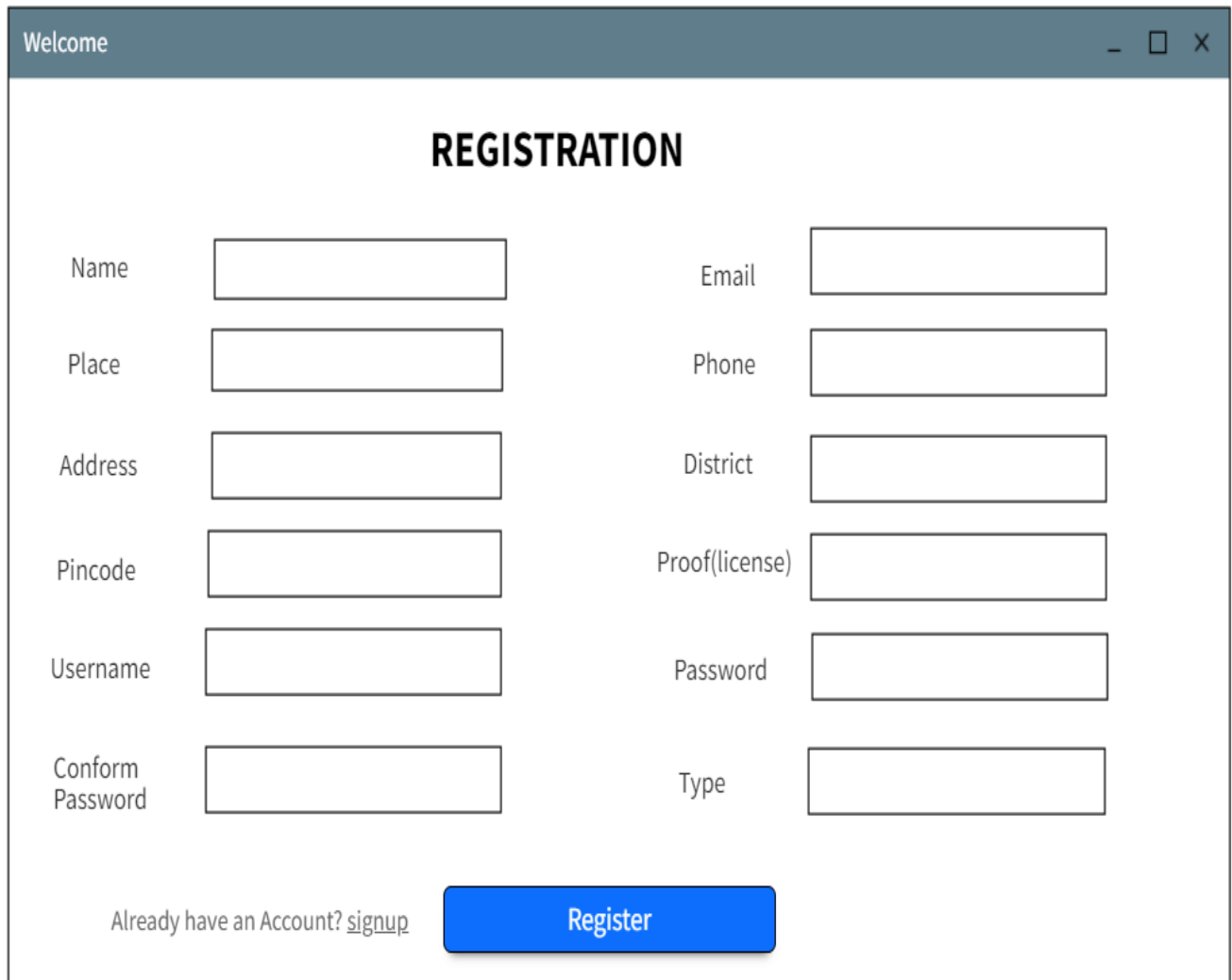
[Don't have an account? Sign Up](#)

Figure 2.2: Login page



### 2.7.3 Registration page

Registration page for the Organization/person of this system.



The image shows a web browser window with a title bar that says "Welcome" and standard window controls (minimize, maximize, close). The main content area is titled "REGISTRATION" in bold. Below the title, there are two columns of input fields. The left column contains: "Name", "Place", "Address", "Pincode", "Username", and "Conform Password". The right column contains: "Email", "Phone", "District", "Proof(license)", "Password", and "Type". Each label is followed by a rectangular input box. At the bottom left, there is a link that says "Already have an Account? [signup](#)". To the right of this link is a blue button with the text "Register" in white.

Name	<input type="text"/>	Email	<input type="text"/>
Place	<input type="text"/>	Phone	<input type="text"/>
Address	<input type="text"/>	District	<input type="text"/>
Pincode	<input type="text"/>	Proof(license)	<input type="text"/>
Username	<input type="text"/>	Password	<input type="text"/>
Conform Password	<input type="text"/>	Type	<input type="text"/>

Already have an Account? [signup](#)

Figure 2.3: Registration page

## 2.7.4 Dashboard

Dashboard of this system.

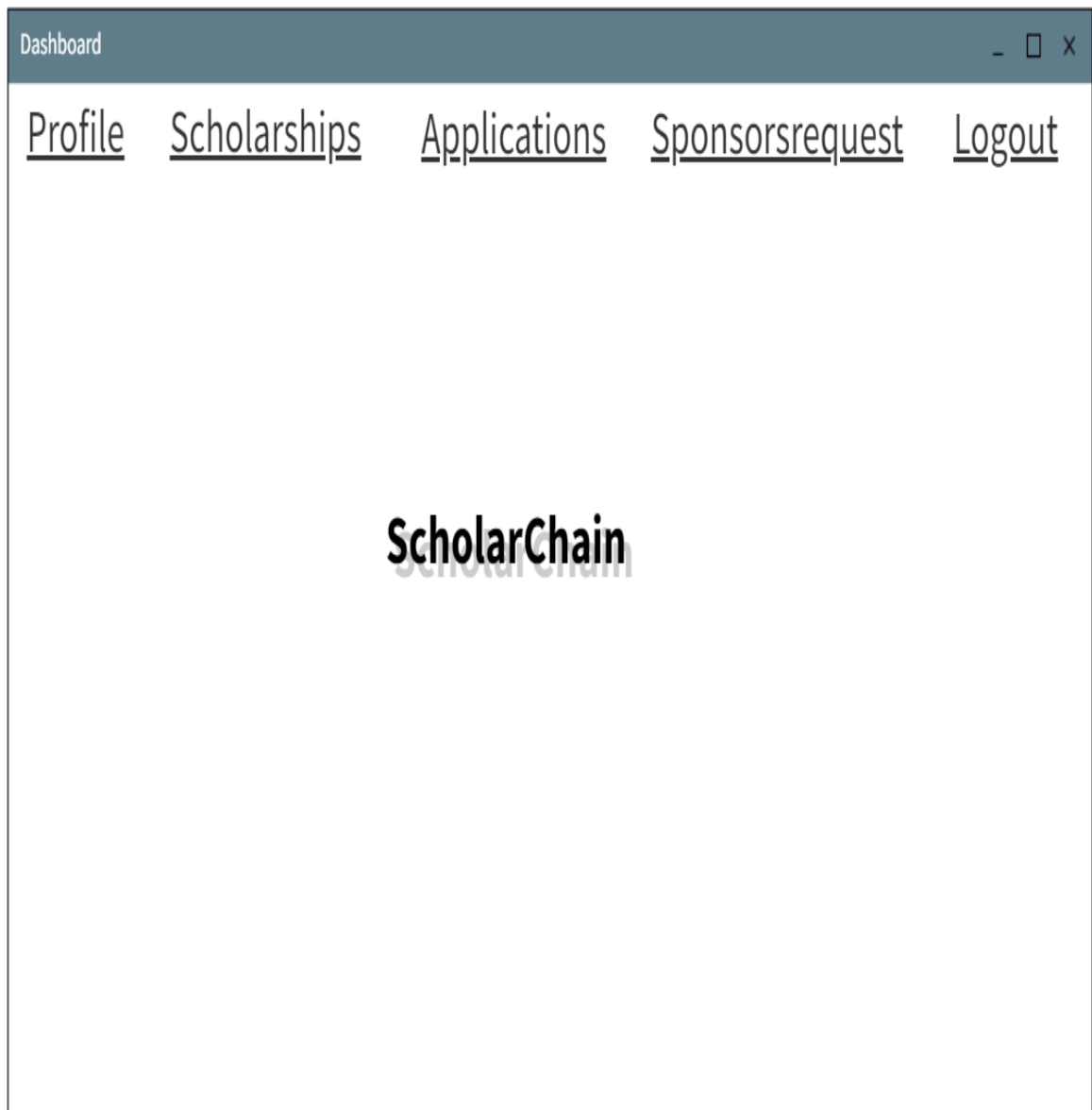


Figure 2.4: Dashboard

### 2.7.5 View Profile

This page is for the view profile of organization/person of this system.

The screenshot shows a web application window titled "Profile". Inside the window, there is a form with the following fields and labels:

- Name
- Place
- Address
- Phone
- E-mail
- District
- Pincode
- Proof

Below the form fields is a blue button labeled "Edit".

Figure 2.5: View Profile page

### 2.7.6 Edit Profile

This page is for the Editing profile of organization/person.



The image shows a web form titled "Edit Profile" in a window. The form contains several input fields for user information, arranged in two columns. The fields are: Name, E-mail, Place, Phone, Address, District, Pincode, Proof, and Username. The "Proof" field has a file upload button labeled "Upload". At the bottom center of the form is a blue "Update" button.

Name	<input type="text"/>	E-mail	<input type="text"/>
Place	<input type="text"/>	Phone	<input type="text"/>
Address	<input type="text"/>	District	<input type="text"/>
Pincode	<input type="text"/>	Proof	<input type="text"/> Upload
Username	<input type="text"/>		

Update

Figure 2.6: Edit Profile page

### 2.7.7 Add Scholarship page

This page is for the organization/person for add scholarships.

The screenshot shows a web application window with a title bar labeled "Dashboard". Inside the window, there is a form titled "Add Scholarships". The form contains the following fields and controls:

- Scholarships Name**: A text input field.
- Eligibility**: A larger text input area.
- Start Date**: A date input field.
- End Date**: A date input field.
- Amount**: A text input field.
- Scholarship No**: A text input field.
- Scholarship period**: A text input field.
- Submit**: A blue button with white text.

Figure 2.7: Add Scholarship page

### 2.7.8 Edit Scholarship

This page is for editing Scholarships organization/person

The screenshot shows a web application window titled "Scholarships". Inside, the heading "Scholarships List" is centered. Below it, there is a table with three rows. The first two rows contain form fields for "Scholarship Name", "Eligibility", "Amount", "Start Date", and "End Date". Each of these two rows also has a blue "Edit" button and a red "Delete" button. The third row is empty. To the right of the table is a large, empty rectangular box.

Scholarships List						
Scholarship Name						
Eligibility					Edit	Delete
Amount						
Start Date	End Date					
Scholarship Name						
Eligibility					Edit	Delete
Amount						
Start Date	End Date					

Figure 2.8: Edit Scholarships

### 2.7.9 Application

This page is for viewing All application by organization/person

Scholarships

Filter

Sl No	Application Number	Student Info	Date	Proof Income		
		<div><div></div><div>Name</div></div>			<u>Student</u>	<div>Accept</div> <div>Reject</div>
						<div>Accept</div> <div>Reject</div>

Figure 2.9: Application

### 2.7.10 StudentHomepage

This page is homepage for student



Figure 2.10: Student Homepage



### 2.7.11 Student Registration

This page is for Registration for student

The image shows a mobile application interface for student registration. The screen is titled "Registration" in bold black text. Below the title, there is a list of input fields for registration details. The fields are arranged vertically, each with a label to its left and a corresponding text input box to its right. The labels are: Name, Gender, E-mail, Phone, Photo, Address, Place, Pincode, District, DoB, UserName, Password, and Confirm Password. At the bottom of the form, there is a blue button with the text "Register" in white. The entire form is enclosed in a rounded rectangular frame that resembles a mobile device screen.

Name	<input type="text"/>
Gender	<input type="text"/>
E-mail	<input type="text"/>
Phone	<input type="text"/>
Photo	<input type="text"/>
Address	<input type="text"/>
Place	<input type="text"/>
Pincode	<input type="text"/>
District	<input type="text"/>
DoB	<input type="text"/>
UserName	<input type="text"/>
Password	<input type="text"/>
Confirm Password	<input type="text"/>

**Register**

Figure 2.11: Student Registration

### 2.7.12 Student Portfolio

This page is for Student portfolio This page is for Student portfolio This page is for

Caste

Religion

Category

Gardian Name

Occupation

State

Country

Save

Next

Figure 2.12: Student Portfolio

Student portfolio This page is for Student portfolio

Current Course

Institution

Grade/CGPA

Latest Qualification

Institution

Grade/CGPA

Higher Secondary

Institution

Grade/CGPA

Save

Next

Figure 2.13: Student Portfolio

Family Income

Income Certificate Upload

Birth Certificate Upload

Adhaar Number

Caste Certificate Upload

Save Next

Figure 2.14: Student Portfolio

Account Number

IFSC CODE

Branch Name

I \_\_\_\_\_ Declare.....

Save Submit

Figure 2.15: Student Portfolio

### 2.7.13 Scholarships

This page is for student for applying scholarships

Scholarship Name  
Scholarship Number  
Amount  
Start Date      End Date  
Scholarship Period

**Apply**

Figure 2.16: Scholarships

### 2.7.14 Sponsor Request

This page is for student for viewing all the sponsor request



Figure 2.17: sponsor request

### 2.7.15 Public Homepage

This page is homepage for public

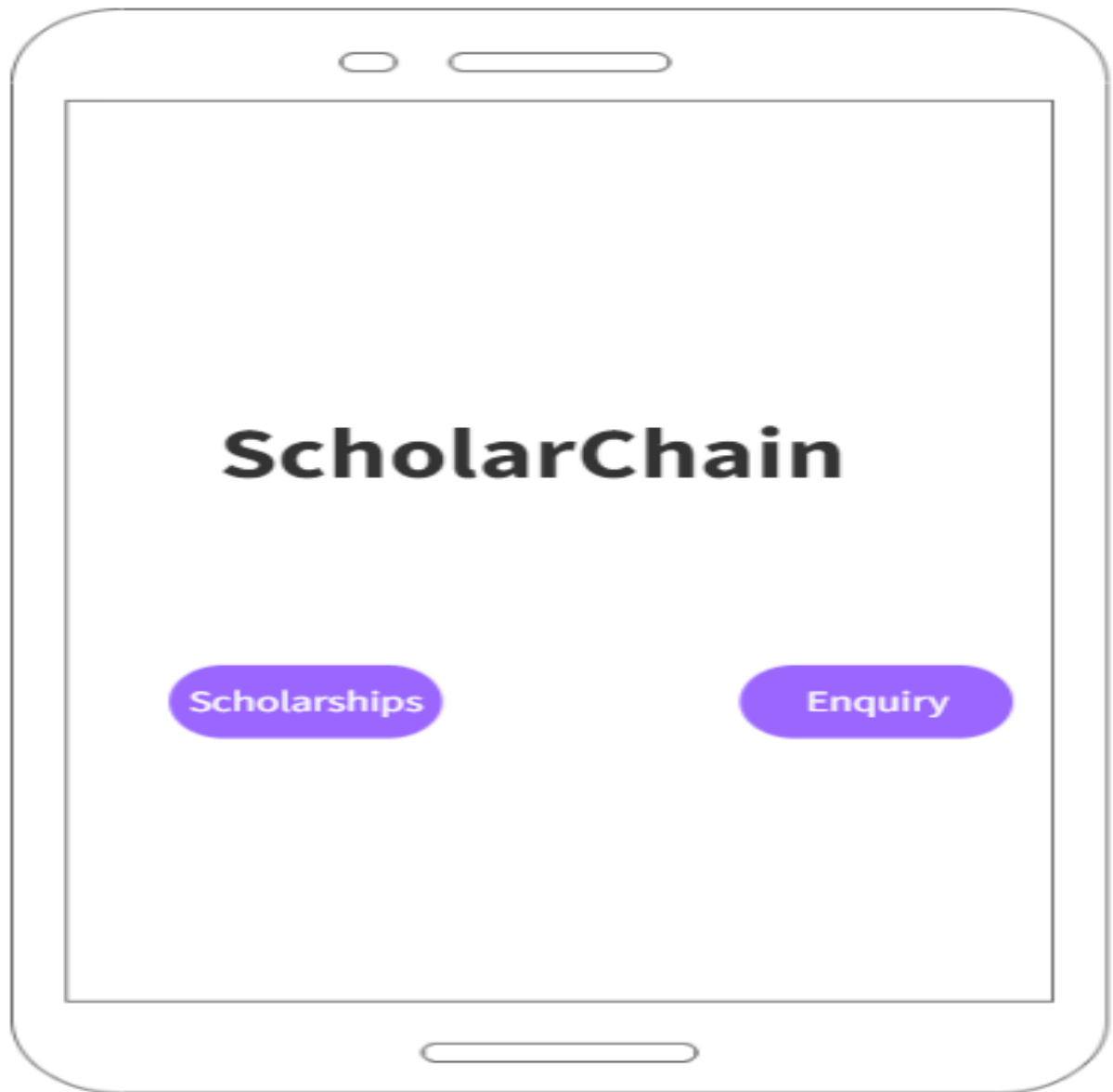


Figure 2.18: public homepage



### 2.7.16 Enquiry

This page is for public for sending their enquiry

Name

E-mail

Phone

Date

Enquiry

**Submit**

Figure 2.19: Public Enquiry

### 2.7.17 View Scholarships

This page is for Public for Viewing all scholarships



Figure 2.20: View Scholarships