

## **LITLOOP – AN E-LEARNING PLATFORM**

Submitted by

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For the award of the degree of Bachelor of  
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**Session: 2024**

## CERTIFICATE



# INTERNSHIP Certificate

This is certify that Mr/Ms Chetna Mohata has successfully completed 5 month/months (From 03-Jan-2024 To 31-May-2024) VIRTUAL (Work from Home) IT Project Development INTERNSHIP with HARIMAN IT CONSULTING LLP.

During his/her tenure conduct was good and work done was excellent. We found him/her to be hard working.  
We wish him/her all the success in future endeavour.

**NAVEEN NAYAK**  
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## ABSTRACT

A dynamic e-learning platform called LITLOOP was created with great care to close the gap between professional opportunities and education. Our platform creates a smooth, engaging space where students can apply for internships that fit with their career goals, engage with firms, and access a wealth of educational resources. Through the integration of professional possibilities and educational resources, LITLOOP gives firms access to a skilled and driven workforce while equipping students with the information and real-world experience needed to succeed in the workplace.

**Student Registration:** LITLOOP provides students with an easy-to-use registration procedure. Students can access a variety of learning resources catered to their areas of interest by creating detailed profiles. They can apply as soon as possible and easily follow the progress of their application because the site keeps them informed about the most recent internship possibilities.

**Company Registration:** To improve their hiring procedures, businesses are welcome to become a part of LITLOOP. Companies that have registered can interact with possible applicants, peruse student profiles, and publish comprehensive internship listings. With the help of this tool, businesses may find and hire talented interns who can enhance their projects and help them advance within the company.

**Internship Listings:** By offering a single location for listings, LITLOOP streamlines the process of looking for an internship. Businesses have the ability to publish thorough job descriptions and prerequisites for each internship position. Students can simply peruse these postings, submit their applications straight through the platform, and track the status of their submissions. This expedited method guarantees a transparent application process while saving time.

**Interactive Learning:** We have a plethora of materials, tutorials, and courses on our platform that cover a wide range of academic subjects. LITLOOP provides useful content that improves students' learning experiences, regardless of their goals for expanding their knowledge or learning new skills. Interactive features like discussion boards, video tutorials, and quizzes provide a stimulating and productive learning environment.

**Encouraging Future Professionals:** The goal of LITLOOP is to encourage students to

pursue their career goals by giving them the resources and chances they require. For students looking to lay a solid career foundation, LITLOOP is a vital resource since it provides a comprehensive platform that blends education with practical experience.

## ACKNOWLEDGEMENT

I would like to take this opportunity to express my profound gratitude to my Supervisor, **Mr Naveen Nayak** for being ever ready to provide his valuable time, support, and constructive guidance during the entire course of my internship. His valuable suggestions and encouragement enabled and inspired me to handle a project of this enormity with confidence. It has been a pleasure to learn and grow under his mentorship.

I am thankful to every person at **Hariman IT Consulting LLP** who has contributed in any way to my training. My stay in the organization has been a great learning experience and a curtain-raiser to an interesting and rewarding career. The exposure has enhanced my technical knowledge and has introduce meto the attributes of a successful professional.

I express my sincere gratitude to **DR. C.K. Jha** (Head of the Department of Computer Science, AIM & ACT, Banasthali Vidyapith, Rajasthan) and members of the staff of my university for their constant encouragement during the project work

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## **CHAPTER 1**

### **OBJECTIVE**

Students today encounter many obstacles while trying to get internships and career advice in the internet age. The procedure frequently lacks individualized support, is disorganized, and is overwhelming, which results in inefficiencies and lost chances. LitLoop's main goal is to overcome these issues by offering a centralized, user-friendly platform that makes internship opportunities easier to discover, and provides individualized career consulting services.

By compiling job postings from different sectors and regions, LitLoop seeks to expedite the internship search process and save students a great deal of time and effort in locating appropriate internships. LitLoop makes different opportunities more visible by providing a one-stop platform for internship searches. This guarantees that students may find a wide range of possible internships that align with their interests and professional objectives.

Additionally, LitLoop aims to streamline the application procedure by enabling students to submit a single click application for internships directly through the website. This procedure reduces duplication and streamlines the application process by automatically submitting their resume, qualifications, and other required information. The goal of this simplification is to reduce the time and frustration that come with applying for internships.

Improving communication and openness between businesses and students is one of LitLoop's other main goals. Companies can easily examine and manage applications, and the platform guarantees that students receive regular information and notifications regarding the status of their applications. Increased contact between companies and students facilitates more successful hiring practices and fewer lost opportunities.

With LITLOOP, companies will have access to a skilled and driven workforce while students will be equipped with the experiences and tools necessary to succeed in their jobs. Come grow with us and be a part of a community that is changing professional development and education for the better. LITLOOP is here to support your success whether you are a firm

seeking to connect with top-tier talent or a student prepared to start your career.

In the future, professional growth and education will be smoothly merged, according to LITLOOP. Our goal is to establish a community where businesses and students may engage, grow, and learn from one another. In order to ensure that our users are ready for the opportunities and challenges that lie ahead, we want to close the gap between academia and industry by promoting a culture of professional involvement and ongoing learning.

## CHAPTER 2

### SRS (REQUIREMENT ANALYSIS)

#### 2.1 REQUIREMENT SPECIFICATION:

**Connectivity:** Users should be able to obtain internship listings and communicate with firms easily and efficiently with the help of LitLoop's internship page. To guarantee continuous access for consumers, irrespective of their location or device preferences, this necessitates strong networking protocols and interoperability with a wide range of devices and browsers.

**Consistency:** It's critical to keep the internship tab's user experience consistent in all respects. This consistency lessens users' cognitive load and improves overall usability by ensuring that navigation, layout, and functionality are consistent across the platform. To provide a seamless user experience, consistent design elements and interaction patterns should be used.

**Adaptability:** Over time, LitLoop should be able to adjust to changes in market trends, user needs, and technology developments. This calls for a scalable design that can accommodate expanding user bases and enable smooth integration of new features and customization choices. To stay current and competitive in the changing internship platform market, the platform should be built with future growth and improvement in mind.

**Simplification of Maintenance:** At LITLOOP, we prioritize ease of maintenance through our modular architecture. This design philosophy ensures that updates, enhancements, and troubleshooting tasks are executed with minimal complexity and downtime. By breaking down our platform into manageable, independent modules, we can swiftly address issues, implement improvements, and introduce new features without disrupting the user experience. This approach guarantees that both students and companies can rely on LITLOOP for a seamless, continuously improving experience.

## **2.2 HARDWARE AND SOFTWARE REQUIREMENTS:**

### **2.2.1 Hardware Requirements:**

#### **Server-Side Requirements**

HARDWARE COMPONENTS	SPECIFICATIONS
Server Infrastructure	<ul style="list-style-type: none"> <li>- Robust server infrastructure</li> </ul>
	<ul style="list-style-type: none"> <li>- Multi-core processors (e.g., Intel Xeon, AMD Ryzen)</li> </ul>
	<ul style="list-style-type: none"> <li>- Adequate RAM capacity (e.g., 8GB to 32GB)</li> </ul>
	<ul style="list-style-type: none"> <li>- SSD-based storage solutions for fast read/write speeds</li> </ul>
	<ul style="list-style-type: none"> <li>- Gigabit Ethernet or higher network interfaces</li> </ul>
Database Server	<ul style="list-style-type: none"> <li>- Database Management System (DBMS)</li> </ul>
	<ul style="list-style-type: none"> <li>- SSD-based storage solutions with sufficient capacity</li> </ul>
	<ul style="list-style-type: none"> <li>- Adequate RAM capacity for database caching and optimization</li> </ul>
	<ul style="list-style-type: none"> <li>- Multi-core processors optimized for database workloads</li> </ul>
Networking Equipment	<ul style="list-style-type: none"> <li>- High-performance routers and switches</li> </ul>
	<ul style="list-style-type: none"> <li>- Hardware firewalls and security appliances</li> </ul>

## Client-Side Requirements

HARDWARE COMPONENTS	SPECIFICATIONS
Computing Devices	<ul style="list-style-type: none"> <li>- Desktop/Laptop/Tablet/Smartphone</li> </ul>
	<ul style="list-style-type: none"> <li>- Modern multi-core processors</li> </ul>
	<ul style="list-style-type: none"> <li>- Adequate RAM capacity</li> </ul>
	<ul style="list-style-type: none"> <li>- SSD or HDD storage solutions</li> </ul>
	<ul style="list-style-type: none"> <li>- High-resolution displays</li> </ul>
Network Connectivity	<ul style="list-style-type: none"> <li>- Wired Connection: Ethernet ports</li> </ul>
	<ul style="list-style-type: none"> <li>- Wireless Connection: Wi-Fi connectivity for laptops, tablets, and smartphones</li> </ul>
	<ul style="list-style-type: none"> <li>- Cellular Connectivity: Support for 3G, 4G, or 5G cellular networks</li> </ul>
Input Devices	<ul style="list-style-type: none"> <li>- Keyboard and Mouse for desktops/laptops,</li> <li>- Touchscreen for tablets/smartphones</li> </ul>

## 2.2.2 Software Requirements:

### Server-Side Requirements

SOFTWARE COMPONENTS		SPECIFICATIONS
Operating System	- Compatible with major operating systems: Windows, macOS, Linux	
Web Server	- Apache HTTP Server (or any other compatible web server)	
Database Management	- MySQL database for storing and retrieving data	
Server-Side Scripting	- PHP for server-side scripting	
Development Environment	- XAMPP for local development and testing	
	Text editors or integrated development environments (IDEs) for server-side scripting (e.g., Visual Studio Code)	
Security Software	- Antivirus/antimalware software to protect against malicious threats	
Frontend Development	- HTML for markup	
	- CSS for styling	
	- JavaScript for scripting	
	- JavaScript also for validation.	

## Client-Side Requirements

SOFTWARE COMPONENTS	SPECIFICATIONS
Operating System	<ul style="list-style-type: none"> <li>- Compatible with major operating systems:</li> <li>Windows,macOS, Linux, iOS, Android</li> </ul>
Web Browser	<ul style="list-style-type: none"> <li>- Support for modern web browsers: Google Chrome,Mozilla Firefox, Safari, Microsoft Edge</li> </ul>
Security Software	<ul style="list-style-type: none"> <li>- Antivirus/antimalware software to protect against malicious threats</li> </ul>

## BACKEND

**PHP:** Hypertext Preprocessor, or PHP for short, is a popular free scripting language that works well for developing websites and can be integrated into HTML. Because of its simple syntax, even non-programmers can learn and use it, while expert programmers may take advantage of its complex capabilities. Millions of websites and apps run on PHP because it has strong capabilities for database interaction, server-side scripting, and dynamic content creation. PHP has a large built-in function library, supports several databases, and integrates easily with different frameworks, making it a flexible and strong option for developing dynamic and interactive online applications. Hypertext Preprocessor, or PHP for short, is a popular free scripting language that works well for developing websites and can be integrated into HTML. Because of its simple syntax, even non-programmers can learn and use it, while expert programmers may take advantage of its complex capabilities. Millions of websites and apps run on PHP because it has strong capabilities for database interaction, server-side scripting, and dynamic content creation.

PHP's vast library of built-in functions, which makes complicated operations like file manipulation, data encryption, and picture processing easier, is one of its most important features. PHP can also be easily integrated with many databases, such as MySQL, PostgreSQL, and SQLite, which improves its capacity to manage data-driven applications. The language's support for several frameworks, including CodeIgniter, Symfony, and Laravel, significantly simplifies the development procedure by providing ready-made modules, effective routing, and strong security measures.

Because PHP can easily interface with a wide range of online technologies and services, including RESTful APIs, JSON, and XML, developers may easily design dynamic and interactive web applications. Additionally, PHP's robust community and frequent upgrades guarantee that the language will always be safe, dependable, and adaptable to the ever-changing needs of contemporary web development.

**XAMPP:** The software package known as XAMPP, which stands for Cross-Platform (X), Apache (A), MariaDB (M), PHP (P), and Perl (P), is a potent and simple-to-install tool that offers developers a local server environment. On a desktop computer, it streamlines the process of setting up and testing dynamic web applications. XAMPP is a complete web development solution that combines the most widely used web server in the world, Apache, with MariaDB, a stable and open-source database management system, as well as the programming languages Perl and PHP. Cross-platform compatibility, which enables XAMPP to function flawlessly on Windows, macOS, and Linux, is one of its main features. Because of its adaptability, it is a priceless tool for developers who operate in a variety of settings. To further improve its usefulness, the program comes with necessary utilities like FileZilla for FTP access and phpMyAdmin for database administration. Before deploying their work to a live server, developers may quickly and easily replicate a production server with XAMPP, test their code, debug apps, and make sure everything works as it should. Even for individuals who are not experienced in server management, handling the server's components is simple because to its intuitive control interface. We at LITLOOP have made considerable use of XAMPP in our project development process, taking use of its powerful features and user-friendly interface to effectively design and test our dynamic web applications. We have simplified our development process and made our platform more dependable, safe, and performance-optimized by integrating XAMPP into our workflow.

## FRONTEND

**HTML (HyperText Markup Language):** The most recent iteration of the industry-standard markup language for building webpages and web applications is called HTML. For improved website structuring, it offers more potent and adaptable elements, features, and actions.

- Features: Provides enhanced multimedia functionality, such as native playback of audio and video without requiring plugins. Additionally, it offers improved form controls and semantics, which facilitate content comprehension and indexing for search engines.

**CSS (Cascading Style Sheets):**

CSS, also known as Cascading Style Sheets, is the most recent standard for styling web content. It improves how online pages look visually by giving developers more flexibility over things like layout, fonts, colors, and animations.

- Features: Offers sophisticated styling options like as animations, transitions, shadows, and gradients. Additionally, CSS3 allows for responsive design, which makes it possible for web pages to smoothly adjust to different screen sizes and devices.

**JAVASCRIPT:** JavaScript serves as the backbone of interactivity and functionality within LITLOOP, powering various aspects of our platform from dynamic content generation to form validations. As a client-side scripting language, JavaScript enables us to create dynamic and responsive user interfaces, enhancing the overall user experience. Through JavaScript, we implement features such as interactive quizzes, live chat support, and real-time updates, fostering engagement and interaction between users and the platform. Beyond its role in enhancing user experience, JavaScript also plays a crucial role in ensuring data accuracy and security through form validations. By implementing JavaScript-based validations, we can verify user inputs in real-time, providing instant feedback and preventing invalid data.

submissions. Whether it's validating email addresses, enforcing password strength requirements, or verifying input formats, JavaScript empowers us to maintain data integrity while simplifying the user experience.

Furthermore, JavaScript enables seamless integration with third-party APIs and libraries, allowing us to extend the functionality of LITLOOP with ease. Whether it's integrating with social media platforms for seamless authentication or incorporating interactive data visualization tools for enhanced learning experiences, JavaScript empowers us to continually innovate and enhance the capabilities of our platform.

In essence, JavaScript is not just a scripting language in LITLOOP; it's a fundamental tool that drives innovation, interactivity, and security, enabling us to deliver a dynamic and engaging e-learning environment for our users.

## IDE

**Visual Studio Code (VS Code):** Description: Visual Studio Code is a lightweight and extensible source code editor developed by Microsoft. It supports multiple programming languages and offers built-in functionalities for code editing, debugging, and version control.

Key Features: VS Code provides a rich set of extensions and themes, enabling developers to customize their development environment according to their preferences. It offers features like IntelliSense for code completion, built-in Git integration for version control, and a powerful debugging toolset. Additionally, VS Code supports various plugins and extensions, enhancing its functionality for different programming languages and frameworks.

## DATABASE

- **MySQL Foundation:** MySQL serves as the foundational element of data management within LITLOOP, enabling efficient storage, retrieval, and manipulation of vast amounts of crucial information essential for the platform's functionality.
- **Relational Database Management:** MySQL's status as a powerful relational database management system ensures reliability, scalability, and performance, making it an optimal choice for addressing the diverse data requirements of our e-learning platform.
- **Data Storage:** In LITLOOP, MySQL fulfils a pivotal role in storing various types of data, including user profiles, course materials, and internship listings. Leveraging MySQL's relational structure facilitates the establishment of meaningful relationships between different data entities, enabling seamless data retrieval and analysis.
- **Personalized User Experiences:** MySQL's relational model enables the delivery of personalized user experiences within LITLOOP. By establishing relationships between data entities, such as user preferences and past interactions, we can tailor educational content recommendations and optimize internship matching algorithms.
- **Security Features:** MySQL offers robust security features that safeguard sensitive user data from unauthorized access and malicious activities. Features like user authentication, access control, and data encryption ensure compliance with data privacy regulations and instill user confidence in the security of their information.
- **Scalability:** MySQL's scalability ensures that LITLOOP can accommodate growth and handle increased user activity without sacrificing performance. Whether scaling up to support a growing user base or optimizing database queries for enhanced response times, MySQL provides the flexibility and reliability needed to meet the evolving demands of our platform.

- **Ease of Integration:** MySQL seamlessly integrates with various components of LITLOOP, allowing for smooth interaction with other technologies and systems. Whether it's integrating with server-side scripts, web frameworks, or third-party APIs, MySQL's compatibility ensures effortless data exchange and system interoperability.
- **Performance Optimization:** MySQL's advanced optimization techniques and query caching mechanisms contribute to the efficient performance of LITLOOP. By fine-tuning database queries, indexing data appropriately, and implementing caching strategies, we can enhance the platform's responsiveness and reduce latency, ensuring a smooth user experience even during peak usage periods.

## 2.3 FEASIBILITY STUDY

A feasibility study serves as a pivotal assessment tool, gauging the potential impacts—both positive and negative—of system development on an organization. It aims to provide a comprehensive understanding of the system's viability and practicality, offering valuable insights to guide informed decision-making.

### 2.3.1 Technical Feasibility:

- Technology Stack Compatibility: Evaluation of how well the chosen technology stack (HTML, CSS, JavaScript, PHP, MySQL) aligns with the project requirements and objectives.
- Examination of the compatibility and interoperability of different components within the technology stack to ensure seamless integration and functionality.
- Hardware and Software Infrastructure: Assessment of whether the existing hardware infrastructure, including servers, networking equipment, and development machines, can support the development, testing, and deployment of the LitLoop platform.
- Development Environment: Analysis of the development environment setup, including IDEs, version control systems (e.g., Git), and collaboration tools, to determine if they facilitate efficient and effective software development practices.
- Consideration of any additional tools or resources required to streamline the development process, such as code editors, debugging tools, and project management platforms.

### 2.3.2 Economic Feasibility:

- Cost Estimation: Estimation of the total project costs, including hardware, software, development resources, operational expenses, and ongoing maintenance and support costs. Assessment of the cost-effectiveness of various development options, such as in-house development versus outsourcing, to identify the most financially viable approach.

- Return on Investment (ROI): Analysis of the potential returns and benefits that LitLoop can provide, such as increased student engagement, improved internship placement rates, and enhanced career consultancy services. Calculation of the ROI based on projected revenue streams, such as subscription fees, advertising revenue, partnership opportunities, compared to the initial investment and ongoing operating costs.

### **2.3.3 Operational Feasibility:**

- User Acceptance: Evaluation of the willingness and readiness of key stakeholders, including students, employers, career advisors, and administrators, to adopt and utilize the LitLoop platform.
- Gathering feedback and conducting user surveys or interviews to understand user needs, preferences, and pain points to ensure the platform meets their expectations.
- Organizational Impact: Assessment of the organizational impact of implementing LitLoop, including changes to existing processes, workflows, and resource allocation within educational institutions and corporate organizations.
- Identification of any potential challenges or barriers to adoption and strategies to address them effectively to ensure smooth integration and operation of the platform.

### **2.3.4 Resource Feasibility:**

- Human Resources: Assessing the availability and expertise of human resources required for LitLoop development, including developers, designers, testers, and project managers.

- Identifying any gaps in skill sets and planning for training or recruitment activities to ensure the project team has the necessary capabilities.
- Technical Expertise: Evaluating the technical proficiency of team members in implementing the chosen technology stack and development methodologies. Providing opportunities for skill enhancement and knowledge transfer to address any gaps in technical expertise and ensure project success.
- Budget Allocation: Estimating the budget required for LitLoop development, including costs associated with hardware, software licenses, development resources, and operational expenses. Allocating budgetary resources effectively to maximize project outcomes while minimizing unnecessary expenditures.

### 2.3.5 Schedule Feasibility in LITLOOP

- **Timeline Alignment:** The project schedule aligns strategically with the academic calendar and internship program schedules of partnering schools. This alignment ensures that essential milestones are completed within designated internship periods, allowing students to seamlessly integrate their educational commitments with practical learning experiences on the LITLOOP platform.
- **Resource Management:** Efficient allocation of resources, including human capital and technological assets, is paramount in safeguarding adherence to project timelines and delivery schedules. LITLOOP employs a structured resource management approach to optimize resource.

## 2.4 PRODUCT FUNCTIONS

### **User Registration and Authentication:**

Registration Process: Guide users through a step-by-step registration process where they provide basic information such as name, email, password, and user type (seeker or provider).

Email Verification: Implement an email verification system to confirm the validity of user accounts and prevent unauthorized access.

Password Security: Ensure password security by enforcing strong password requirements and securely storing user credentials using encryption techniques.

Error Handling: Provide informative error messages and guidance to users in case of registration or authentication issues to facilitate a smooth onboarding experience.

### **Personalized Dashboards:**

Dynamic Content: Customize the content and layout of each user's dashboard based on their role (seeker or provider) and preferences.

Quick Access Links: Include quick access links or buttons to commonly used features and sections within the dashboard, such as internship listings, application status, and profile settings.

Responsive Design: Design the dashboard to be responsive across different devices and screen sizes to ensure an optimal viewing experience for users accessing the platform from desktops, laptops, or mobile devices.

**Internship Posting:**

Intuitive Form: Design an intuitive form on the provider dashboard for posting internship opportunities, with fields for title, description, duration, qualifications, company logo, and any other relevant details.

Validation Checks: Implement validation checks to ensure that required fields are filled out correctly and that the provided information meets the platform's guidelines and standards.

Preview Functionality: Offer a preview function for providers to review their internship postings before submission, allowing them to make any necessary edits or adjustments.

**Internship Application:**

User-Friendly Interface: Create a user-friendly interface for students to browse and apply for internship opportunities, with clear calls-to-action and intuitive navigation.

One-Click Application: Enable students to apply for internships with a single click or tap, minimizing friction and simplifying the application process.

Resume Upload: Allow students to upload their resumes or CVs along with their internship applications to provide additional information to companies.

**Admin Approval:**

Review Queue: Route internship postings submitted by providers to an admin review queue for approval, with options for admins to accept, reject, or request modifications to postings.

Workflow Automation: Implement workflow automation to streamline the approval process and notify providers of the status of their internship postings in a timely manner.

**Application Management:**

Application Tracking: Provide tools for companies to track and manage internship applications received from students, including sorting, filtering, and categorizing applications based on status or relevance.

**Communication Tools:** Integrate communication tools such as email templates or messaging systems to facilitate communication between companies and applicants throughout the application process.

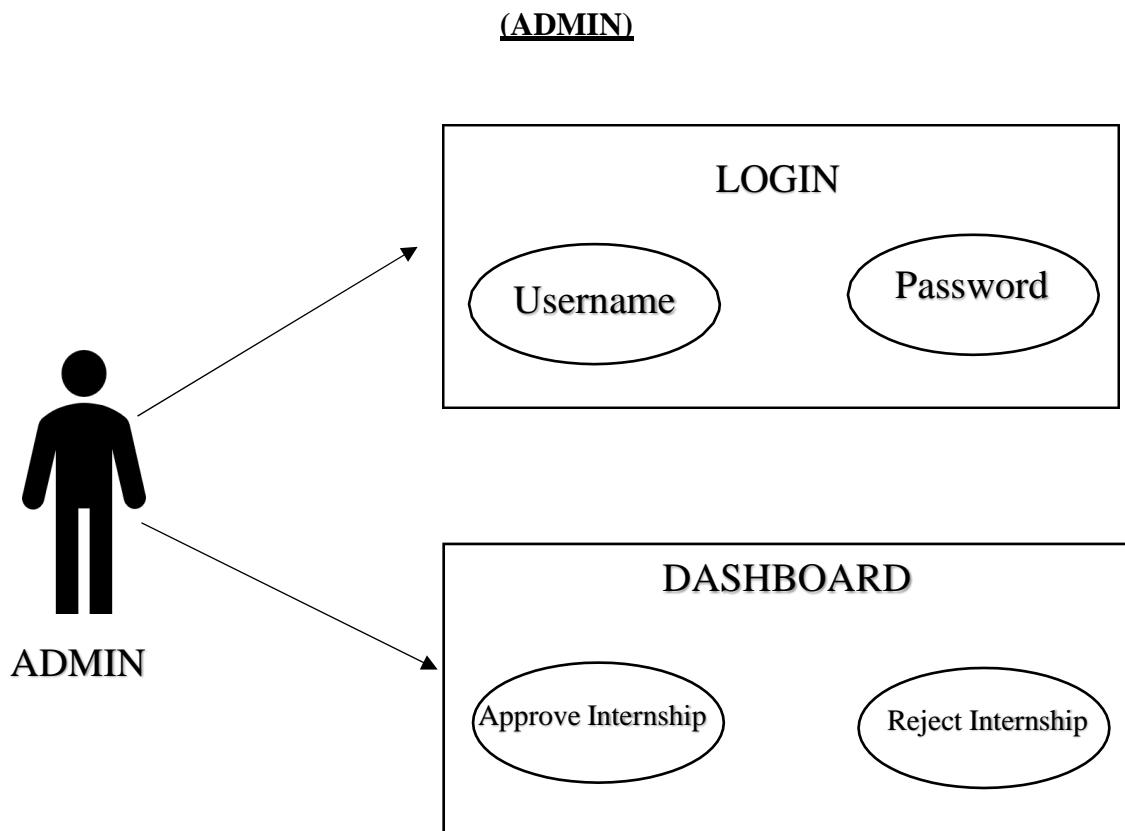
**Email Notifications:**

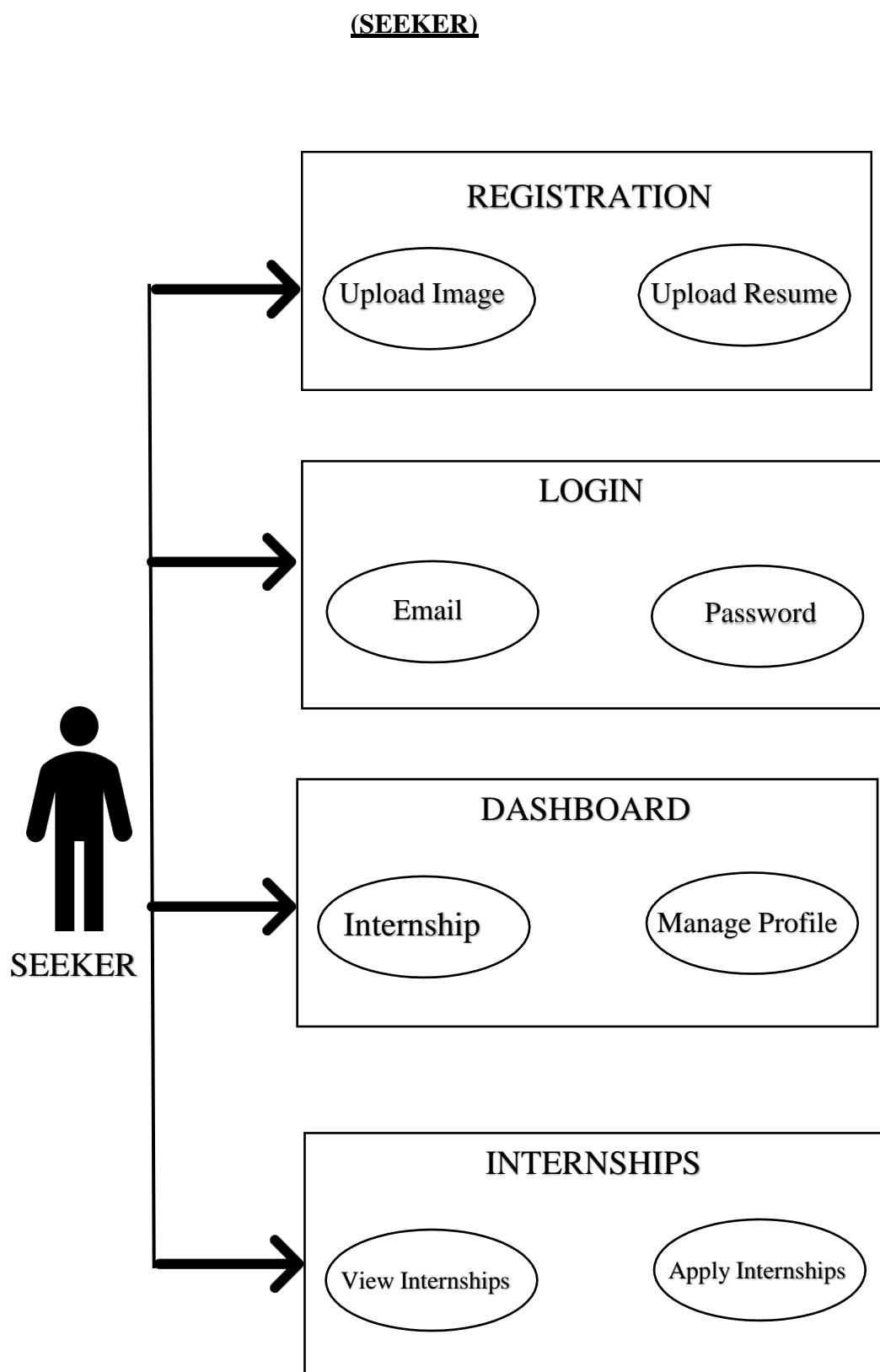
Customizable Templates: Create customizable email notification templates for sending automated notifications to users regarding account registration, application status updates, and admin decisions.

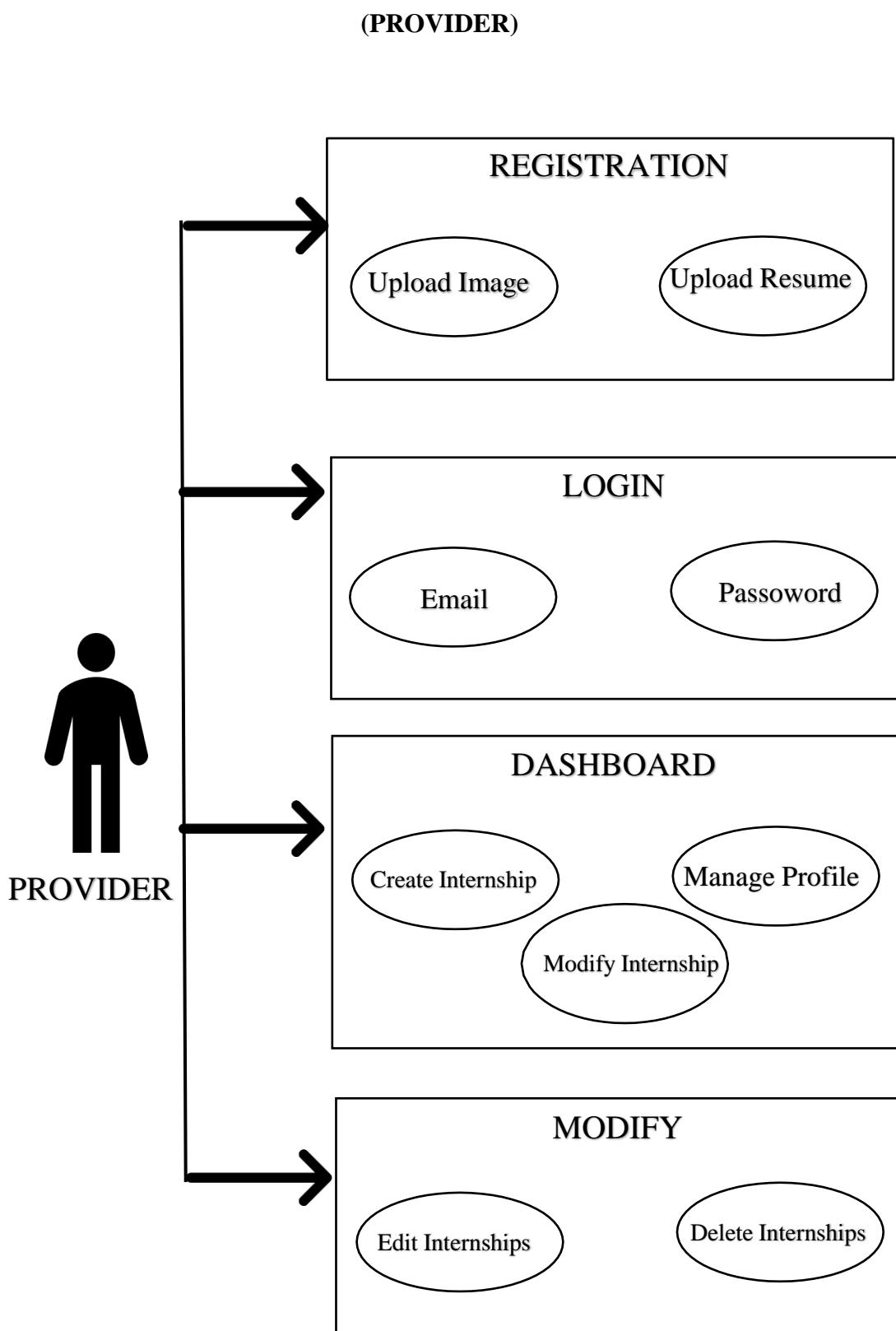
**Profile Management:**

Edit Profile: Allow users to edit and update their profile information, including personal details, contact information, educational background, work experience, and skills.

## 2.5 USE CASE DIAGRAM

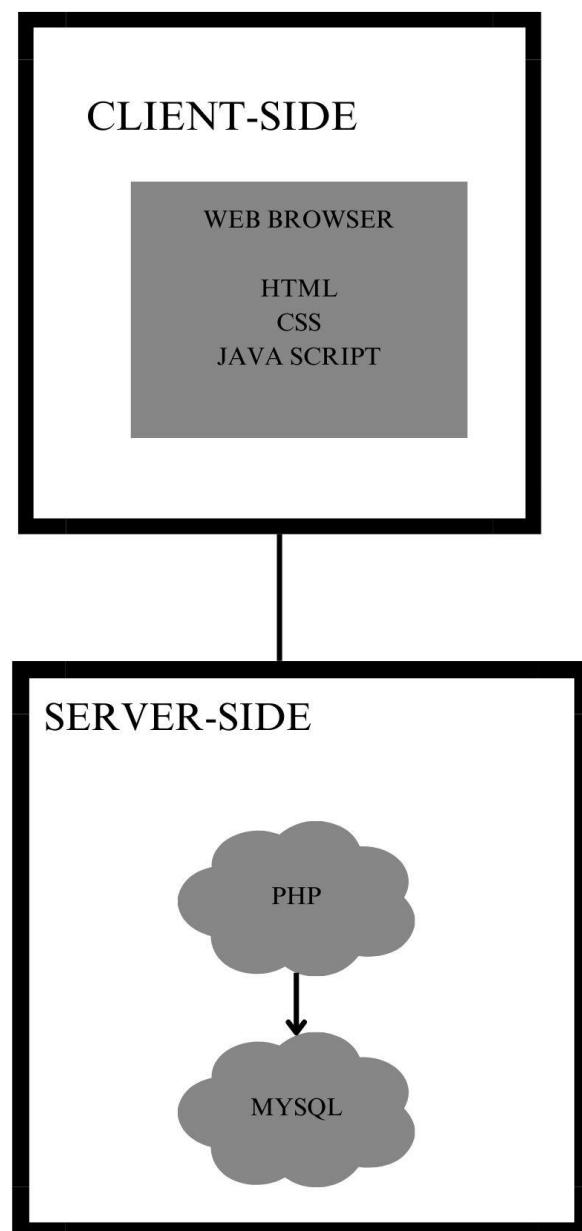




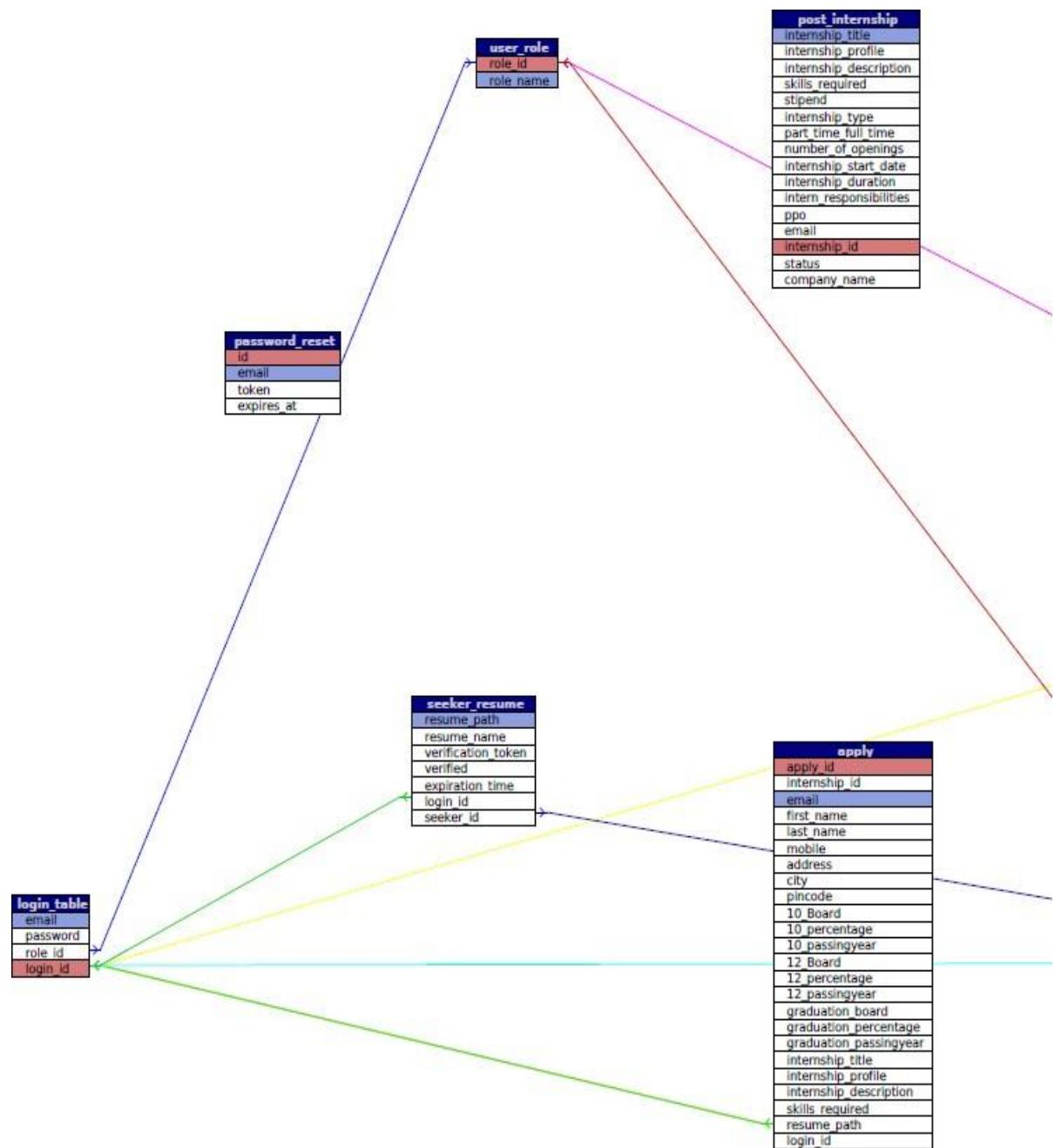


# SDS (System Design Specification)

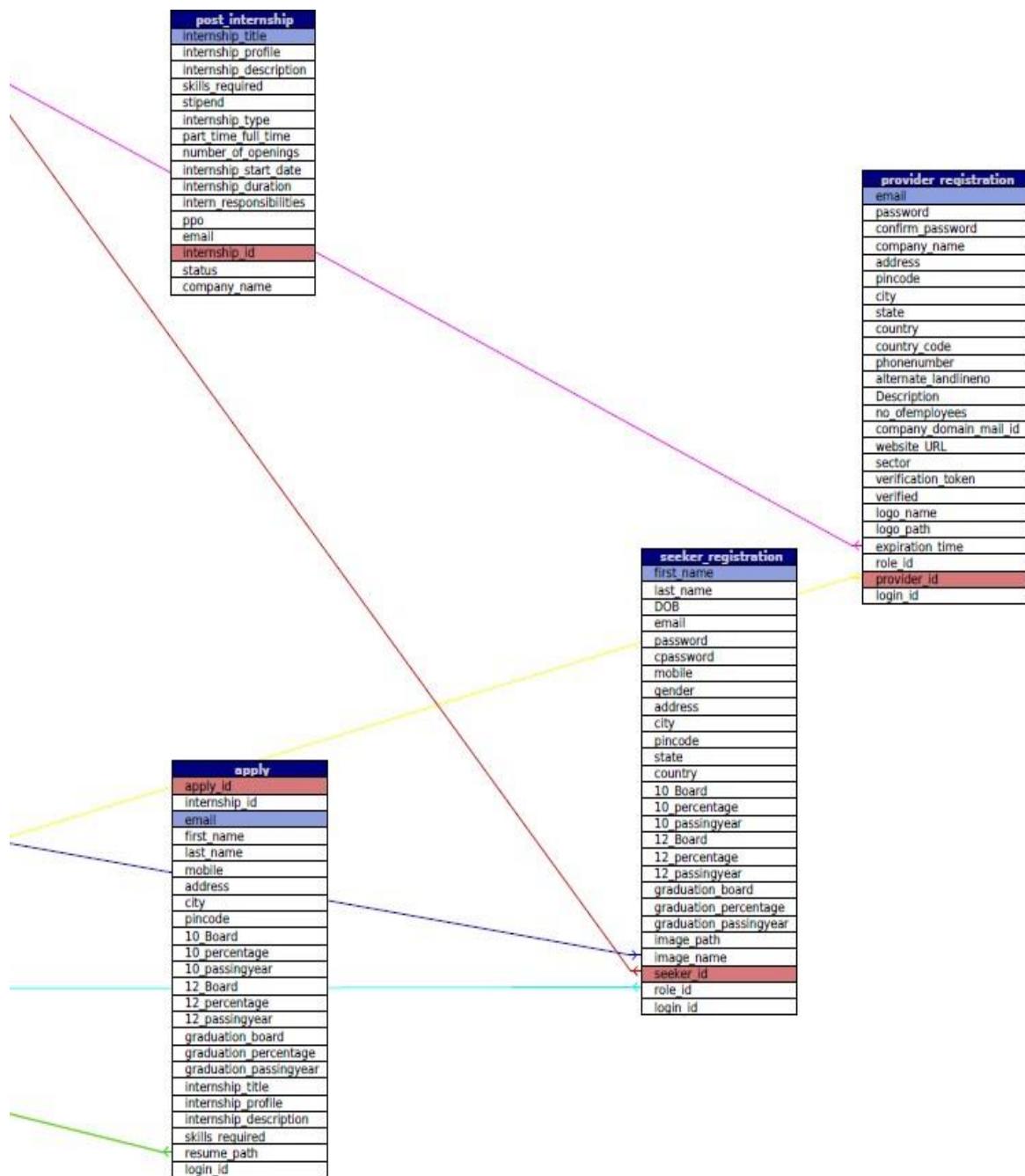
## 3.1 High-level Diagram



## 3.2 CLASS DIAGRAM

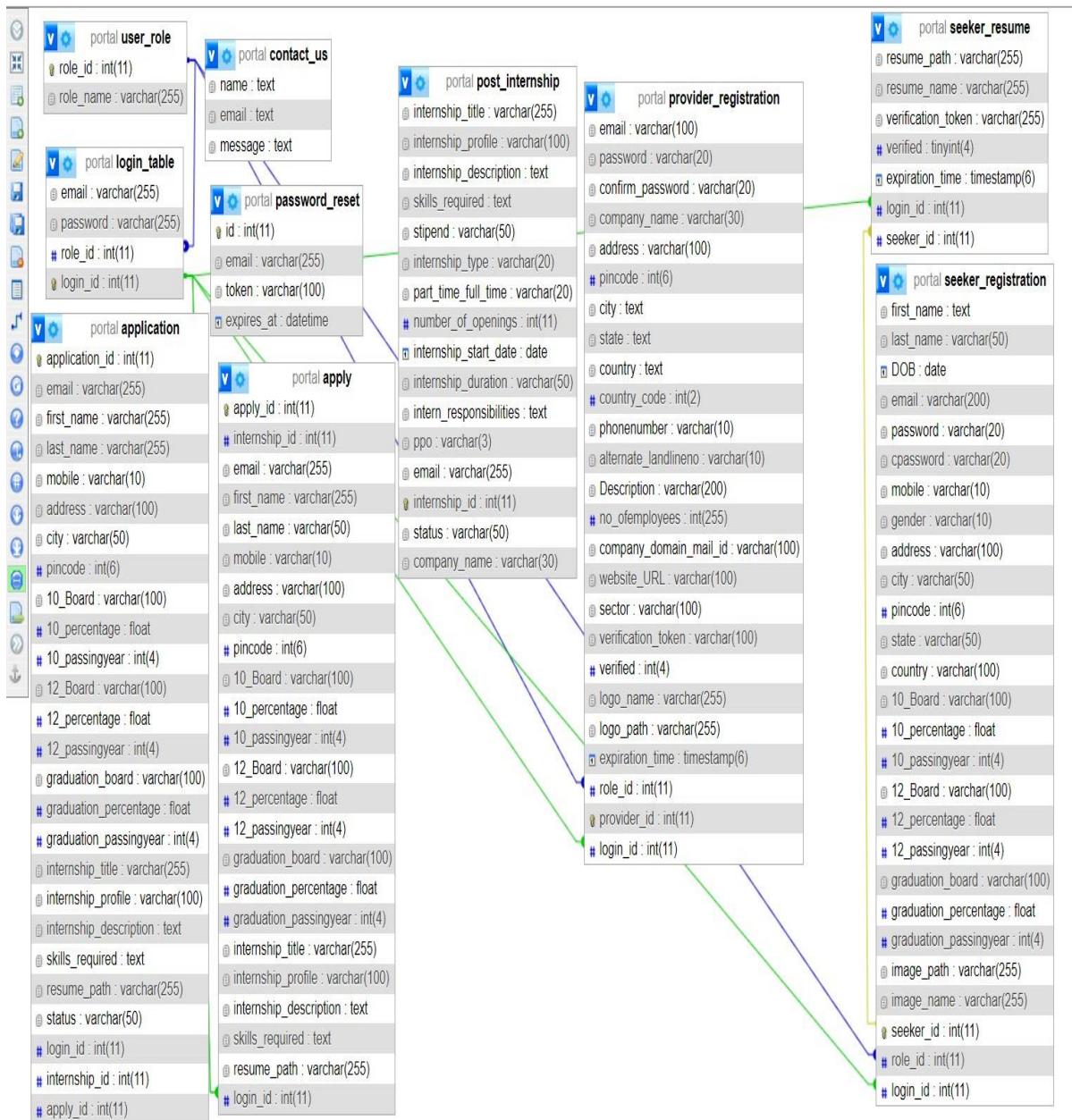


**Left View**

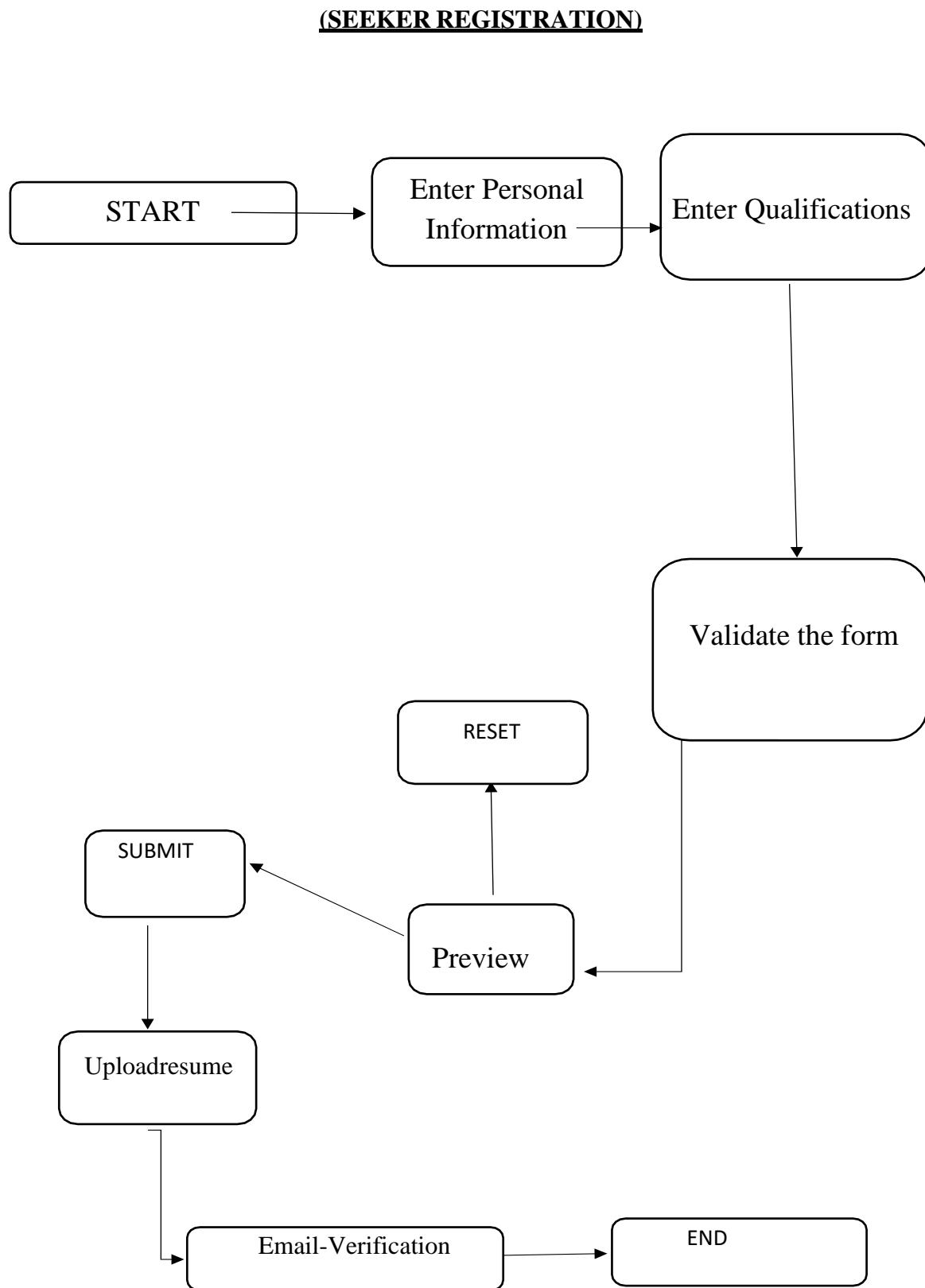


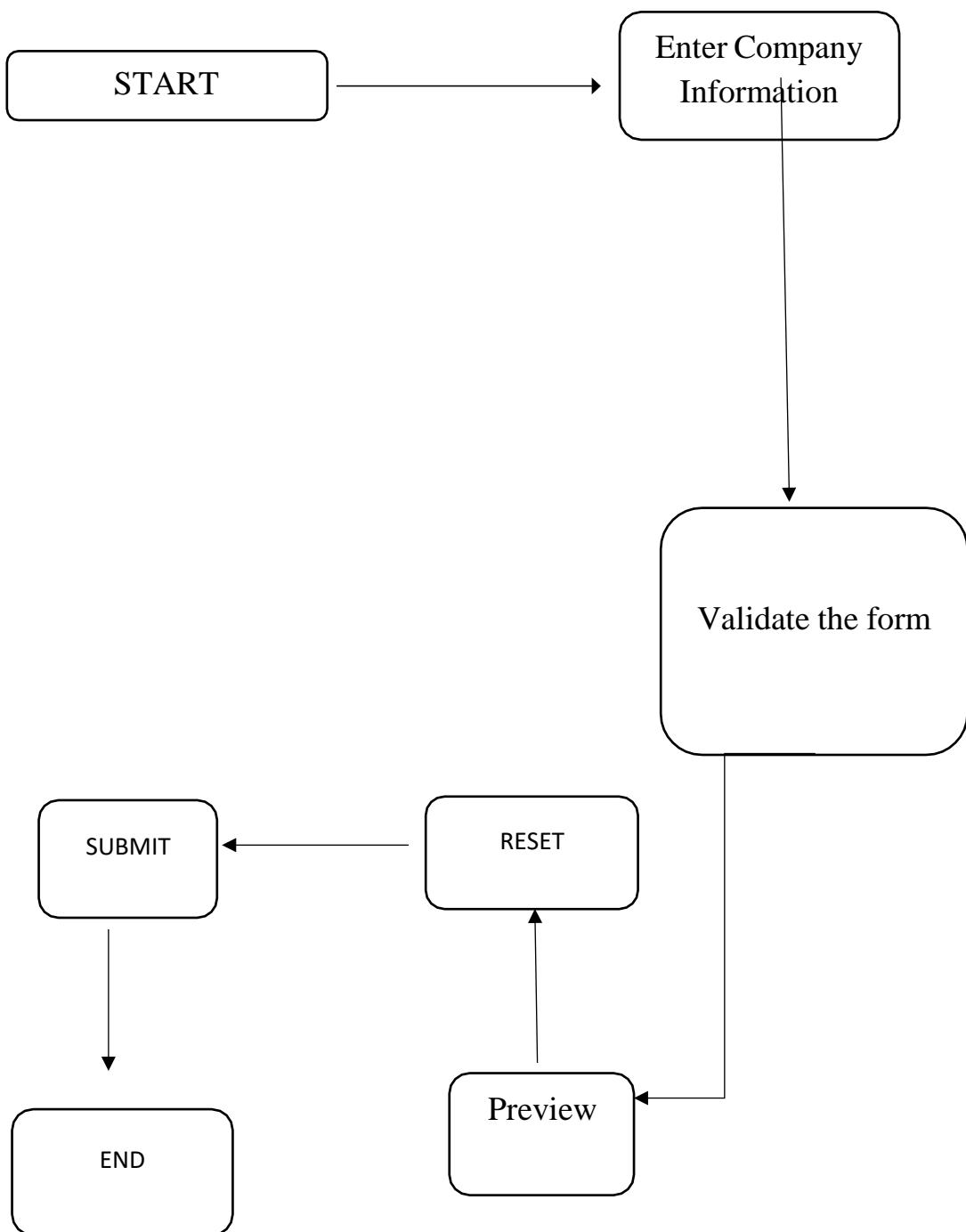
## Right View

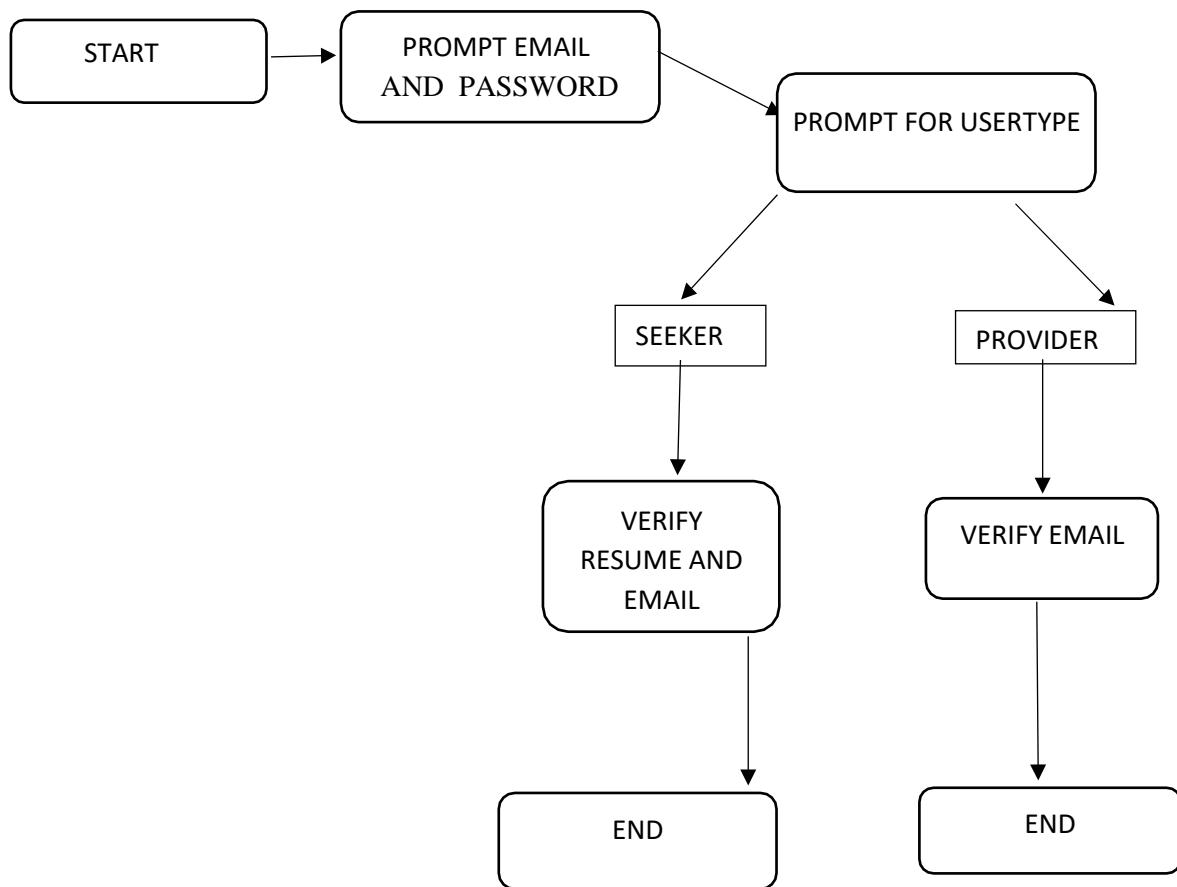
### 3.3 Database Diagram

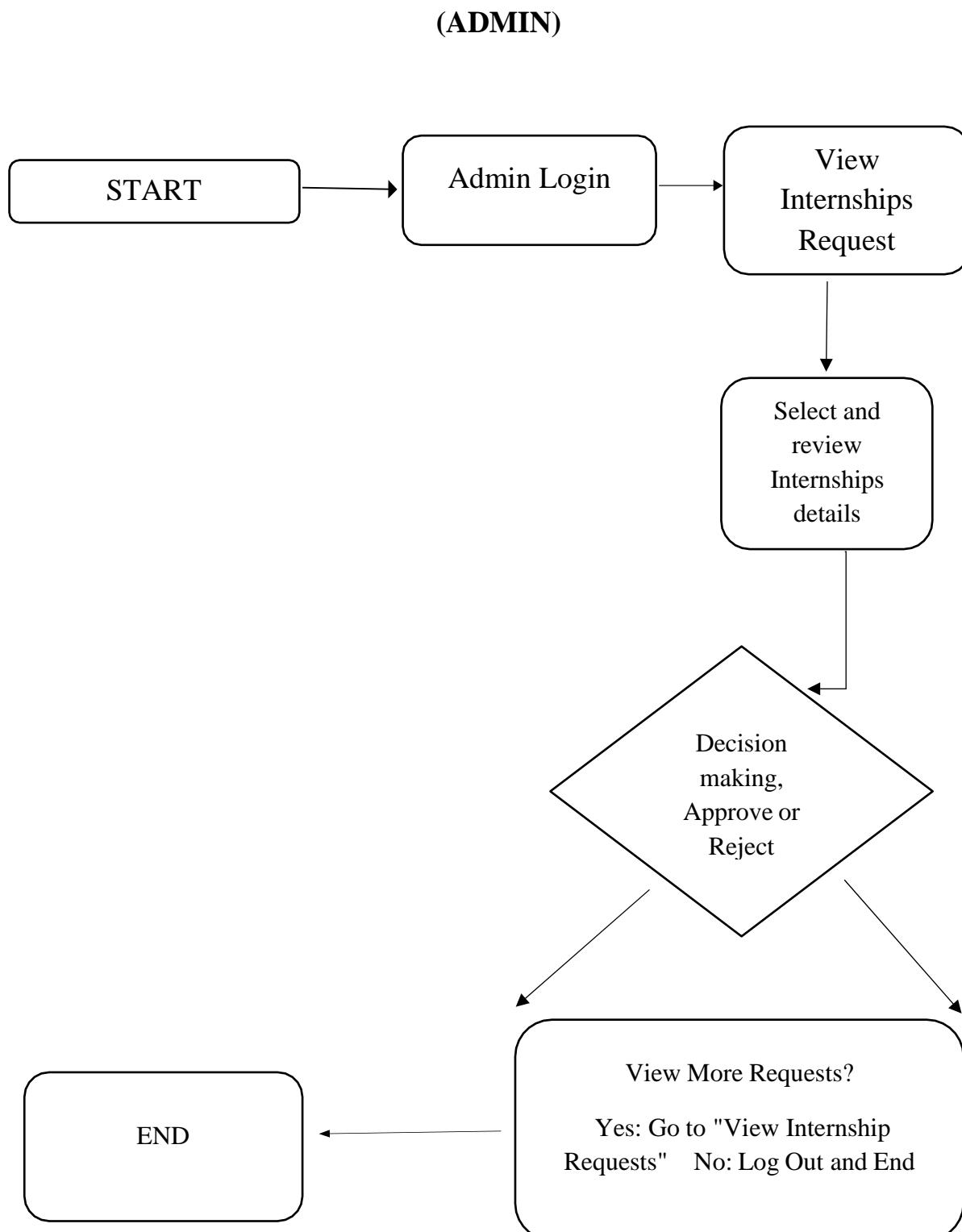


### 3.4 Activity Diagram

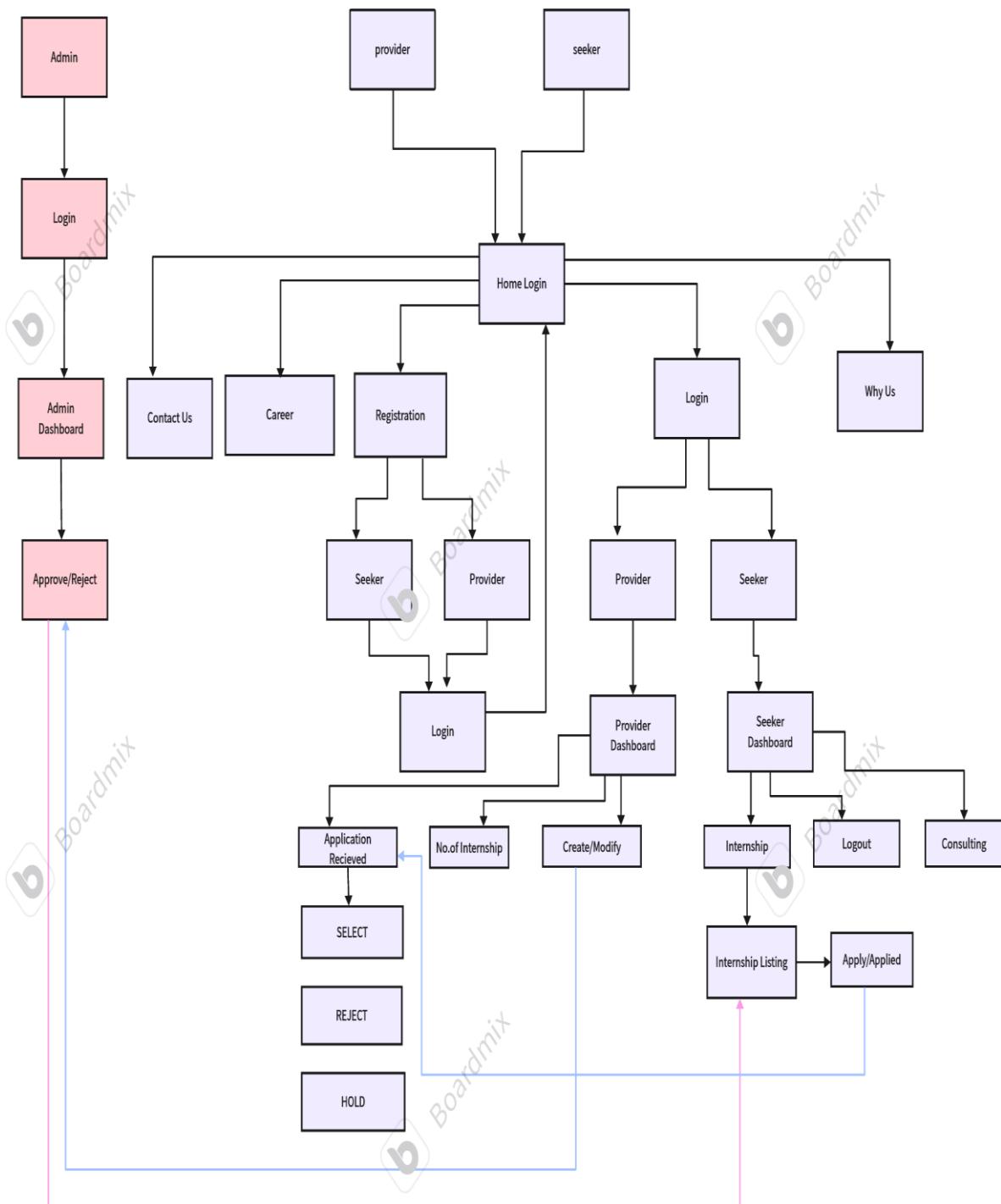


**(PROVIDER REGISTRATION)**

**(LOGIN)**



### 3.5 Flowchart diagram



## EXPLANATION OF WORKFLOW OF OUR PROJECT

In Our Project Litloop, First, we created a database named 'portal' and within it, we created ten tables:

User\_role, seeker\_registration, provider\_registration, seeker\_resume, password\_reset, post\_internship, login\_table, contact\_us, apply, and application.

After that, we assigned role IDs for the different user roles: seeker, provider, and admin. The role ID for the seeker is 1, for the provider is 2, and for the admin is 3.

Next, we made role\_id the primary key in the User\_role table and a foreign key in the seeker\_registration table. In the seeker\_registration table, seeker\_id created as a primary key with auto-increment. We then made seeker\_id a foreign key in the seeker\_resume table.

In the provider\_registration table, provider\_id set as a primary key with auto-increment, and role\_id was made a foreign key referencing the User\_role table. In the login\_table, login\_id set as a primary key with auto-increment, and login\_id is referenced as a foreign key in the seeker\_registration, seeker\_resume, provider\_registration, apply, and application tables.

Then, in the post\_internship table, we created internship\_id as a primary key with auto-increment. This internship\_id was then made a foreign key in both the apply and application tables.

First, there is a home login page with a login form and two options for registration based on user type: "Sign up as Seeker" and "Sign up as Provider."

The homepage also includes sections such as "Why Us," "About Us," and "Contact Us," where users can learn more about Lit loop, understand its features and benefits, and contact the team for any queries or support. The "Sign up as Seeker" form is a student registration form that includes all required fields, including an option to upload an image. Students can also reset the form and preview their details before submitting.

After submitting, the resume page opens where the student needs to upload their resume. Once submitted, the student will receive an email to verify their email address before logging in. After verification, the student can go to the login page, enter their email and password, select their user type, and log in. The student will enter their email and password. These credentials will first be matched with the seeker\_registration table. Once matched, the email and password will be removed from the seeker\_registration table and saved in the login\_table for subsequent logins. Future login credentials will be matched against the login\_table.

If the student tries to log in without uploading their resume, they will receive a message prompting them to submit their resume first and will be redirected to the resume page. If they attempt to log in without verifying their email, they will receive a message instructing them to verify their email before logging in.

After successfully logging in, the student will go to their dashboard. If they want to manage their profile, they can go to the profile management icon and edit any details as needed. On the dashboard, there is an internship icon where all internships posted by companies will be displayed. The student can apply for internships from there and also filter the internships based on their preferences.

In addition to the internship icon, the student dashboard also includes sections for consulting, courses, live sessions, and upcoming events. Here, students can view details about various consulting opportunities, available courses, scheduled live sessions, and upcoming events, and apply for them accordingly.

Once the student applies for an internship, the details will be sent to the respective company via email, informing them that the student has applied for their internship. On the student's dashboard, there are three connected pages: "Applied Internships," "Number of Selected," and "Number of Rejected."

All the internships the student has applied for will be displayed on the "Applied Internships" page. If the student is selected by a company, the internship will show up on the "Number of Selected" page. If the student is rejected, the rejected internships will be displayed on the "Number of Rejected" page.

For provider registration once registration form successfully submitted, the company will receive an email to verify their email address before logging in. After verification, the provider can go to the login page, the company will enter their email and password. These credentials will first be matched with the provider\_registration table. Once matched, the email and password will be removed from the provider\_registration table and saved in the login\_table for subsequent logins. Future login credentials will be matched against the login\_table.

After logging in, the company will arrive at their dashboard. They can manage and edit their profile details if they choose. The company can also post new internships from their dashboard using the create and modify options. By clicking on "Create," they can enter the details of the internship they want to post and submit it. This will create a new internship post.

If the company wants to delete or edit their internships, they can go to the "Modify" option. Here, they can edit or delete internship details. When an internship is deleted, an email will be sent to all students who applied for that internship, notifying them that it has been deleted.

The company dashboard has two linked pages: "Number of Open Internships" and "Applications Received." The "Number of Open Internships" page will show the company's active internships. The "Applications Received" page will display details of candidates who have applied for the internships, including each student's details. For each internship, there are buttons for "Select," "Reject," and "Hold."

When a company selects a student, the internship will appear on the student's "Number of Selected" page. If the company rejects a student, it will appear on the student's "Number of Rejected" page.

Next, there is an admin login page with a hard-coded admin username and password. After logging in, the admin will arrive at their dashboard. Here, the admin will see all the internships posted by various companies. Each company has its own separate page, and there is an expand

icon (+ sign) next to each internship. Clicking on this icon will show the internship details to the admin.

The admin can then either reject or approve the internships. When the admin approves an internship, it will be listed on the student dashboard for applications. If the admin rejects an internship, an email will be sent to the respective company, notifying them that their internship has been rejected and suggesting that they modify it.

## **TESTING**

### **User Interface Testing:**

Content Accuracy: Ensure all textual content is accurate, with no spelling or grammatical errors.

Error Messages: Validate that error messages are correctly spelled, grammatically correct, and relevant to the field label where the error occurred.

Layout and Design: Confirm adequate spacing between field labels, columns, rows, and error messages to enhance readability and user experience.

Button Standardization: Verify that all buttons maintain a consistent format and size throughout the application.

Date Format Consistency: Ensure that date formats align consistently across all screens and functionalities.

Responsiveness: Test the website's responsiveness across various screen sizes and devices to ensure a seamless user experience.

## **Functional Testing:**

Field Validation: Check that mandatory fields are validated, highlighting any unfilled fields upon submission.

Auto-populated Entries: Test functionalities that auto-populate fields to ensure accuracy and relevance.

Editable and Non-Editable Fields: Validate both editable and non-editable fields within the system.

Numeric Fields: Ensure numeric fields do not accept alphabetic characters and validate maximum length constraints.

Optional Fields: Confirm that error messages are not displayed for optional fields.

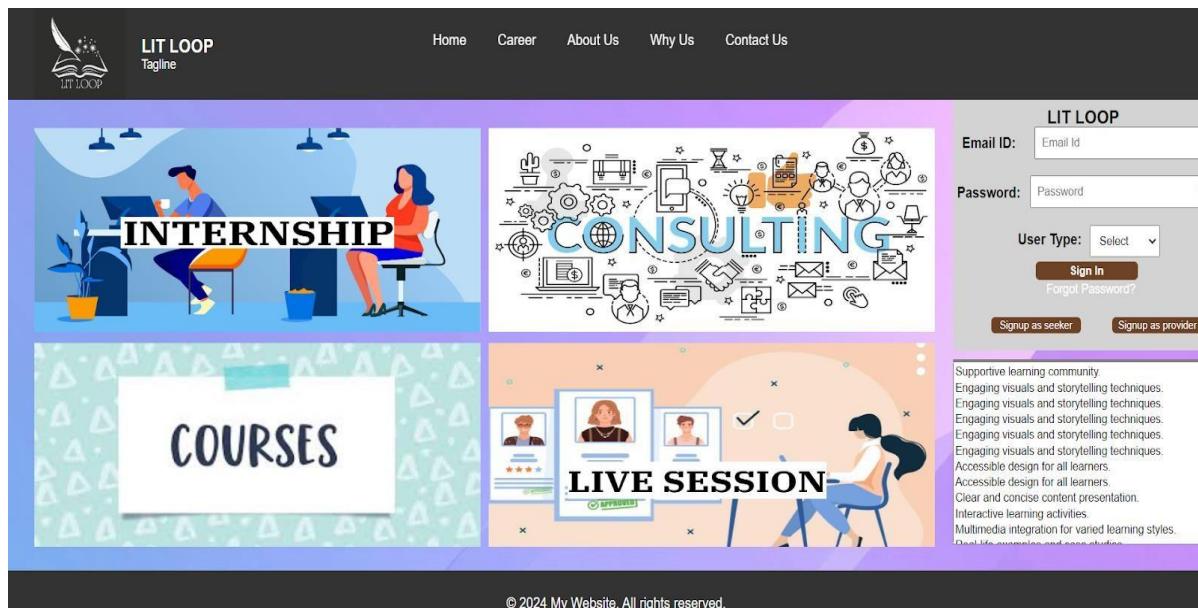
Confirmation Messages: Display appropriate confirmation messages for updates, deletes, or any significant operations.

Role-Based Access: Verify that modules and processes are correctly assigned based on user roles, with visibility restricted as per permissions.

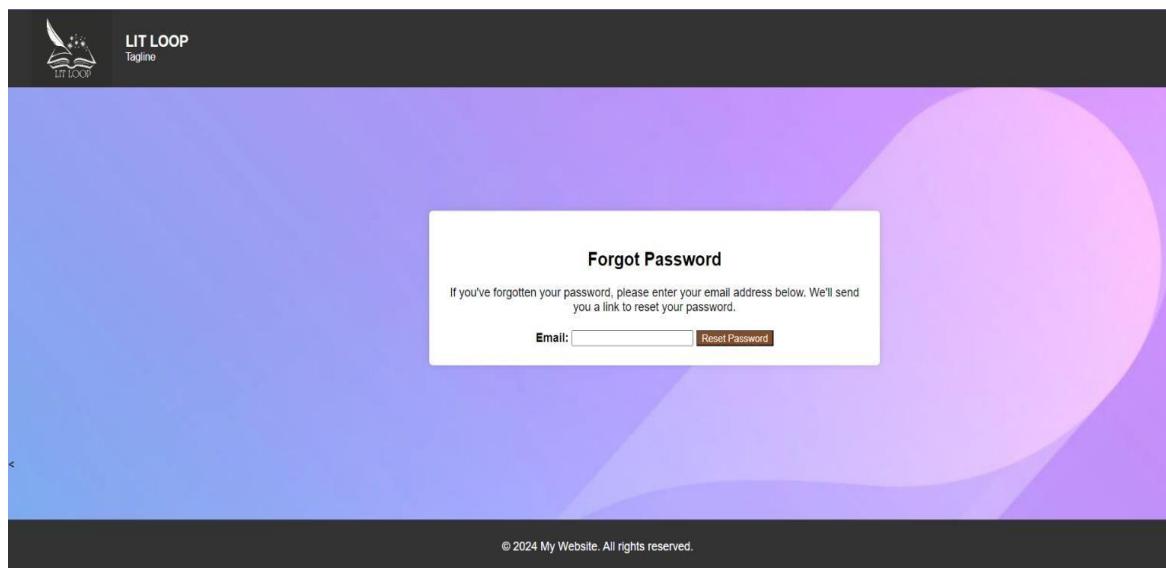
## USER INTERFACES

### HOME PAGE OF LITLOOP

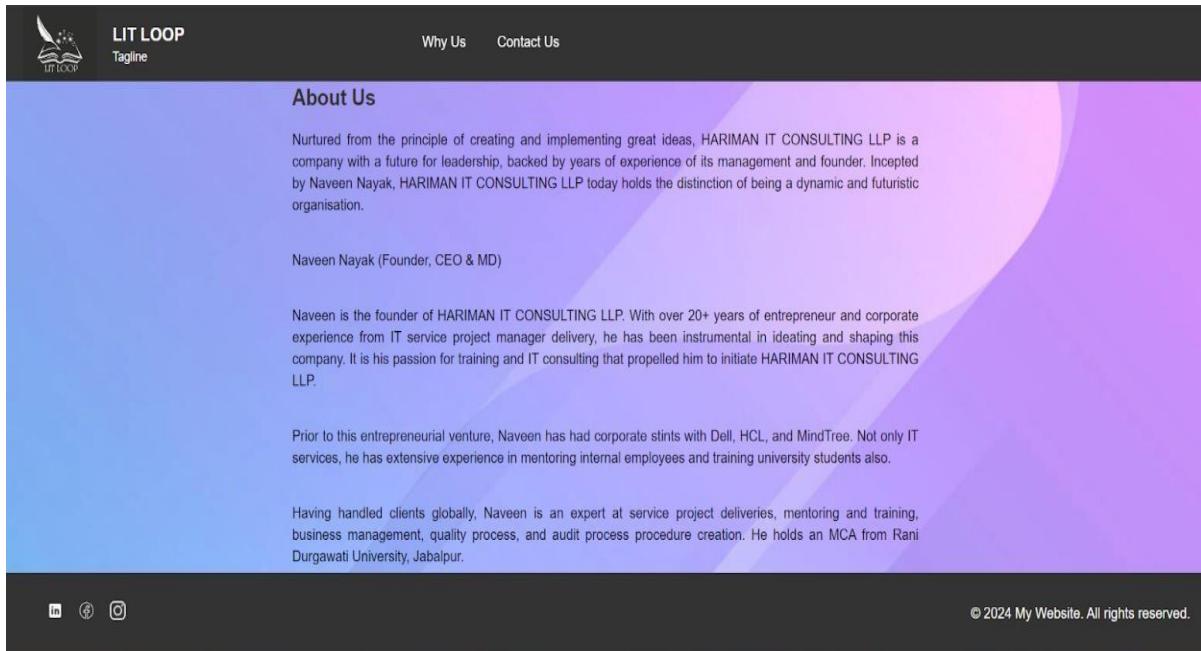
This is the home page of our website LITLOOP, where we have our login side and as well as we have registration links.



We also have a forgot password functionality. Let's see that.



## ABOUT US OF LITLOOP



**LIT LOOP**  
Tagline

[Why Us](#) [Contact Us](#)

### About Us

Nurtured from the principle of creating and implementing great ideas, HARIMAN IT CONSULTING LLP is a company with a future for leadership, backed by years of experience of its management and founder. Incepted by Naveen Nayak, HARIMAN IT CONSULTING LLP today holds the distinction of being a dynamic and futuristic organisation.

Naveen Nayak (Founder, CEO & MD)

Naveen is the founder of HARIMAN IT CONSULTING LLP. With over 20+ years of entrepreneur and corporate experience from IT service project manager delivery, he has been instrumental in ideating and shaping this company. It is his passion for training and IT consulting that propelled him to initiate HARIMAN IT CONSULTING LLP.

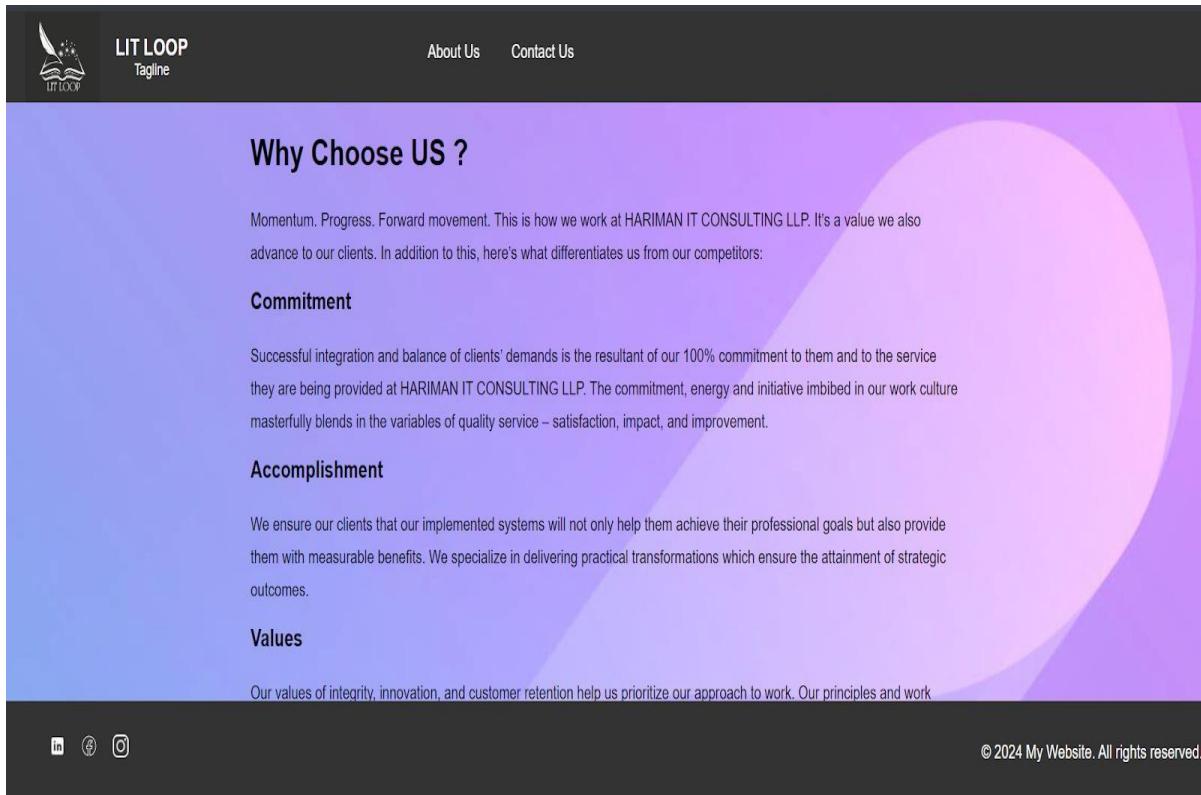
Prior to this entrepreneurial venture, Naveen has had corporate stints with Dell, HCL, and MindTree. Not only IT services, he has extensive experience in mentoring internal employees and training university students also.

Having handled clients globally, Naveen is an expert at service project deliveries, mentoring and training, business management, quality process, and audit process procedure creation. He holds an MCA from Rani Durgawati University, Jabalpur.

[In](#) [@](#) [O](#)

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## WHY US of LITLOOP



**LIT LOOP**  
Tagline

[About Us](#) [Contact Us](#)

### Why Choose US ?

Momentum. Progress. Forward movement. This is how we work at HARIMAN IT CONSULTING LLP. It's a value we also advance to our clients. In addition to this, here's what differentiates us from our competitors:

#### Commitment

Successful integration and balance of clients' demands is the resultant of our 100% commitment to them and to the service they are being provided at HARIMAN IT CONSULTING LLP. The commitment, energy and initiative imbibed in our work culture masterfully blends in the variables of quality service – satisfaction, impact, and improvement.

#### Accomplishment

We ensure our clients that our implemented systems will not only help them achieve their professional goals but also provide them with measurable benefits. We specialize in delivering practical transformations which ensure the attainment of strategic outcomes.

#### Values

Our values of integrity, innovation, and customer retention help us prioritize our approach to work. Our principles and work

[In](#) [@](#) [O](#)

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## CONTACT US OF LITLOOP

The contact us page features a dark header with the LitLoop logo and tagline "Tagline". Below the header, there's a sidebar with sections for "Corporate Office" and "Registered Corporate Office", each containing address and email information. The main area is titled "Contact Us" and contains fields for Name, Email, and Message, with a "Submit" button at the bottom. A map showing the location of Hariman IT Consulting LLP is also present.

## Registrations Page of Seeker

This is the page where user can register themselves in our website.

The registration form page has a dark header with the LitLoop logo and navigation links for Home, Career, About Us, Why Us, and Contact Us. The main form is titled "Student Registration Form" and includes fields for First Name, Last Name, Date of Birth, Email, Password, Confirm Password, Mobile, Gender, Address, and City. It also includes a "Pin Code" field and a "Verify Email" section. A copyright notice at the bottom reads "© 2024 My Website. All rights reserved."

Jaipur, Rajasthan 302029

**State:** \* Rajasthan **Country:** \* India

**Upload Image:** \* Resume img.png

**Qualification:**

	Board	Percentage	Year of Passing
Secondary: *	SEBA	86	2018
Sr. Secondary	Banasthali Vidyapith	86	2020
Graduation	Banasthali Vidyapith	8.34	2024

Please Preview Before Submit Your Form.

**Preview** **Reset** **Submit**

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You can also preview all the details before submitting the form

**Personal Information**

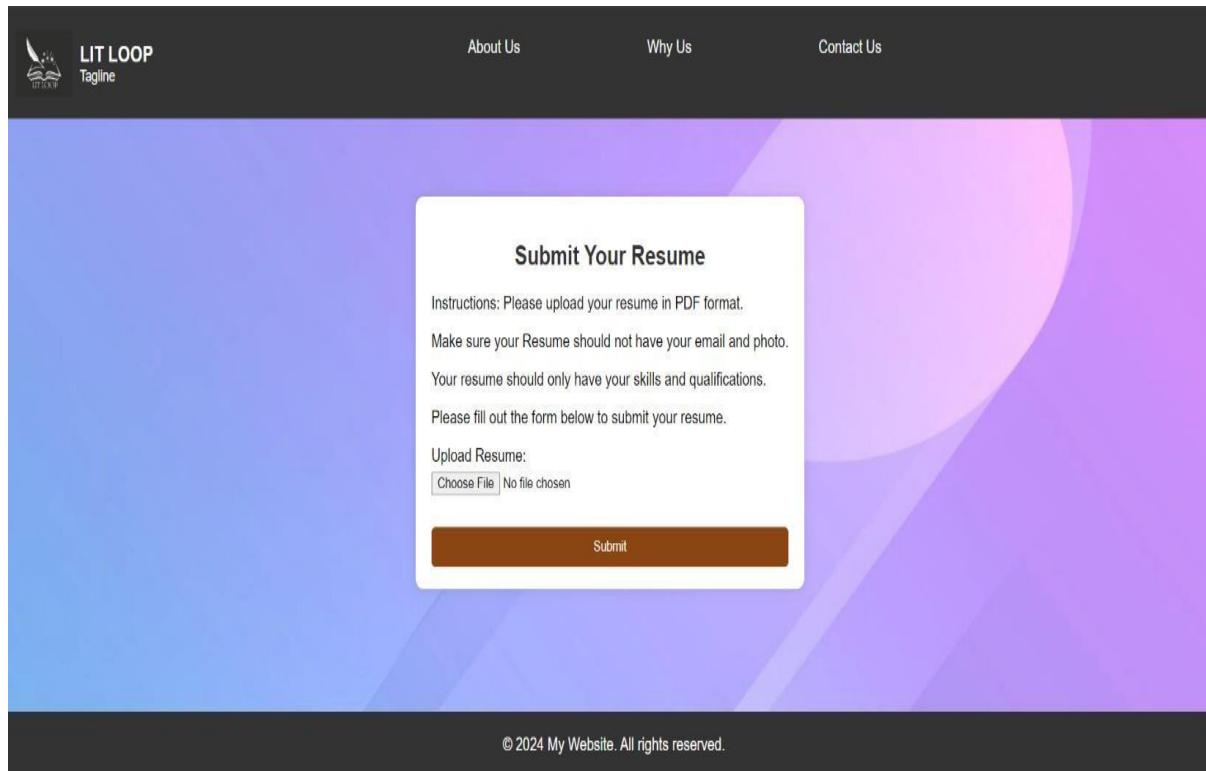
First Name: Chetna  
Last Name: Mohata  
Date of Birth: 2002-07-04  
Email: chetnamohata863@gmail.com  
Mobile: 8638935898  
Gender: female  
Address: Topaz A 914, Urbana Jewels society, muhana road, Sanganeer  
City: Jaipur  
Pin Code: 302029  
State: Rajasthan  
Country: IN

**Qualification Information**

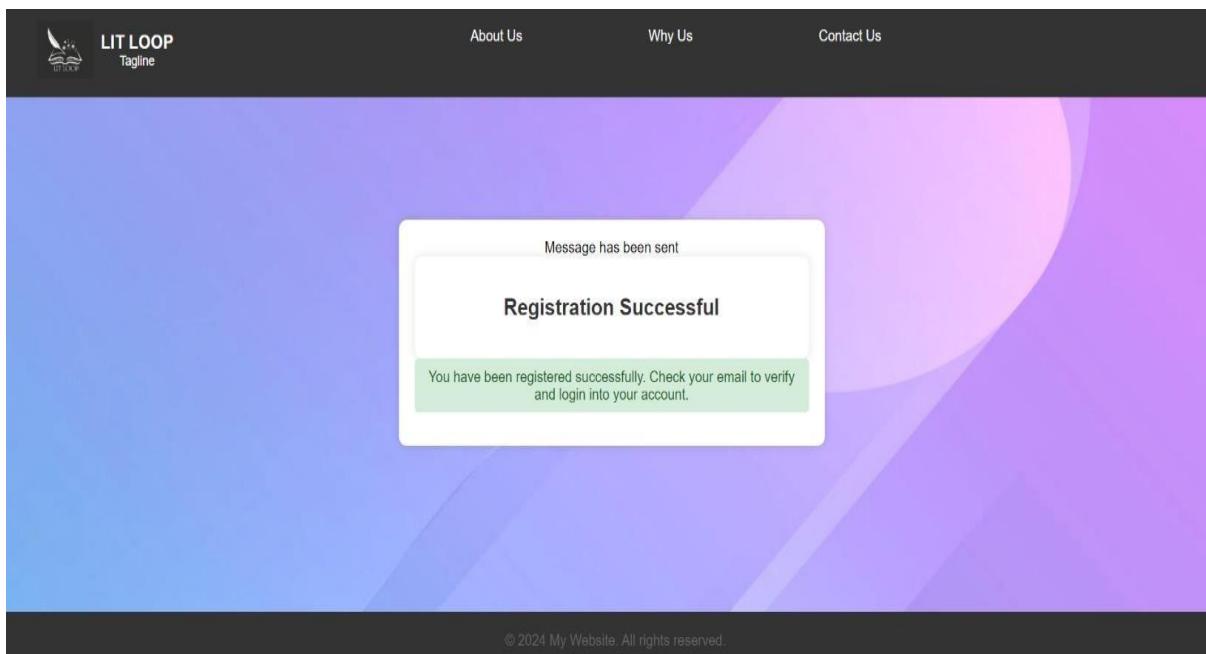
Secondary:

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**After submitting the details, then they will go to next step i.e. Submit your Resume.**



**After resume submission, user will get a verification, through email.**



**This is the email and then you have to verify it and then you can login into your account.**

Registration Successful Inbox x

 Chetna <sharmaswaranshi@gmail.com>  
to me ▾

2:52PM (0 minutes ago) Star Reply Forward Print More

Dear Chetna,  
Your registration was successful. Please verify your email address to activate your account.  
[Click here to verify.](#)

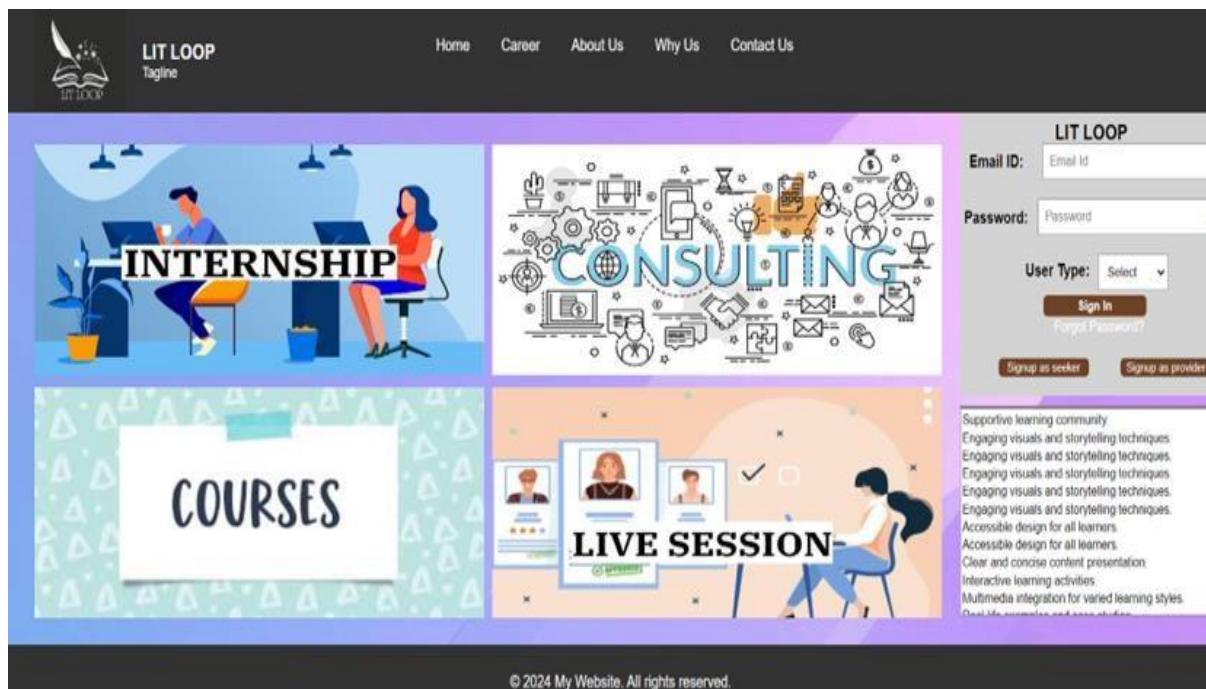
After successful verification, you can login.

↳ Reply ↗ Forward 😊

---

**Email Verification**

Your email has been successfully verified. You can now [login here](#).



After completing the verification, we have to login.

This is what the **Student Dashboard** will look like. An additional feature that we have is that student can look into the links of selected, rejected and number of internships applied.

The screenshot shows the Student Dashboard. At the top, there is a header with the user's welcome message 'Welcome chetnamohata863@gmail.com', the LIT LOOP logo, and a navigation menu with links to Internships, Consulting, Courses, Live Sessions, and Upcoming Events. There is also a user profile icon. The main content area is titled 'STUDENT DASHBOARD'. On the left, there is a profile picture of a woman and her name 'Chetna Mohata'. To the right, there is a section titled 'Internship' with three data points: 'No. of Internships Applied' (0), 'No. of Selected Internships' (0), and 'No. of Rejected Internships' (0). The dashboard is divided into four quadrants: Box1 (top-right), Box2 (bottom-left), and Box3 (bottom-right). At the bottom, there is a footer with the copyright notice '© 2024 My Website. All rights reserved.'

The screenshot shows a web application interface for managing internships. At the top, there is a dark header bar with the LIT LOOP logo on the left, and 'Home' and 'Logout' links on the right. Below the header is a purple banner with the text 'List of your REJECTED Internships'. A table follows, displaying two rows of rejected internship data:

Internship Title	Company	Description	Profile	Skills Required
fall internship	NIKE	ererrg	Tech	tetete
fall internship	NIKE	heyyy	Human Resources	heyy

At the bottom of the page is a dark footer bar with the copyright notice '© 2024 My Website. All rights reserved.'

**These are the pages that will open once we click on those links.**

The screenshot shows a web application interface for managing internships. At the top, there is a dark header bar with the LIT LOOP logo on the left, and 'Home' and 'Logout' links on the right. Below the header is a purple banner with the text 'List of your APPLIED Internships'. A table follows, displaying three rows of applied internship data:

Internship Title	Internship Profile	Description	Skills Required	Company Name
fall internship	Finance	aaa	eee	NIKE
fall internship	Tech	ererrg	tetete	NIKE
fall internship	Human Resources	heyyy	heyy	NIKE

At the bottom of the page is a dark footer bar with the copyright notice '© 2024 My Website. All rights reserved.'

The screenshot shows a dark-themed web application interface. At the top, there is a header bar with the LIT LOOP logo on the left, a "Home" link in the center, and a "Logout" link on the right. Below the header, a purple banner displays the text "List of your SELECTED Internships". A table follows, with columns labeled "Internship Title", "Internship Profile", "Description", "Skills Required", and "Company Name". There is one row of data: "fall internship" under "Internship Title", "Finance" under "Internship Profile", "aaa" under "Description", "eee" under "Skills Required", and "NIKE" under "Company Name". At the bottom of the page, a dark footer bar contains the copyright notice "© 2024 My Website. All rights reserved.".

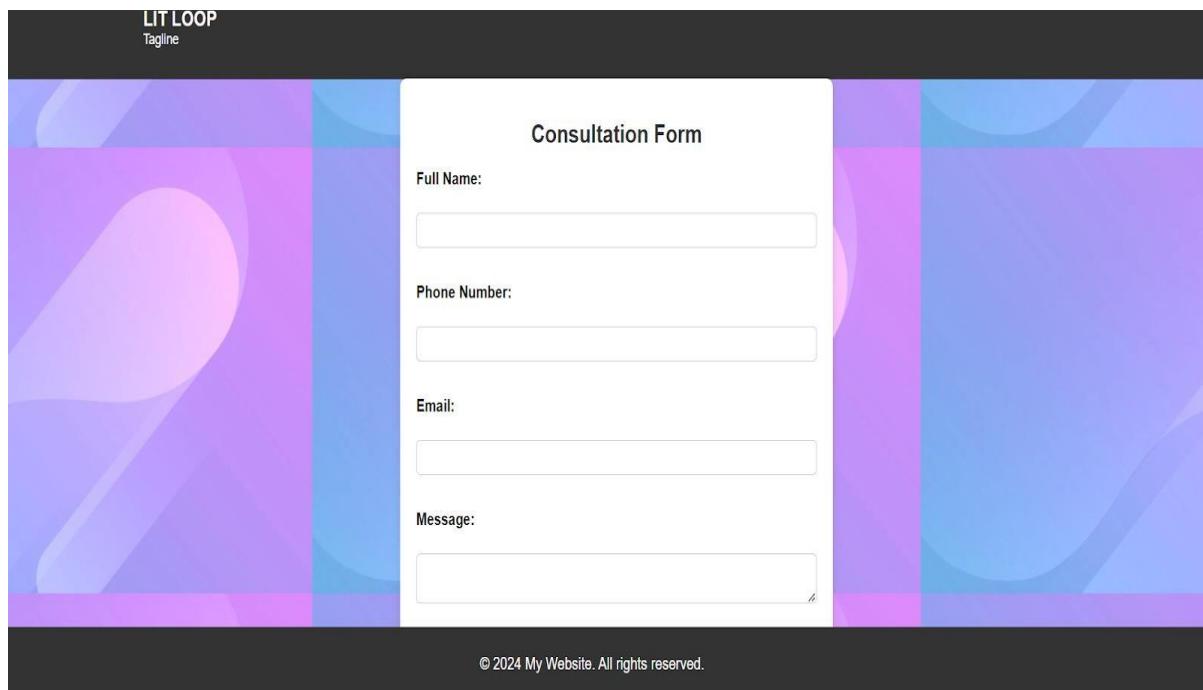
**Manage profile:** Student can manage their profile as well.

The screenshot shows a dark-themed web application interface. At the top, there is a header bar with the LIT LOOP logo on the left, a "Tagline" link below it, and navigation links for "Home", "Internships", "Consulting", "Courses", "Live Sessions", "Upcoming Events", and "Logout" on the right. Below the header, a purple banner displays the text "Manage Profile". A form follows, containing fields for "First Name" (Chetna), "Last Name" (Mohata), "Date of Birth" (04-07-2002), "Email" (chetnamohata863@gmail.com), "Password" (\*\*\*\*\*), "Confirm Password" (\*\*\*\*\*), "Mobile" (8638935898), "Gender" (Select Gender dropdown), "Address" (TA-914, Urbana Jewels, Muhana Road, Sanganer, Jaipur, Rajasthan), and an "Upload Image" field with a "Choose File" button and a note "No file chosen". At the bottom of the page, a dark footer bar contains the copyright notice "© 2024 My Website. All rights reserved.".

**INTERNSHIP LISTING OF LITLOOP.** We also have filter so that one can smoothly search for internships.

## CONSULTING PAGE

## CONSULTATION FORM



LIT LOOP  
Tagline

### Consultation Form

Full Name:

Phone Number:

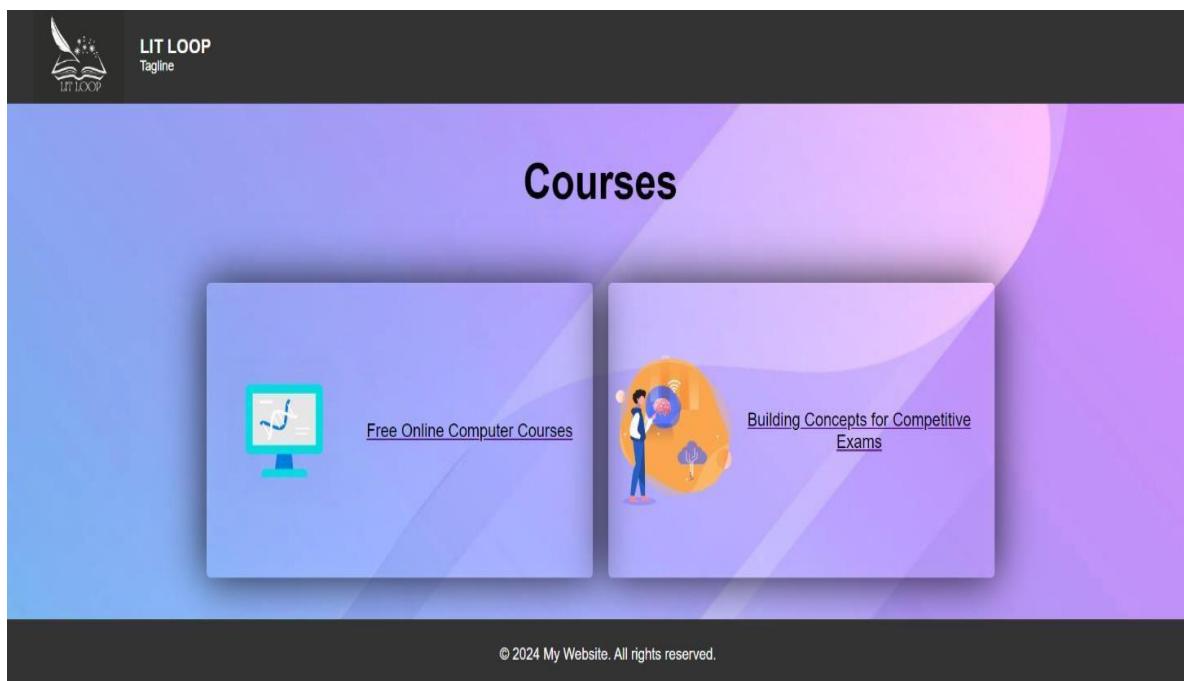
Email:

Message:

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This page features a white central form area with four input fields for name, phone number, email, and message. The background is a vibrant purple and blue abstract design. The header includes the 'LIT LOOP' logo and tagline. A copyright notice is at the bottom.

## COURSES



LIT LOOP  
Tagline

# Courses



[Free Online Computer Courses](#)



[Building Concepts for Competitive Exams](#)

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This page displays two course offerings. The left section shows a computer monitor icon with a link to free online computer courses. The right section shows a person interacting with a globe icon with a link to building concepts for competitive exams. The background has a purple-to-blue gradient with abstract shapes. The header includes the 'LIT LOOP' logo and tagline. A copyright notice is at the bottom.

We have various courses.

LIT LOOP  
Tagline

# Computer Science Courses on LitLoop

Learn programming languages and concepts to prepare for a career in hardware or software development

Java, Android Development, FXML, C++, Compiler Designing, Game Development, Algorithm, Python, Machine Learning, Artificial Intelligence, Networking, Cyber Security, Ethical Hacking, Data Structures, HTML and CSS, Full Stack Web Development, UI Designing, Adobe XD, Hardware Designing, JavaScript, Bootstrap

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LIT LOOP  
Tagline

# Prepare for JEE Mains & Advanced on LitLoop

Learn your basic concepts to prepare for a career in Engineering and Medical fields

Projectile, Snell's Law, Light, Maxwell Equations, LASER, Gravitation, Inertia, Current, Organic Chemistry, Thermodynamics, Chemical Process, Physical Chemistry, Inorganic Chemistry, Periodic Table, Equilibrium, Differential, Calculus, Algebra, Trigonometry, Integration, Matrices, Determinants, Differentiation

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## LIVE COURSES

**LIT LOOP**  
Tagline

LIVE CLASSES OF THESE COURSES

**PHYSICAL CHEMISTRY**  
BY LIT LOOP

**INORGANIC CHEMISTRY**  
BY LIT LOOP

**Organic Chemistry**  
BY LIT LOOP

**MATH**  
BY LIT LOOP

**Physics**  
BY LIT LOOP

**LEARN DATA STRUCTURES AND ALGORITHMS**  
BY UDEMY

**CORE JAVA**  
BY LIT LOOP

**PYTHON Courses**  
BY LIT LOOP

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Then we have a section specifically for upcoming events

**LIT LOOP**  
Tagline

- UPCOMING EVENTS YOU MIGHT BE INTERESTED IN -

March 29, 2024      6:00 PM

**Become Job Ready For Top Tech Companies**

By AMAN DHATTARWAL

₹0      [View Details](#)

April 8, 2024      2:00 PM

**Banasthali University X  
LitLoop - DSA**

By ARSH GOYAL

₹0      [View Details](#)

April 2, 2024      4:30 PM

**Dive into Introduction of DevOps**

By SHRADDHA KHPRA

₹0      [View Details](#)

April 21, 2024      12:00 PM

**Your Roadmap to Crack Software Interviews**

By LOVE BABBAR

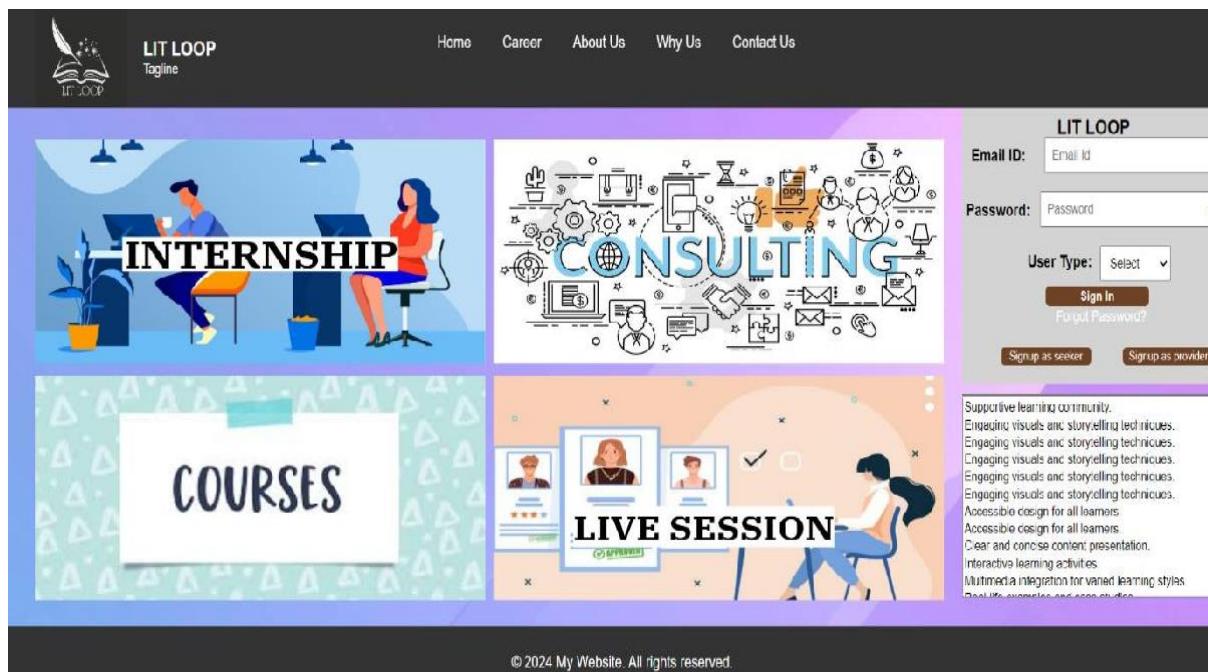
₹0      [View Details](#)

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A student can also logout and it will redirect them to homepage.Till now we were seeing all the functionality of student.

Now we will have look for **Provider** that is for company side.

### Registration Page for provider



This is the page where company can register themselves – sign up as provider

LIT LOOP  
Tagline

Home      Career      About Us      Why Us      Contact Us

Company Registration Form

Email: \* chetnamohata18@gmail.com      Verify Email: \* chetnamohata18@gmail.com

Password: \*      Confirm Password: \*

Company Name: \* IBM      Company Domain Mail ID: \* ibm@gmail.com

Address: \* IBM, No.12, Subramanya Arcade, Bannerghatta Road, Bengaluru - Karnataka 560029

Upload Image: \* download.jpg

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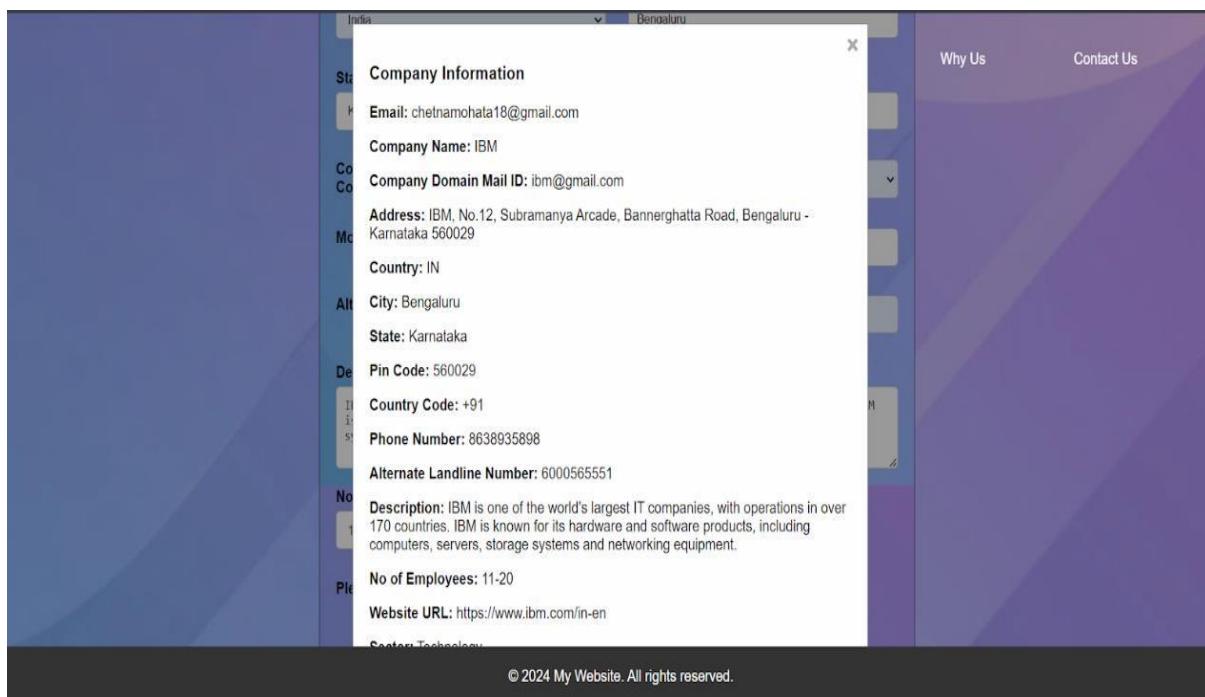
This screenshot shows a company information form on a website. The form fields include:

- State:** Karnataka
- Pin Code:** 560029
- Country Code:** India (+91)
- Mobile:** 8638935898
- Alternate Landline Number:** 6000565551
- Description:** IBM is one of the world's largest IT companies, with operations in over 170 countries. IBM is known for its hardware and software products, including computers, servers, storage systems and networking equipment.
- No of Employees:** 11-20
- Website URL:** <https://www.ibm.com/in-en>
- Sector:** Technology

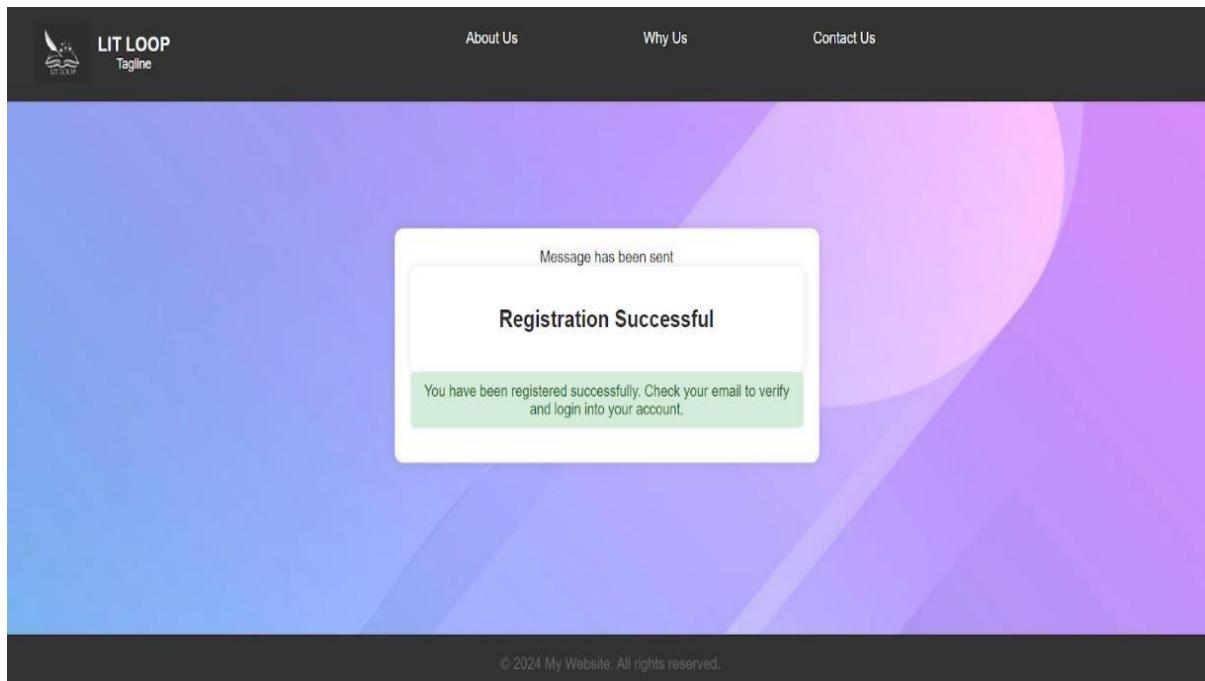
Below the form, there is a message: "Please Preview Before Submit Your Form." and three buttons: "Preview", "Reset", and "Submit".

At the bottom, a copyright notice reads: "© 2024 My Website. All rights reserved."

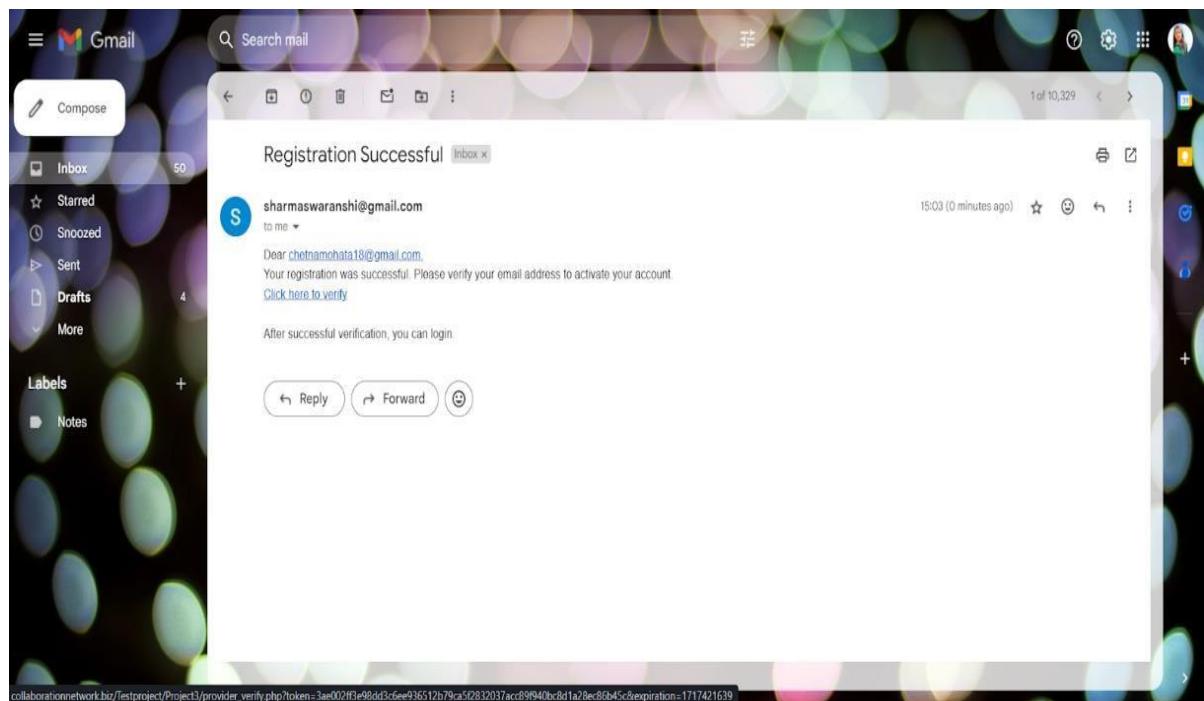
**Company can also preview all the details before submitting the forms.**



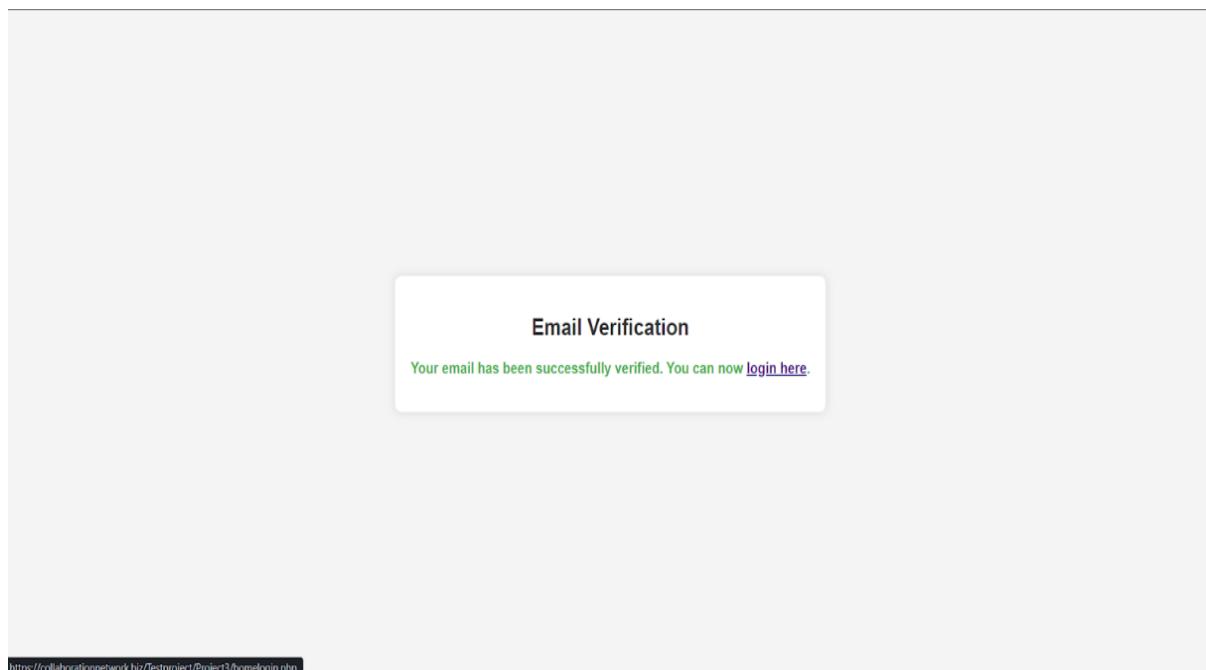
After this They will receive email stating to verify their account.



This is the email and then you have to verify it and then you can login into your account.



They can login now as provider.



The screenshot shows the homepage of the LIT LOOP website. The header features the LIT LOOP logo and the word "Tagline". The navigation menu includes links for Home, Career, About Us, Why Us, and Contact Us. The main content area is divided into several sections: "INTERNSHIP" (illustrated with two people working), "CONSULTING" (illustrated with various business icons like gears, charts, and a globe), "COURSES" (illustrated with a person in a classroom), and "LIVE SESSION" (illustrated with a person in front of a screen displaying user profiles). On the right side, there is a sign-in form for "LIT LOOP" with fields for Email ID, Password, User Type (set to "Provider"), and buttons for "Sign In", "Forgot Password?", "Signup as seeker", and "Signup as provider". A sidebar on the right lists various features and benefits of the platform.

**LIT LOOP**

Email ID: chetnamohata12@gmail.com

Password: .....

User Type: Provider

Sign In      Forgot Password?

Signup as seeker      Signup as provider

Real-life examples and case studies.  
Personalized learning paths.  
Regular assessments and feedback.  
Hands-on activities and experiments.  
Collaboration opportunities.  
Accessible design for all learners.  
Updated content reflecting current knowledge.  
Supportive learning community.  
Engaging visuals and storytelling techniques.  
Engaging visuals and storytelling techniques.  
Engaging visuals and storytelling techniques.

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This is what Company Dashboard looks like.

Welcome chetnamohata18@gmail.com

LIT LOOP

## COMPANY DASHBOARD



**Internship**

Details about Posted Internships.

- Open Internship Number :
- Applications Received :

**CREATE**

**MODIFY**

IBM  
Address: Embassy Manyata Business Park  
Contact: 8638935898

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Company can create an internship as they like.

LIT LOOP  
Tagline

### Internship Posting Form

Internship Title:	Internship Profile:
<input type="text"/>	<input type="button" value="Choose Internship Profile"/>
Internship Description:	
<input type="text"/>	
Skills Required:	
<input type="text"/>	
Stipend:	Internship Type:
<input type="text"/>	<input type="button" value="Choose Type"/>

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Stipend: 0 Internship Type: Unpaid

Part-time/Full-time: Full-time Number of Openings: 20

Internship Start Date: 01-06-2024 Internship Duration: 6

**Intern's Responsibilities:**

- Integrate data from various back-end services and databases
- Create and maintain documentation of system requirements based on technical needs
- Create and maintain software documentation
- Be responsible for maintaining, expanding, and scaling our site
- Stay plugged into emerging technologies/industry trends and apply them into operations and activities

Pre-placement Offer (PPO) (Optional): No

**Reset** **Submit**

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**In this page company can select, reject and hold any internship application.**

LIT LOOP Tagline

## Internship Listings

Mode: Select Mode Stipend: Select Stipend

Apply Filters

1

**fall internship**

**Profile:** Tech      **Stipend:** 0  
**Description:** energ      **Type:** Unpaid  
**Part-time/Full-time:** Part-time      **Openings:** 3  
**Start Date:** 2024-06-07      **Duration:** 3 months  
**PPO:** No      **Responsibilities:** tette  
**Email:** priyanganabhatnagar275@gmail.com

**Modify** **Delete**

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## Modify page

LIT LOOP  
Tagline

Edit Internship

Tech
aaa
0
Unpaid
Part-time
2
2024-06-07
3 months
rereehcbdscb
No
priyanganabhatnagar275@gmail.com

Save Cancel

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The company can see their posted internships. They can make alteration in the application. There is filter also.

Then new record will be created.

LIT LOOP  
Tagline

Internship Listings

1

fall internship

Profile: Finance	Stipend: 0
Description: aaa	Type: Unpaid
Part-time/Full-time: Part-time	Openings: 2
Start Date: 2024-06-06	Duration: 3 months
PPQ: No	Responsibilities: rereehcbdscb
Email: priyanganabhatnagar275@gmail.com	

Modify Delete

**LIT LOOP**  
Tagline

## Internship Listings

Mode: -- Select Mode -- | Stipend: -- Select Stipend --

Apply Filters

1 2

**GET**

<b>Profile:</b> Tech	<b>Stipend:</b> 0
<b>Description:</b> We are looking for an outstanding Web Developer to be responsible for the coding, innovative design and layout of our website.	<b>Type:</b> Unpaid
<b>Part-time/Full-time:</b> Full-time	<b>Openings:</b> 20
<b>Start Date:</b> 2024-06-01	<b>Duration:</b> 6
<b>PPO:</b> No	<b>Responsibilities:</b> Write well designed, testable, efficient code by using best software development practices Create a website layout/user interface by using standard HTML/CSS practices Integrate data from various back-end services and databases Gather and refine specifications and

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**After this now the work of admin arises. As every posted internship will have to be approved or rejected by admin itself.**

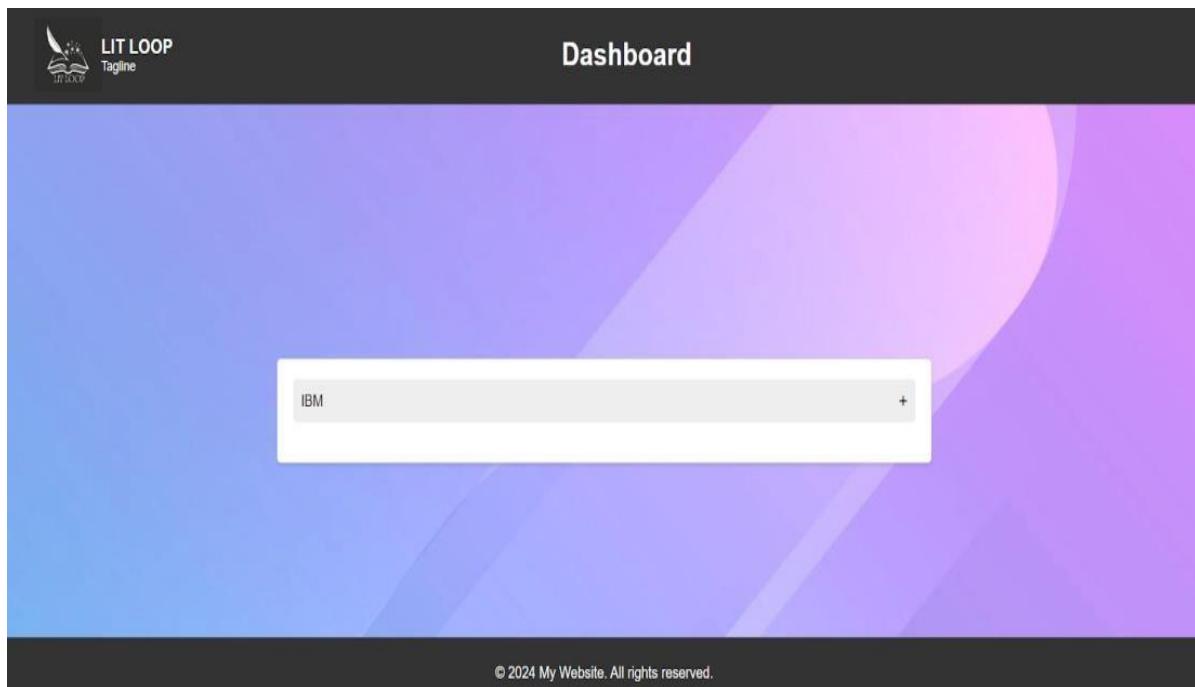
**Admin Login**

Username:

Password:

**Login**

This is the dashboard of admin.



Admin will login and approve the internships.

 A screenshot of the same web-based dashboard as the previous image. The "Dashboard" title and LIT LOOP logo are visible at the top. The main content area now displays detailed information for an internship listing. The listing is for "IBM" and includes the following details:
 

- GET**
- Profile:** Tech
- Description:** Strong programming skills in languages such as Java, Python, C++, or JavaScript. Basic understanding of software development principles and practices. Eagerness to learn new technologies and frameworks. Ability to work independently and collaboratively in a team. Strong problem-solving and analytical skills. Excellent communication and interpersonal skills.
- Skills Required:** JavaScript · Computer Engineering · Programming · Communication · Problem Solving · Cascading Style Sheets (CSS) · Software Development · Analytical Skills ·
- Stipend:** 5000
- Internship Type:** Paid
- Part-time/Full-time:** Part-time
- Openings:** 5
- Start Date:** 2024-06-01
- Internship Duration:** 3
- Intern Responsibilities:** Collaborate with the development team to design, develop, test, and debug software solutions. Assist in the implementation of new features and enhancements. Participate in code reviews and provide constructive feedback. Work closely with senior developers to understand project requirements and specifications. Contribute to the documentation of software components and processes. Support the maintenance and troubleshooting of existing software applications.

 The footer of the page contains the copyright notice "© 2024 My Website. All rights reserved.".

This is where all the internships will show in order to approve or reject.

The screenshot shows a dashboard interface for managing internships. At the top left is the LIT LOOP logo with the tagline "Tagline". The top center features the word "Dashboard". Below this, there's a detailed card for an internship application:

- Internship Type:** Paid
- Part-time/Full-time:** Part-time
- Openings:** 5
- Start Date:** 2024-06-01
- Internship Duration:** 3
- Intern Responsibilities:** Collaborate with the development team to design, develop, test, and debug software solutions. Assist in the implementation of new features and enhancements. Participate in code reviews and provide constructive feedback. Work closely with senior developers to understand project requirements and specifications. Contribute to the documentation of software components and processes. Support the maintenance and troubleshooting of existing software applications.
- PPO:** Yes
- Email:** chetnamohala18@gmail.com

At the bottom right of the card are two buttons: "Approve" (green) and "Reject" (red).

Below the card, under the heading "Full Stack Intern", it says "Profile: Finance". The "Description" section states: "This role offers a unique opportunity as an independent position reporting directly to the Founder. As a Frontend Developer Intern, you will be instrumental in building the user interface from scratch based on Figma designs, ensuring a high-quality, seamless user experience." The "Skills Required" section notes: "Responsibilities are not limited to the above; flexibility and willingness to take on new challenges as they arise is essential." It also mentions a "Stipend: 5000".

At the very bottom of the dashboard, a footer bar contains the text "© 2024 My Website. All rights reserved."

**It is totally up to admin to reject the internships if they find some error in their applications. If admin rejects an internship, they will get a mail stating that, their application is rejected.**

Let's have a look into it.

Suppose Admin rejected the application.

The screenshot shows an email inbox with one message titled "Internship Rejection notification". The message is from "IBM" and is addressed "to me". The timestamp is "16:09 (0 minutes ago)". The message content is as follows:

Dear IBM,

We regret to inform you that your internship submission has been rejected by the admin.

Please feel free to contact us for further information.

Best regards,

The Admin

**After rejection, this internship profile will no longer be available to students.**

**Once the admin approves the internship then the same internship will appear on student internship links. Let's look into it**

**These are all the internships posted by different companies.**

The screenshot shows the LIT LOOP website's internship listings page. On the left, there is a sidebar titled "Filter Internships" with dropdown menus for "Internship Type" and "Part-time/Full-time", and a "Apply Filter" button. The main content area is titled "Internship Listings" and displays "200+ Internships Available". Two internship profiles for Nike are listed:

- NIKE**
  - Title:** fall internship
  - Profile:** Finance
  - Description:** aaa
  - Skills Required:** eee
  - Stipend:** 0
  - Internship Type:** Unpaid
  - Part Time/Full Time:** Part-time
  - Internship Start Date:** 2024-06-06
  - Intern Duration:** 3 months
  - Intern's Responsibilities:** rerehbdsbc
  - Pre-placement Offer (PPO):** No
- NIKE**
  - Title:** fall internship
  - Profile:** Tech
  - Description:** ererrg
  - Skills Required:** tetete

At the bottom of the page, there is a copyright notice: "© 2024 My Website. All rights reserved."

**Once a student clicks on the apply button then, the company will receive mail regarding all the details of the applied student. The next image shows a success message which states that the email with all the details has been sent to company.**

The screenshot shows the LIT LOOP website's internship listings page, similar to the previous one. The sidebar and the first Nike internship profile are identical. A success message is displayed over the second Nike internship profile:

**Success!** Your application has been submitted successfully. An email with all the details has been sent to the company.

Below this message, the second Nike internship profile is visible, showing the same details as the first one. At the bottom of the page, there is a copyright notice: "© 2024 My Website. All rights reserved."

**Success!**

Notification email has been sent to the company.

**In this mail company will also get an attached resume.**

Search mail

New Internship Application [Inbox x]

Your Name  
to me ▾  
Dear Company,

A new internship application has been submitted. Here are the details:

**Applicant Details:**  
 Name: Priyangantha Bhatnagar  
 Mobile: 9927083010  
 Address: 503, rajdeep apartment Agra 282005  
 10th: cbse 90 2018  
 12th: cbse 90 2020  
 Graduation: bansthal 80 2024  
 Internship\_title: fall internship  
 Internship\_profile: Finance  
 Internship\_description: aaa  
 Skills: eee

One attachment • Scanned by Gmail

PRITYANGANA BHATNAGAR

**Suppose company deletes its internship by any reason than those respective students will get an email from our admin stating that the internship is not available. Let's see that functionality.**

**The company is going to delete this specific internship. It will get an alert message asking for confirmation and then it will delete that internship.**

Gmail

Compose

Inbox 351

Primary Promotions Social

New Internship Application - Dear Company, A new internship application has been s... 16:01

Resume.pdf

In the addition companies can look into no of internships received and as well as they can select, reject or hold any application of student.

**Applications**

**Priyangana Bhatnagar**

Email: priyanganabhatnagar24@gmail.com  
Mobile: 9927083010  
Address: 503, rajdeep apartment, Agra - 282005  
10th Board: cbse  
10th Percentage: 90%  
10th Passing Year: 2018  
12th Board: cbse  
12th Percentage: 90%  
12th Passing Year: 2020  
Graduation Board: bansthal  
Graduation Percentage: 80%  
Graduation Passing Year: 2024  
Resume: [View Resume](#)  
Internship Title: fall internship  
Internship Profile: Finance  
Internship Description: aaa  
Skills Required: eee

Select Reject Hold

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Gmail Search mail

Compose

Inbox 4,801 Primary Promotions Social

Priyangana 2 New Internship Application Update - Dear Priyangana, Thank you for your recent applicati...

16:17

Internship Application Update

Priyangana <sharmaswaranshi@gmail.com> to me 16:17 (0 minutes ago)

Dear Priyangana,

Thank you for your recent application for the consultant internship position. We appreciate your interest in joining our team and the effort you put into your application. Unfortunately, we regret to inform you that the consultant internship position you applied for is no longer available, as it has been removed by the company. We apologize for any inconvenience this may have caused. We encourage you to explore other internship opportunities within our organization and remain on the lookout for future openings. Please feel free to reach out if you have any questions or need further assistance. Thank you again for your interest, and we wish you the best in your future endeavors.

## APPENDICES

**HTML:** HTML (Hyper Text Markup Language) is the code that is used to structure a web page and its content.

**CSS:** Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML or XML (including XML dialects such as SVG, MathML, or XHTML). CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

**PHP:** Hypertext Preprocessor, or PHP for short, is a popular free scripting language that works well for developing websites and can be integrated into HTML. Because of its simple syntax, even non-programmers can learn and use it, while expert programmers may take advantage of its complex capabilities. Millions of websites and apps run on PHP because it has strong capabilities for database interaction, server-side scripting, and dynamic content creation. PHP has a large built-in function library, supports several databases, and integrates easily with different frameworks, making it a flexible and strong option for developing dynamic and interactive online applications.

**JAVASCRIPT:** JavaScript serves as the backbone of interactivity and functionality within LITLOOP, powering various aspects of our platform from dynamic content generation to form validations. As a client-side scripting language, JavaScript enables us to create dynamic and responsive user interfaces, enhancing the overall user experience. Through JavaScript, we implement features such as interactive quizzes, live chat support, and real-time updates, fostering engagement and interaction between users and the platform.

**Visual Studio Code (VS Code):** Description: Visual Studio Code is a lightweight and extensible source code editor developed by Microsoft. It supports multiple programming languages and offers built-in functionalities for code editing, debugging, and version control.

**Key Features:** VS Code provides a rich set of extensions and themes, enabling developers to customize their development environment according to their preferences. It offers features like IntelliSense for code autocompletion, built-in Git integration for version control, and a powerful debugging toolset. Additionally, VS Code supports various plugins and extensions, enhancing its functionality for different programming languages and frameworks.

## **REFERENCES**

The development of the LITLOOP platform has drawn upon a variety of resources and references to guide and inform the projects execution. The following sources have been instrumental in shaping the conceptualization, design, and implementation of the platform:

**1. Online Resources and Documentation:**

Mozilla Developer Network (MDN) Web Docs. Available at: <https://developer.mozilla.org>  
 W3Schools. Available at: <https://www.w3schools.com>  
 PHP Documentation. Available at: <https://www.php.net/docs.php> MySQL Documentation.  
 Available at: <https://dev.mysql.com/doc/>

**2. Design and Graphics Resources:**

Adobe Photoshop and Illustrator. Available at:  
<https://www.adobe.com/products/photoshop.html>  
 Colour Scheme Design Tools. Various online platforms for generating colors palettes.  
 Coolors. Available at: <https://coolors.com>  
 Pexels. Available at: <https://www.pexels.com>

**3.** Johnson, M. (2020). The Future of E-Learning: Trends and Innovations Educational Technology Review, 15(2), 45-58.

**4.** Smith, A. et al. (2021): Bridging the Gap: Enhancing Student Employability Through Internship Programs. Journal of Higher Education, 25(4), 112-127.

**For testing our website link**

<https://collaborationnetwork.biz/Testproject/Project3/homelogin.php>