

INDEX

CHAPTER 1: Introduction	1-3
CHAPTER 2: System Analysis	4-12
2.1 Identify System Users	4
2.2 Main Users Goals	4-5
2.3 System Usage Patterns	5-7
2.4 Functional Solution to Meet Users Goals and Usage Patterns	8-9
2.5 Main Navigation Paths	9-10
2.6 Create UI Mockup:	11-12
2.7 Polish UI Elements	12
CHAPTER 3: Identification of Needs	13-14
3.1 For Students	13
3.1.1 Hardware Configuration	13
3.1.2 Software Configuration	13
3.2 For Counsellors	13
3.2.1 Hardware Configuration	13
3.2.2 Software Configuration	13
3.3 For Students	13
3.3.1 Hardware Configuration	13
3.3.2 Software Configuration	13-14
CHAPTER 4: Feasibility Study	15-17
4.1 Technical Feasibility	15
4.2 Financial Feasibility	16
4.3 Organizational Feasibility	16
4.4 Market Feasibility	16-17
4.5 Operational Feasibility	17
CHAPTER 5: Project Planning	18-20
5.1 Define Project Objective	18
5.2 The Project into a list of deliverables and milestones	18
5.3 Task for each deliverable and milestone	18-19
5.4 The time and resources needed for completion	19-20
5.5 Identify Risk	20
CHAPTER 6: System Requirement Specifications (SRS)	21-25
6.1 Introduction	21
6.2 Overall Description	21-22

INDEX

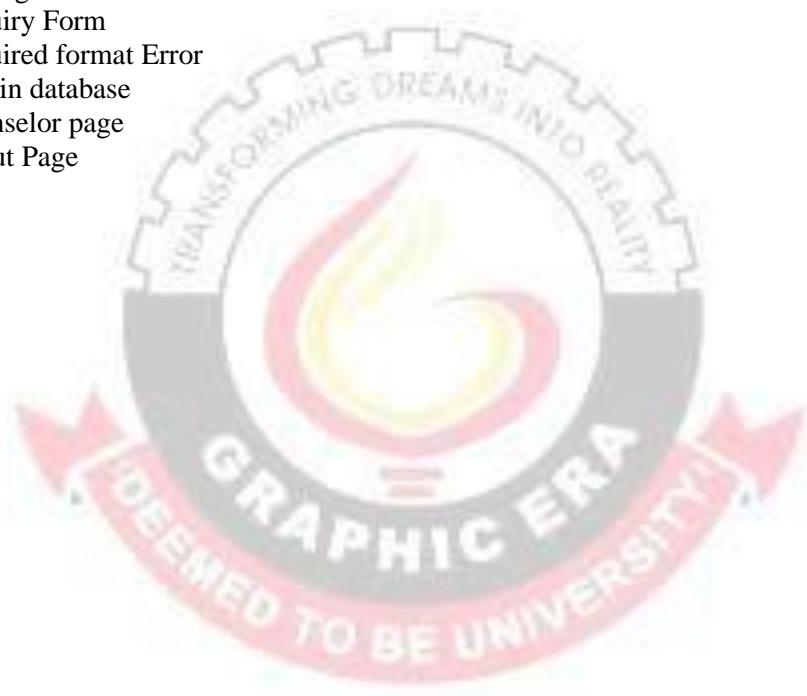
6.3 External Interface Requirements	23
6.4 System Features	24-25
6.5 Non-Functional Requirements	25
6.6 Performance Requirements	25
CHAPTER 7: Software engineer paradigm applied	26-31
CHAPTER 8: System Design	32-34
CHAPTER 9: Data Integrity and constraints	35-39
CHAPTER 10: Database Design	40-45
CHAPTER 11: Validation Checks	46-48
CHAPTER 12: Testing	49-53
CHAPTER 13: Creation of user profiles and access rights	54-58
CHAPTER 14: Cost Estimation	59
CHAPTER 15: Reports	60-65
CHAPTER 16: Future Scope	66
CHAPTER 17: Conclusion	67
CHAPTER 18: References	68
CHAPTER 19: Weekly Report	69

Image Indexing

Fig.2.1 Representation of System usage patterns of User	5
Fig.2.2 Representation of System usage patterns of Counselor	6
Fig.2.3 Representation of System usage patterns of Admin	7
Fig.2.4 Functional Solution(A)	8
Fig.2.5 Functional Solution(B)	8
Fig.2.6 Functional Solution(C)	9
Fig.2.7 UI Mockup (A)	11
Fig.2.8 UI Mockup (B)	11
Fig.2.9 UI Mockup (C)	11
Fig.2.10 UI Mockup (D)	12
Fig.7.1 System Design(A)	26
Fig.7.2 System Design(B)	26
Fig.7.3 System Design(C)	27
Fig.7.4 System Design(D)	27
Fig.7.5 System Design(E)	27
Fig.7.6 User implementation	28
Fig.7.7 Counselor implementation	29
Fig.7.8 Admin implementation	30
Fig.8.1 Student System design	32
Fig.8.2 Counselor System design	33
Fig.8.3 Admin System design	34
Fig.10.1 Database Tables	40
Fig.10.2 Database check login schema	41
Fig.10.3 Database check login Entries	41
Fig.10.4 Database Form schema(A)	42
Fig.10.5 Database Form schema(B)	42
Fig.10.6 Database form entries(A)	43
Fig.10.7 Database form entries(B)	43
Fig.10.8 Database form entries(C)	43
Fig.10.9 Database Login information schema	44
Fig.10.10 Database Login information entries	44
Fig.10.11 Database User logs schema	45
Fig.10.12 Database User logs entries	45
Fig.11.1 Email validation	46
Fig.11.2 Password validation	47
Fig.11.3 Phone validation	47
Fig.11.4 Alphabetic validation	48
Fig.11.5 Numeric validation	48
Fig.12.1 Login Form	49
Fig.12.2 wrong credentials	50
Fig.12.3 Empty field	50
Fig.12.4 Required format not matched	51
Fig.12.5 Form validation	51
Fig.12.6 Admin page entries	52
Fig.12.7 Admin page empty error	52
Fig.12.8 Counselor viewing data	53
Fig.12.9 Data displayed for Counselor	53
Fig.13.1 Login Form	54
Fig.13.2 Enter Login credentials	55

Image Indexing

Fig.13.3 Admin page open	55
Fig.13.4 Used already present data	56
Fig.13.5 Password not matched	57
Fig.13.6 Password does not match pattern.	58
Fig.14.1 Basic Charges	59
Fig.15.1 Login Page	60
Fig.15.2 Admin Registration Page	60
Fig.15.3 Empty field error	61
Fig.15.4 Not registered error	61
Fig.15.5 Enquiry Form	62
Fig.15.6 Required format Error	63
Fig.15.7 Admin database	63
Fig.15.8 Counselor page	64
Fig.15.9 About Page	65



CHAPTER 1: Introduction

In the digital age, there is a growing demand for efficient and streamlined admission processes in educational institutions. The Graphic Era Admission Enquiry System project aims to revolutionize the traditional paperwork-intensive admission procedures by transforming them into a smart and digital workflow. Developed by a visionary student, this project offers numerous benefits by digitizing and automating the admission process at Graphic Era University.

The Graphic Era Admission Enquiry System is a comprehensive web-based application that simplifies and enhances the efficiency of the admission process. It replaces the cumbersome manual paperwork with a user-friendly online platform, enabling prospective students to easily submit their inquiries and access relevant information about Graphic Era University. This digital transformation eliminates the need for physical document handling, reducing administrative burdens and improving the overall experience for students, counselors, and administrators.

At the heart of the system is a well-designed inquiry form that captures essential personal and educational details of the students. The form includes multiple fields where students can provide information about themselves, their parents or guardians, and the specific details of their inquiries. By digitizing this form, the system ensures accurate and efficient data collection, enabling timely responses and personalized assistance to students.

To ensure secure access and personalized experiences, the Graphic Era Admission Enquiry System incorporates a robust login system for three user roles: the Admin, Counselor, and Student. The Admin has the authority to manage user accounts and create login credentials for counselors and students. This authentication process ensures authorized access to the system's functionalities and enables effective collaboration among all stakeholders involved in the admission process.

The project's primary objective is to digitalize the admission process, eliminating the need for manual paperwork and physical document handling. By providing dedicated web pages for students, counselors, and administrators, the system offers a tailored experience to each

user group. The student pages feature the inquiry form and an informative section about Graphic Era University, empowering students to make informed decisions about their admission. The counselor web page presents all student data in a convenient table format, enabling counselors to efficiently track and manage inquiries. The admin web page displays student data in a tabular format, allowing administrators to oversee the admission process and make necessary updates or status changes.

By digitizing the admission process, the Graphic Era Admission Enquiry System brings numerous benefits to all stakeholders involved. For students, the system offers a streamlined and user-friendly process for inquiry submission, enabling them to focus on their academic journey rather than dealing with paperwork. The availability of comprehensive information about Graphic Era University on the platform empowers students to make well-informed decisions regarding their education.

Counselors benefit from the system's efficient data management capabilities, as it provides them with a centralized platform to access and track student inquiries. The table format allows counselors to easily search, sort, and manage student data, facilitating personalized guidance and support. The system's streamlined workflows ensure prompt and accurate communication between counselors and students, enhancing the overall admission experience.

Administrators play a vital role in managing the admission process, and the Graphic Era Admission Enquiry System simplifies their tasks by providing a centralized view of student data. Administrators can access the system's admin web page to review and update student information, as well as change the status of inquiries. This centralized approach improves data accuracy, enables efficient decision-making, and enhances the administrative workflow.

Apologies for the incomplete sentence. Here's the revised conclusion:

In conclusion, the Graphic Era Admission Enquiry System project transforms the traditional admission process at Graphic Era University into a smart and digital workflow. By eliminating manual paperwork, improving data management, and providing a user-friendly interface, the system enhances the efficiency, accuracy, and overall experience for students, counselors, and administrators. It empowers students to make informed decisions, facilitates

personalized assistance from counselors, and simplifies administrative tasks, ultimately streamlining the admission process and contributing to the success of Graphic Era University. With its digital capabilities and innovative features, the Graphic Era Admission Enquiry System sets a new standard for modern admissions in educational institutions, paving the way for a more streamlined and student-centric approach.

CHAPTER 2: System Analysis

2.1. Identifying System Users:

The Graphic Era Admission Enquiry System project involves different categories of users who will interact with the system. These users include:

1. Students: Prospective students who are interested in applying to Graphic Era University and have inquiries regarding the admission process.
2. Counselors: Academic counselors or admission staff members who assist students with their inquiries, provide guidance, and manage the admission process.
3. Administrators: The administrative staff responsible for overseeing and managing the entire admission process, including reviewing inquiries, updating student information, and making decisions on admission status.

2.2. Main Users Goals:

The main goal of the Graphic Era Admission Enquiry System is to provide a seamless and efficient admission process for all users involved. The specific goals for each user category are as follows:

Students:

- Submit inquiries: Students aim to submit their admission-related inquiries through the system, providing personal and educational details.
- Access information: Students seek to access relevant information about Graphic Era University.

Counselors:

- Manage inquiries: Counsellor's primary goal is to effectively manage and respond to student inquiries, ensuring prompt and accurate assistance.
- Track student data: Counsellors aim to track and monitor the progress of student inquiries, ensuring a smooth admission process.
- Provide guidance: Counsellors strive to offer personalized guidance to students, helping them make informed decisions and navigate the admission process.

Administrators:

- Oversee admission process: Administrators have the responsibility to oversee the entire admission process, ensuring its smooth operation and adherence to policies.
- Manage student data: Administrators aim to manage and update student data, including inquiry status, admission decisions, and communication records.

- Enhance efficiency: Administrators seek to streamline the admission process, reduce manual paperwork, and improve overall efficiency.

2.3. System Usage Patterns:

The Graphic Era Admission Enquiry System follows a specific pattern of usage by the various user categories:

Students:

Open the web page: Students access the system by opening the designated web page using a browser on their laptop or mobile device.

First-time login: New students will create an account by providing their email and password. This step is necessary for accessing the system and submitting inquiries.

Fill the form: Once logged in, students will find a form with entry fields where they can provide their personal and educational details, as well as their inquiry information.

Submit the form: After filling in the required information, students will submit the form to send their inquiry to the system.

Returning login: When students log in again, they will find the form with their previously entered details, allowing them to review and update any necessary information.

Purpose column update: The purpose column in the form will be updated by the administrator, providing clarity and context for each student's inquiry.

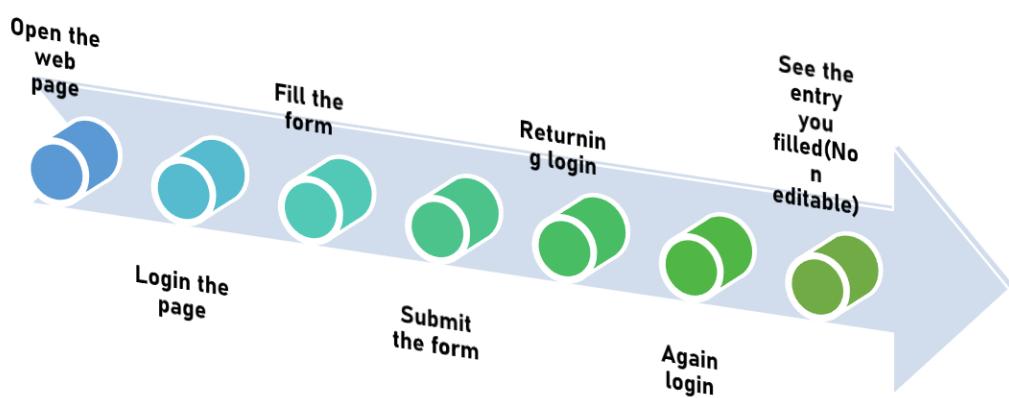


Fig.2.1 Representation of System usage patterns of User

Counselors:

Open the web page: Counselors access the system through the web page using a browser on their laptop or mobile device.

Login: Counselors enter their login credentials (email and password) provided by the administrator.

Access student data: Upon successful login, counselors can access a dashboard or table format displaying student inquiries and related information.

Select student and display data: Counselors can select a student's name from the provided list, and the corresponding data of the selected student will be displayed in the form. The data will be view-only and not editable.

Provide guidance: Based on the displayed student data, counselors can provide guidance and assistance to students throughout the admission process.

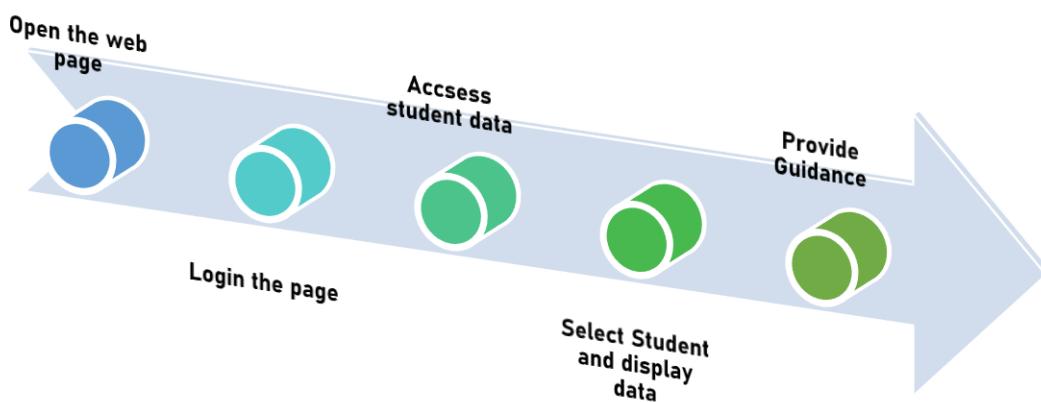


Fig.2.2 Representation of System usage patterns of Counselor

Administrators:

Open the web page: Administrators access the system via the designated web page using a browser on their laptop or mobile device.

Login: Administrators enter their login credentials (email and password) to gain access to the system.

Generate login IDs: Administrators have a specific page where they can generate login IDs for students and counselors, granting them access to the system.

View database: Administrators can view the database containing student inquiries, personal and educational details, and communication logs.

Student data representation: On a specific page, administrators can choose a student's name from a select box, and the corresponding data of the selected student will be displayed, providing a comprehensive overview.

Perform administrative tasks: Administrators have various administrative tasks they can perform, such as updating inquiry statuses, making changes to student data, and generating reports for analysis and decision-making.

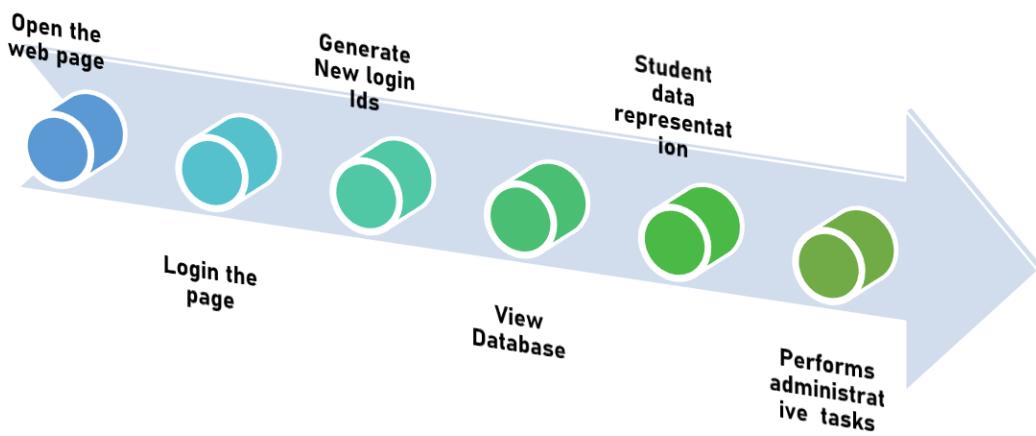


Fig.2.3 Representation of System usage patterns of Admin

2.4. Functional Solution to Meet Users Goals and Usage Patterns:

STUDENT:



Fig.2.4 Functional Solution(A)

COUNSELOR:

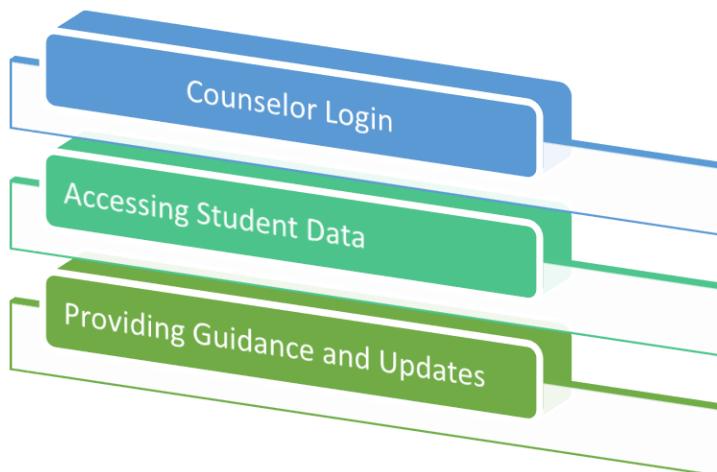


Fig.2.5 Functional Solution(B)

ADMINISTRATIVE:

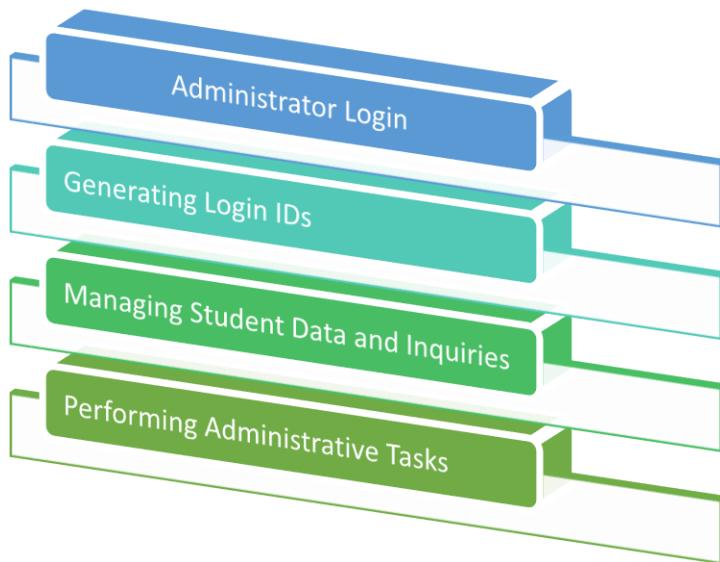


Fig.2.6 Functional Solution(C)

2.5. Main Navigation Paths:

Student:

Step 1: Login

- The student visits the login page and enters their registered email and password.
- Upon successful authentication, the student gains access to their account.

Step 2: Fill and Submit the Inquiry Form

- The student navigates to the inquiry form section.
- They fill in the required fields, including personal and educational details, parent information, and the inquiry details.
- After completing the form, the student clicks on the "Submit" button to send their inquiry.

Step 3: View Inquiry Status

- Upon submission, the student can view the status of their inquiry in their dashboard.
- They can track the progress and any updates made by the administrator.

Counsellor:

Step 1: Login

- ⊕ The counselor accesses the login page and enters their assigned login credentials.
- ⊕ After successful authentication, the counsellor gains access to their account.

Step 2: View Assigned Inquiries

- ⊕ In the counsellor's dashboard, a table or list displays the inquiries assigned to them.
- ⊕ They can see the student names and relevant details.

Step 3: Review and Update Inquiry Status

- ⊕ The counsellor selects a student's name from the list to view the inquiry details.
- ⊕ They review the information provided by the student and can update the inquiry status accordingly.
- ⊕ The counsellor can select predefined status options (e.g., pending, in progress, completed) from a dropdown menu.

Administrator:

Step 1: Login

- ⊕ The administrator accesses the login page and enters their unique login credentials.
- ⊕ Once authenticated, the administrator gains access to their account.

Step 2: Generate Login IDs for Students and Counsellors

- ⊕ In the administrator's dashboard, there is a specific page to generate login IDs for students and counsellors.
- ⊕ The administrator assigns unique login credentials to each student and counsellor.

Step 3: Manage Database and Data Representation

- ⊕ The administrator has access to the entire database of inquiries.
- ⊕ They can view and manage the data, including student and inquiry details.
- ⊕ A specific page allows the administrator to select a student's name from a dropdown menu and view the corresponding data.

Step 4: Update Inquiry Status

- ⊕ The administrator has the authority to update the status of inquiries.
- ⊕ They can change the status based on the progress of processing the inquiries.

2.6. Create UI Mockup:

Graphic Era

Admission Enquiry System

Enter Email

Enter Password

Enter Name

Type of user

Validate

Fig.2.7 UI Mockup (A)

Graphic Era

Admission Enquiry System

Enter Email

Enter Password

Validate

Fig.2.8 UI Mockup (B)

Graphic Era

Admission Enquiry System

About

logout

Select box for selecting particular student

↓

Manya
Kanchi
Sonam
Ritu
shreya

SELECT

Form will be displayed and the data according to the selection of select box.

Fig.2.9 UI Mockup (C)

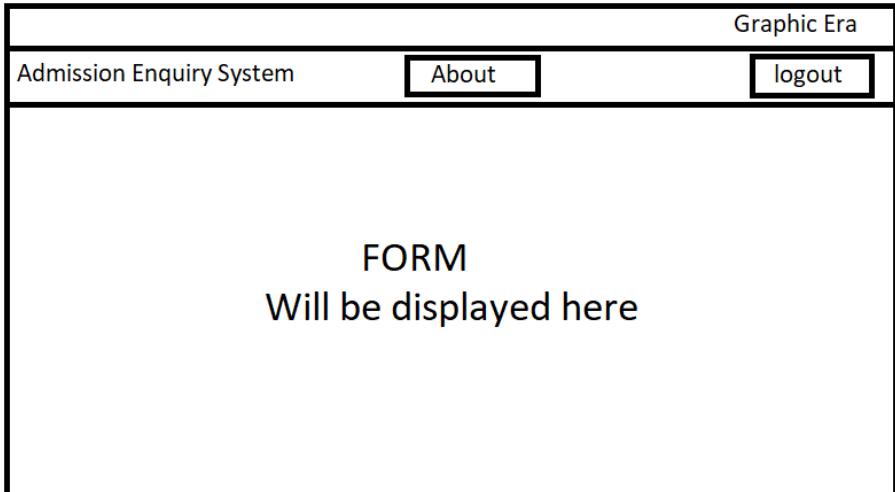


Fig.2.10 UI Mockup (D)

2.7. Polish UI Elements:

Polish UI Elements refers to the process of refining and improving the visual and interactive components of the user interface. This includes enhancing the layout, colours, typography, icons, and interactions to create a more visually appealing and user-friendly interface. By paying attention to the details and ensuring a cohesive design, the goal is to provide a polished and professional look to the system. The focus is on improving clarity, readability, and ease of use, creating an interface that not only looks visually appealing but also functions smoothly. By implementing polished UI elements, the Graphic Era Admission Enquiry System can provide an enhanced user experience, making it easier for users to navigate interact with, and accomplish their tasks effectively.

Chapter3: Identification of needs

Following are the need for the Optical recognition system:

3.1 For Students:

3.1.1 Hardware Configuration:

- ❖ Minimum RAM: 2GB
- ❖ Minimum Storage: 10GB
- ❖ CPU: Dual-core or higher

3.1.2 Software configuration:

- ❖ Operating System: Windows/LINUX
- ❖ Web Browser (e.g., Chrome, Firefox)

3.2 For Counsellors:

3.2.1 Hardware Configuration:

- ❖ Minimum RAM: 4GB
- ❖ Minimum Storage: 20GB
- ❖ CPU: Dual-core or higher

3.2.2 Software configuration:

- ❖ Operating System: Windows/LINUX
- ❖ Web Browser (e.g., Chrome, Firefox)
- ❖ Text Editor for accessing and reviewing student data

3.3 For Administrative:

3.3.1 Hardware Configuration:

- ❖ Minimum RAM: 4GB
- ❖ Minimum Storage: 20GB
- ❖ CPU: Dual-core or higher

3.3.2 Software configuration:

- ❖ Operating System: Windows/LINUX
- ❖ Web Browser (e.g., Chrome, Firefox)

- ❖ Text Editor for accessing and reviewing student data.
- ❖ Server-side scripting language (e.g., PHP, Python)
- ❖ Relational database management system (e.g., MySQL, PostgreSQL)

CHAPTER 4: Feasibility Study

A feasibility study is a high-level arrangement of the entire System analysis and Design Process. The study begins by classifying the problem definition. Feasibility is to determine if it's worth accomplishing. Once an acceptance problem description has been generated, the analyst designs a logical model of the system. A search for alternatives is analyzed carefully.

There are three parts to feasibility study.

4.1 Technical feasibility Technique:

- To evaluate the technical feasibility of the Graphic Era Admission Enquiry System, the following techniques were employed:
- Extensive research and analysis of various resources related to admission enquiry systems were conducted to understand the technical aspects involved in building such a system. The findings from this research indicated that the implementation of an online admission enquiry system is technically feasible and can be accomplished using modern technologies.
- The system requires a web-based architecture, which can be developed using popular technologies such as HTML, CSS, and JavaScript for the frontend, and server-side scripting languages like PHP or Python for the backend. These technologies have a proven track record in web development and provide the necessary tools for creating a robust and scalable system.
- Database management systems like MySQL or PostgreSQL can be used to store and manage the data related to student inquiries, counselor information, and administrative tasks. These database systems are widely used, reliable, and offer efficient data retrieval and storage capabilities.
- User authentication and authorization can be implemented using secure protocols and frameworks like JWT (JSON Web Tokens) or session-based authentication. This ensures that only authorized users have access to specific functionalities and data within the system.
- To enhance the user experience, responsive design techniques can be applied to ensure that the website is accessible and functional across different devices and screen sizes. This includes utilizing responsive layouts, optimized images, and mobile-friendly navigation.

4.2 Financial Feasibility technique:

- There is no such cost factor but when we go for hosting through any cloud service like AWS
- Aws basic hosting charged vary from \$3 to \$10. Concluding all charges of the AWS services that can be used in launching Optical Character recognition will cost minimum \$15 per month.
- Profit can be generated by basic pricing, Plan-pricing can be done on the basis of the pages. the estimation of increase in revenue would be \$20-\$25 per month.
- Gross profit of \$10-\$15 can be generated in the blooming ag of the software.
- Part of the profits would be utilized for advertising to increase the demand.

4.3 Organizational Feasibility technique:

- Developer for handling the hosting of website and the technical issues
- Database & server expert for managing database & server..
- Website developer to handle the website issues and for enhancement as per requirements.

4.4 Market Feasibility technique:

the market feasibility assessment reveals a wide range of potential target areas where the system can be highly beneficial. The primary areas of focus include:

- Educational Institutions
- Career Counselling Services
- Education Technology (EdTech) Sector
- Academic Consultants
- Educational Fairs and Exhibitions
- Government Education Departments
- Private Educational Institutions

The marketing strategy for the Graphic Era Admission Enquiry System will involve targeting these specific market segments, highlighting the benefits and advantages of the system in their respective contexts. Promotional efforts can include attending educational conferences and exhibitions, online marketing campaigns, collaborations with educational organizations, and direct outreach to educational institutions and career counselling services. By focusing on these market areas, the

project can position itself as a valuable solution that addresses the admission-related challenges faced by students and educational institutions.

4.5 Operational feasibility:

The project is operationally feasible as the user having basic knowledge about computer and Internet can use it very easily.

Chapter 5: Project Planning

5.1 Define Project Objectives:

The main objective of the Graphic Era Admission Enquiry System project is to develop a user-friendly web application that facilitates the admission inquiry process at Graphic Era University. The system aims to transform the traditional paper-based admission procedures into a smart and digital workflow, offering numerous benefits to both students and university staff.

Through this project, students will have the convenience of accessing an online form to submit their personal and educational details, as well as their parent information and inquiry details. The system also provides a login system for students, counselors, and administrators, allowing each user to access the relevant functionalities. For students, the web pages include the admission inquiry form and information about Graphic Era University. Counselors can access a table displaying student data for effective management, while administrators have additional capabilities, such as generating login IDs for students and counselors, viewing the database, and updating the status of inquiries.

By implementing the Graphic Era Admission Enquiry System, the admission process can be streamlined and conducted digitally, saving time and effort for both students and university staff. The web-based interface and login system ensure secure access to information and allow for efficient management of inquiries. Overall, this project aims to enhance the admission experience for students and improve administrative processes at Graphic Era University.

5.2 The project into a list of deliverables and milestones:

There are multiple technology one of them we are using Web Development and our model is divided into 4 parts.

- ✓ User Authentication
- ✓ Reporting and Analytics
- ✓ Default Admission Enquiry
- ✓ Customized Admission Enquiry with User Input by Administrator

5.3 Tasks for each deliverable and milestone:

Tasks for each deliverable and milestone in Graphic Era Admission Enquiry System project could include:

1. User Authentication:

- Design and implement the login and registration functionality.
- Develop a secure authentication system with password encryption.
- Create user roles and permissions for different user types (admin, counselor, student).

2. Reporting and Analytics:

- Design and develop a reporting module to generate various reports related to admission inquiries.
- Implement data visualization tools to present the reports in a visually appealing and meaningful way.
- Incorporate analytics features to analyze trends, patterns, and performance metrics.

3. Default Admission Enquiry:

- Design and develop the admission enquiry form with relevant fields for personal, educational, and parent details.
- Implement form validation to ensure the accuracy and completeness of the entered information.
- Store the submitted data securely in a database for future reference and processing.

4. Customized Admission Enquiry with User Input by Administrator:

- Create an admin interface to manage and customize the admission enquiry form.
- Allow the administrator to modify the form fields, add or remove fields, and set validation rules.
- Implement functionality for the administrator to define options for orientation and engine selection.

5.4 The time and resources needed for completion:

The time needed for the completion of the program will be around 5 – 6 weeks. The resources will be the hardware and software requirements for building the project.

The hardware requirements include the Minimum Ram: 512MB, Minimum Storage: 512MB, CPU: At least one core.

The software requirements include the Operating System: Windows/LINUX, Web Browser, VS Code Text editor: For front end development, Mysql Workbench for database management, Xampp Server.

5.5 Identify Risk:

Conducting a risk analysis is not only a Security Rule requirement, but also is fundamental to identifying and implementing safeguards that comply with and carry out the Security Rule standards and implementation specifications. Although the Security Rule does not require it, creating and maintaining an up-to-date, IT asset inventory could be a useful tool in assisting in the development of a comprehensive, enterprise-wide risk analysis, to help organizations understand all of the places.

Chapter 6: Software requirement Specification (SRS)

6.1. INTRODUCTION

➤ Purpose:

The purpose of the Graphic Era Admission Enquiry System is to develop a software solution with a user-friendly interface for streamlining the admission enquiry process. The project aims to provide a seamless and efficient system for managing admission inquiries at Graphic Era University. It will enable prospective students, counselors, and administrators to interact and exchange information effectively, simplifying the overall admission process.

➤ Intended Audience and Reading Suggestions:

This Software Requirements Specification document is intended for software engineers, system testers, and software designers involved in the development, testing, and production of the Graphic Era Admission Enquiry System. It is recommended to read the sections sequentially to gain a comprehensive understanding of the project requirements and functionalities. Reference the appendices as needed to clarify any technical terms or definitions.

➤ Product Scope:

The Graphic Era Admission Enquiry System aims to enhance the admission process at Graphic Era University by providing a comprehensive online platform for prospective students to submit their admission inquiries. The system will allow students to fill out an enquiry form with their personal and educational details. The system will also cater to the needs of counselors and administrators by providing them with access to the submitted inquiries and enabling them to manage and respond to the enquiries effectively. It is important to note that any modifications or changes made to the system beyond its initial release are not the responsibility or liability of the developers, ensuring the integrity of the core system functionality.

6.2. Overall Description

➤ Product Perspective:

The Graphic Era Admission Enquiry System is an independent software product developed specifically for managing the admission enquiry process at Graphic Era University. It functions as an online platform where prospective students can submit their admission inquiries, providing an efficient and streamlined method for managing and responding to these inquiries. The system is designed to enhance the overall admission process by improving communication between students, counselors, and administrators, and ensuring timely and accurate handling of admission-related queries and requests.

➤ **Product Functions:**

The Graphic Era Admission Enquiry System enables prospective students to enter their personal and educational details through an online interface. The system allows for the submission of admission inquiries, providing a standardized format for students to provide relevant information. It offers features for counselors and administrators to access and manage these inquiries, allowing them to view, track, and respond to student queries effectively. The system also facilitates the generation of reports and analytics to monitor and evaluate the admission enquiry process, enabling data-driven decision-making for the university.

➤ **Operating Environment:**

The Graphic Era Admission Enquiry System is designed to be accessed through standard web browsers, ensuring compatibility with a wide range of devices and operating systems. Users can access the system from desktop computers, laptops, tablets, and mobile phones, providing flexibility and convenience for both students and administrators.

➤ **Design and Implementation Constraints:**

The development of the Graphic Era Admission Enquiry System involves adhering to design and implementation constraints to ensure the system's efficiency and effectiveness. These constraints may include considerations such as data security and privacy, scalability to accommodate a large number of inquiries, user-friendly interface design, and integration with existing university systems or databases.

➤ **User Documentation:**

The system will provide user documentation to guide users through the functionalities and usage of the Graphic Era Admission Enquiry System. The documentation will include instructions on how to navigate the system, submit inquiries, track progress, and communicate with counselors or administrators. It will also address frequently asked questions and provide troubleshooting guidance for common issues.

➤ **Assumptions and Dependencies:**

The development of the Graphic Era Admission Enquiry System assumes the availability of necessary hardware infrastructure, such as servers and network connectivity, to support the system's operation. It also assumes that the university's admission policies and processes are appropriately defined and can be implemented within the system. Dependencies may include integration with existing university databases or systems to ensure seamless information flow and data synchronization between different university departments involved in the admission process.

6.3 EXTERNAL INTERFACE REQUIREMENTS

➤ **Hardware Requirements:**

- The Graphic Era Admission Enquiry System requires a laptop or desktop computer with a reliable internet connection.
- The computer should have sufficient processing power, memory, and storage to support the smooth functioning of the application.
- It is recommended to have a high-resolution display for better visibility and user experience.

➤ **Software Requirements:**

- The system is compatible with popular web browsers such as Chrome, Firefox, or Safari, which should be installed on the user's laptop.
- The laptop should have an operating system (e.g., Windows, macOS, Linux) that supports the chosen web browser.
- Additionally, any required plugins or extensions for the web browser should be installed as per the system recommendations.

➤ **Internet Connectivity:**

- A stable and high-speed internet connection is necessary for accessing and using the Graphic Era Admission Enquiry System.
- The laptop should be connected to the internet via Ethernet or Wi-Fi to ensure uninterrupted communication with the system's servers.

➤ **Data Security:**

- The laptop used to access the system should have up-to-date antivirus and firewall software installed to protect against potential security threats.
- It is recommended to follow secure browsing practices, such as avoiding suspicious websites and regularly updating the laptop's software.

Note: The system does not support mobile devices, and therefore, the requirements mentioned above are specific to laptops or desktop computers.

6.4 SYSTEM FEATURES

FOR STUDENT:

System Feature 1: Open the utility on any web browser

DESC: A user should have a working internet connection to open the website displaying the utility.

System Feature 2: Login into the utility

DESC: User will first login into the website if he/she have a registered account else he/she will first register his/her account then login to use the utility

System Feature 3: Fill the form

DESC: The user first have to upload/click the photo and then fill the form by providing personal educational details.

FOR COUNSELLOR:

System Feature 1: Open the utility on any web browser.

DESC: A user should have a working internet connection to open the website displaying the utility.

System Feature 2: Login into the utility

DESC: User will first login into the website if he/she have a registered account else he/she will first register his/her account then login to use the utility

System Feature 3: Select the Student whose data should be displayed

DESC: The user first have to select the particular student from the select box and then the data of that particular student will be displayed.

FOR ADMIN:

System Feature 1: Open the utility on any web browser.

DESC: A user should have a working internet connection to open the website displaying the utility.

System Feature 2: Login into the utility

DESC: User will first login into the website if he/she have a registered account else he/she will first register his/her account then login to use the utility.

System Feature 3: View the Data of Student and Creating new login Ids.

DESC: The user first have to select the particular student from the select box and then the data of that particular student will be displayed and Entry the particular information for creating the Ids.

6.5 OTHER NON-FUNCTIONAL REQUIREMENTS

➤ Safety Requirements

There is no safety measures needed to use this Application.

➤ Security Requirements

This application does not use your mobile phone cameras unnecessarily in background.
Regular update ensures your data secure.

➤ Software Quality Attributes

Flexibility, reusability, robustness, and maintainability

6.6 PERFORMANCE REQUIREMENTS

- Response time for a transaction: average ~ 5 seconds, maximum ~ 10 seconds
- Resource utilization: Memory: %5 Disk: %1 Communications: %0.

Chapter 7: Software Engineering Paradigm applied

According to the Software Engineering Paradigm, we followed waterfall models for the development of the Enquiry System.

1. Requirement Analysis: In the context of the Graphic Era Admission Enquiry System, the primary requirement is to develop a comprehensive and user-friendly platform for managing admission inquiries at Graphic Era University. The system should address the needs and challenges faced by students, counselors, and administrators during the admission process.
2. System Design: the basic structure of the web app is designed with the help of front end languages some of the sample of the design are as follows:

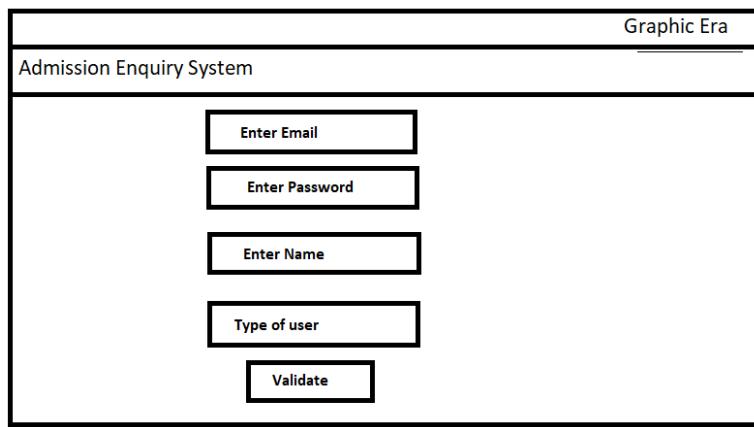


Fig.7.1 System Design(A)

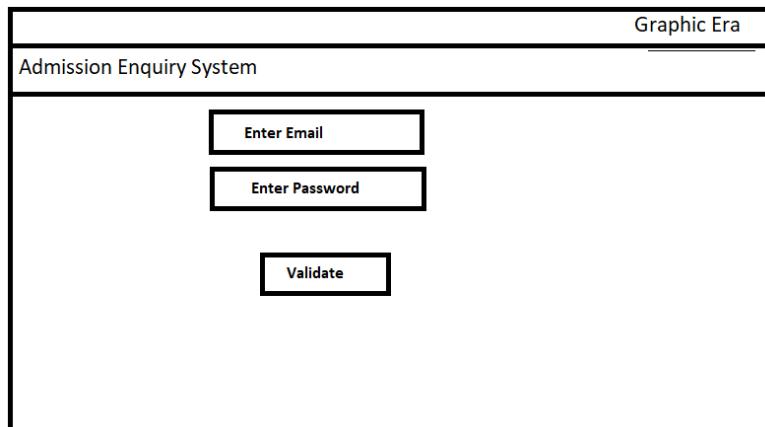


Fig.7.2 System Design(B)

The diagram shows a user interface for an admission enquiry system. At the top, there is a header with "Graphic Era" on the right, "Admission Enquiry System" in the center, and "About" and "logout" buttons on the right. Below this is a list of student names: "Manya", "Kanchi", "Sonam", "Ritu", and "shreya". To the left of the list is a box containing the text "Select box for selecting particular student" with a downward arrow pointing to the list. At the bottom left is a "SELECT" button. To the right of the list is a note: "Form will be displayed and the data according to the selection of select box."

Fig.7.3 System Design(C)

The diagram shows a user interface with a header identical to System Design C. The main area contains the text "FORM Will be displayed here".

Fig.7.4 System Design(D)

The diagram shows a user interface with a header containing "Graphic Era", an "About" button (which is circled), and a "Logout" button. The main area contains the text "About the Graphic Era".

Fig.7.5 System Design(E)

3. Implementation:

For user:

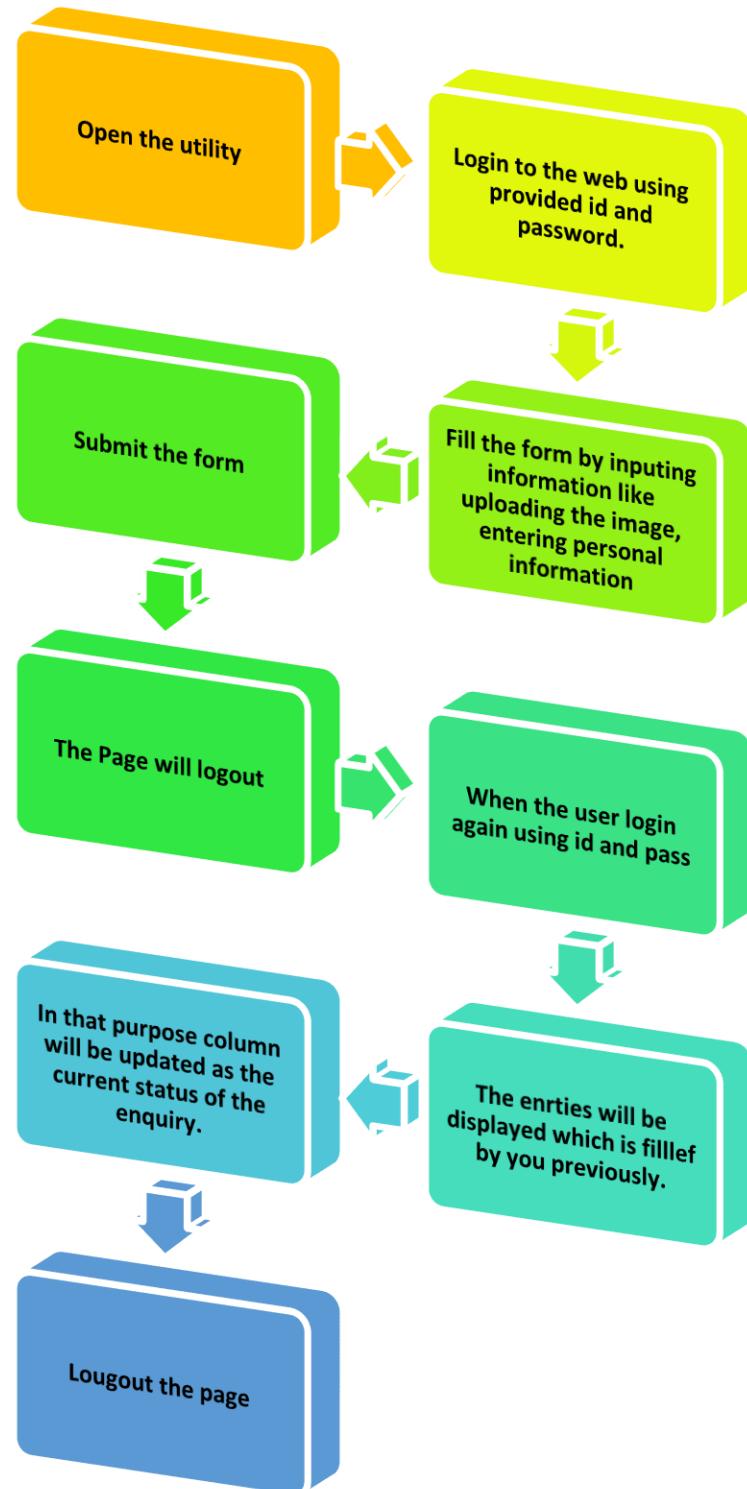


Fig.7.6 User implementation

For Counselor:

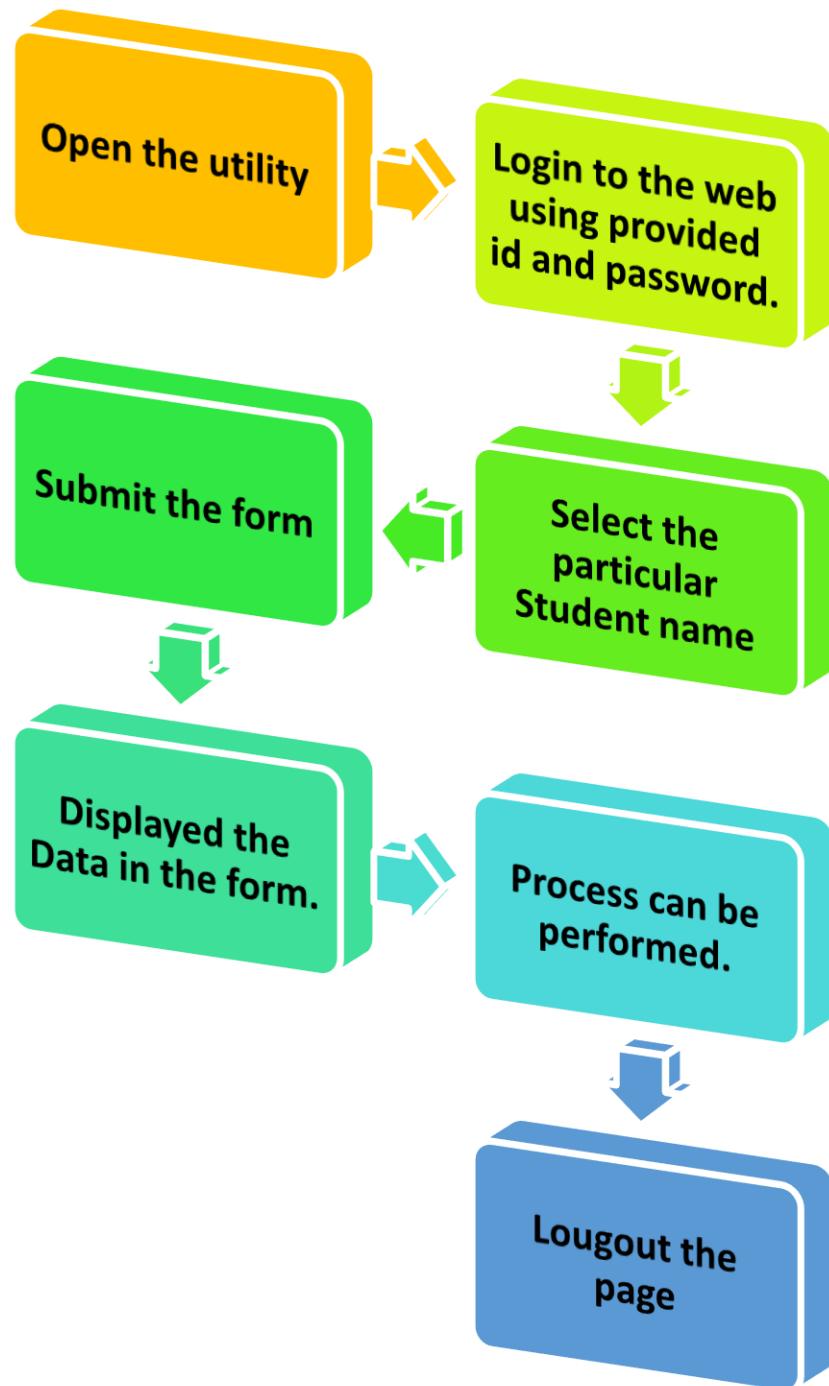


Fig.7.7 Counselor implementation

For Administrative:



Fig.7.8 Admin implementation

4. **Integration and Testing:** There are multiple phases through which we will test the enquiry system which can be done by filling the form and creating multiple ids.
5. **Deployment of System:** Once the functional and non-functional testing is done; the product is deployed in the customer environment or released into the market.
6. **Maintenance:** There are some issues which come up in the client environment. To fix those issues, patches are released. Also to enhance the product some better versions are released. Maintenance is done to deliver these changes in the customer environment.

Chapter8: System Design

The process of defining the elements of a system such as the architecture, modules and components, the different interfaces of those components and the data that goes through that system. It is meant to satisfy specific needs and requirements of a business or organization through the engineering of a coherent and well-running system.

The System design of the Enquiry System follows as:

For Student:

In enquiry system first user is student according to that the first step is logging into page, verifying the credentials if not verified then check the credentials again in case the login is successful then system will check that your entry is in check login or not if not then form will appear to fill the query and yes then the filed data will be shown in the form with non-editable fields after usage logout.

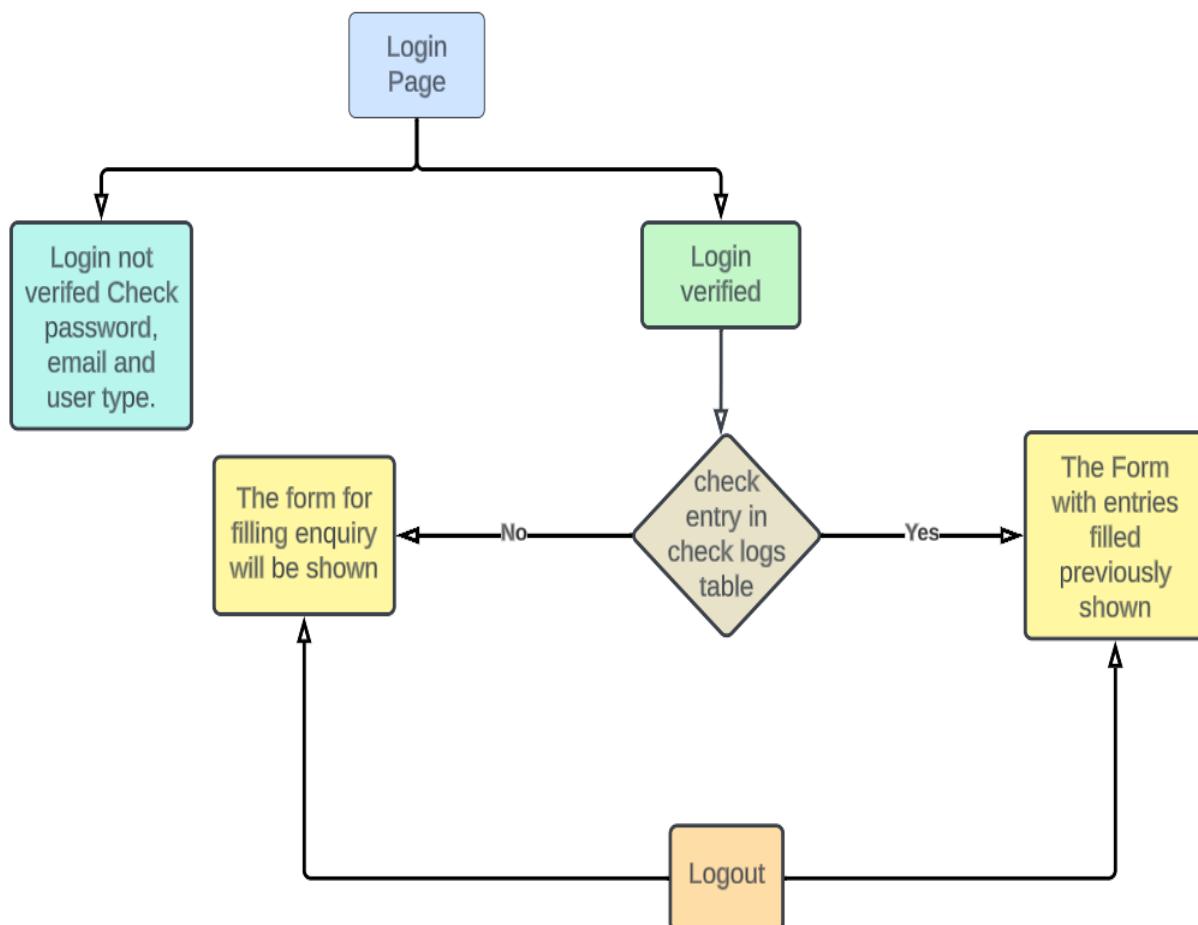


Fig.8.1 Student System design

For Counselor:

In enquiry system second user is counselor according to that the first step is logging into page, verifying the credentials if not verified then check the credentials again in case the login is successful then system will present you web page inside which first user have to select the particular Student for viewing the data, after selecting the data will be displayed in the form and after usage logout.

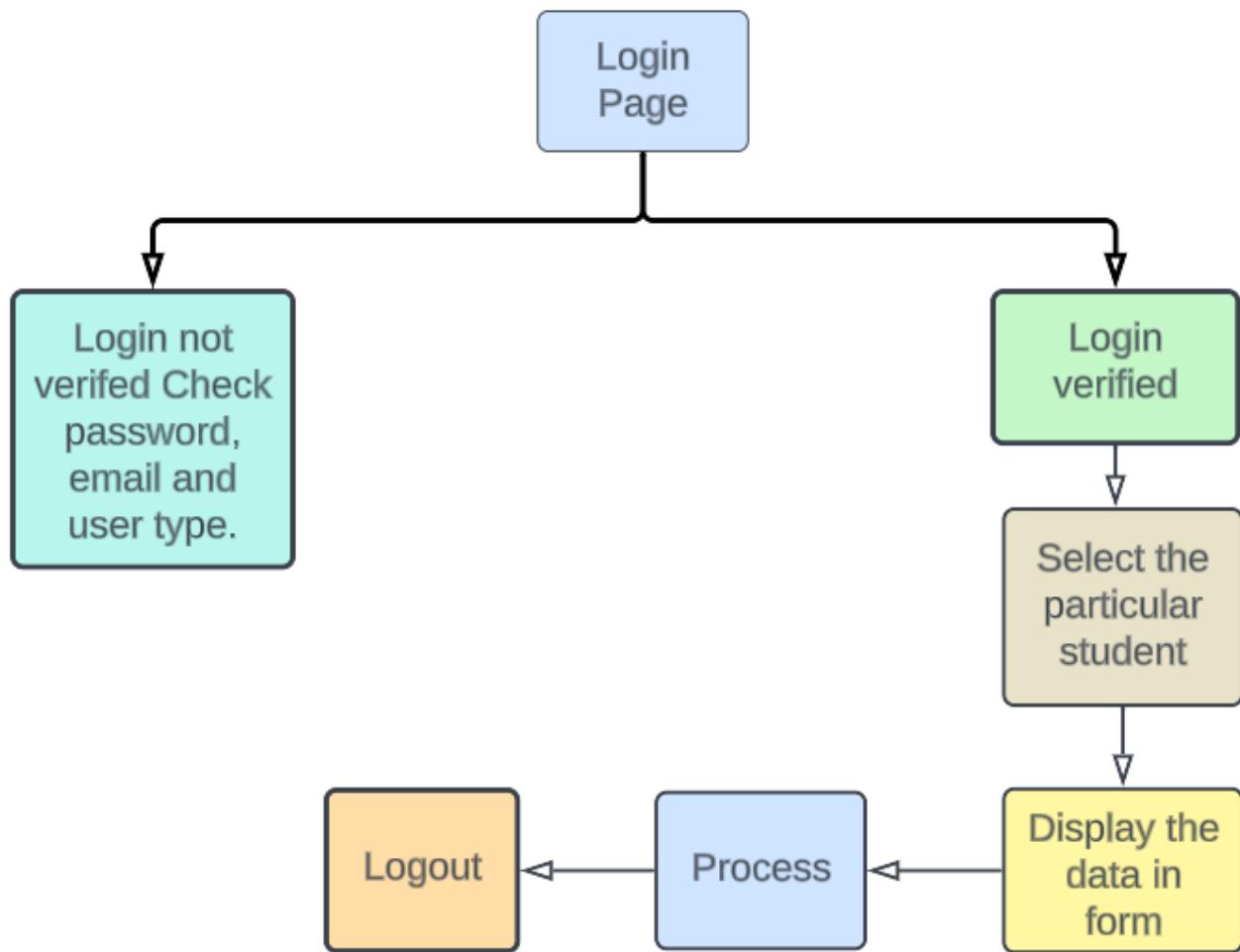


Fig.8.2 Counselor System design

For Admin:

In enquiry system the main user is Admin according to that the first step is logging into page, verifying the credentials if not verified then check the credentials again in case the login is successful then system will present you web page which have two functionalities one is creating an new id for user second is displaying the data. In creating id enter the entries

inside which first user have to select the particular Student for viewing the data, after selecting the data will be displayed in the form and after usage logout.

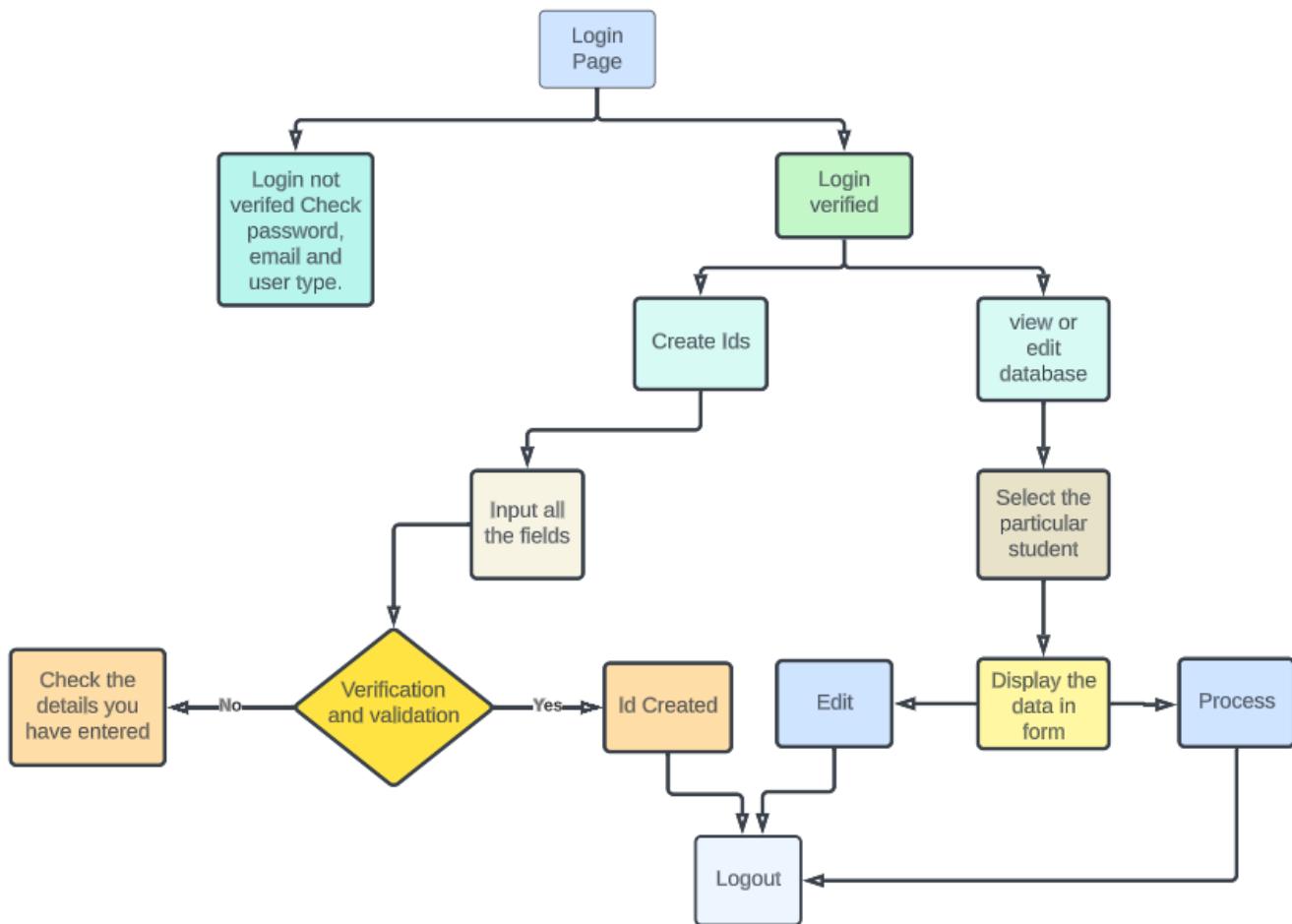


Fig.8.3 Admin System design

Chapter9: Data Integrity and Constraints

Integrity constraints are a set of rules. That is used to Maintain the quality of information. Through this we are ensuring that the data insertion, updating, and other processes have to be performed in such a way that data integrity is not affected thus, it is used to guard against accidental damage to the database.

In our Database we created a multiple table first one is Login information with three columns id, username, password.

In id the data constraints as follows:

- Only numbers
- Id should Not be Null
- No duplicate values are accepted
- All these restriction make the ID as Primary

In Email the data Constraints as follows

- Varchar values accepted
- Maximum Length 20

In User_type the data Constraints as follows

- Varchar values accepted
- Maximum Length 20

In Password the constraints as follows:

- Varchar Values entered
- Minimum length 8
- Alphabets (capital and small)
- Numbers (0-9)

Rule:

- At least 1 uppercase value
- At least 1 Lower case value
- At least 1 Special characters value
- At least 1 Number value

Next table is Form with fields id, photo, first name, last name, gender, father name, father number, father email, address, student number, student email, exam passes 10, exam passes 12, exam passes graduation, exam passes other, board university 10, board university 12, board university graduation, board university other, year 10, year 12, year graduation, year other, percentage 10, percentage 12, percentage graduation, percentage other, subject of query, program Intrested in, campus choice, rollno, score, purpose, information, other sources, token.

In id the data constraints as follows:

- Only numbers
- Id should Not be Null
- No duplicate values are accepted
- All these restriction make the ID as Primary

In Photo the data Constraints as follows

- Varchar values accepted
- Maximum Length 100
- Contains the Path of an image.

In first name the data Constraints as follows

- Varchar values accepted
- Maximum Length 225

In last name the data Constraints as follows

- Varchar values accepted
- Maximum Length 225

In gender the data Constraints as follows

- Varchar values accepted
- Maximum Length 225

In father name the data Constraints as follows

- Varchar values accepted
- Maximum Length 225

In Father number the data Constraints as follows

- Numeric values accepted
- Maximum Length 40

In father Email the data Constraints as follows

- Varchar values accepted
- Maximum Length 50

In Address the data Constraints as follows

- Varchar values accepted
- Maximum Length 225

In Student number the data Constraints as follows

- Numeric values accepted

- Maximum Length 40

In Student Email the data Constraints as follows

- Varchar values accepted
- Maximum Length 50

In Exam passed and board university data Constraints are as follows

- Varchar values accepted
- Maximum Length 40

In Passing the data Constraints as follows

- Year values accepted
- Maximum Length 4

In Percentage the data Constraints as follows

- Integer values accepted
- Maximum Length 10

In Subject of the query the data Constraints as follows

- Varchar values accepted
- Maximum Length 500

In Campus choice and program interested in data Constraints are as follows

- Varchar values accepted
- Maximum Length 45

In Token choice and program interested in data Constraints are as follows

- Varchar values accepted
- Maximum Length 10
- Auto generated with the help of function.

Chapter10: Database design

The database plays a pivotal role in the enquiry system as it comprises multiple tables that serve as the fundamental components of the entire system's functionality and data management.

The Tables that are used are as follows:

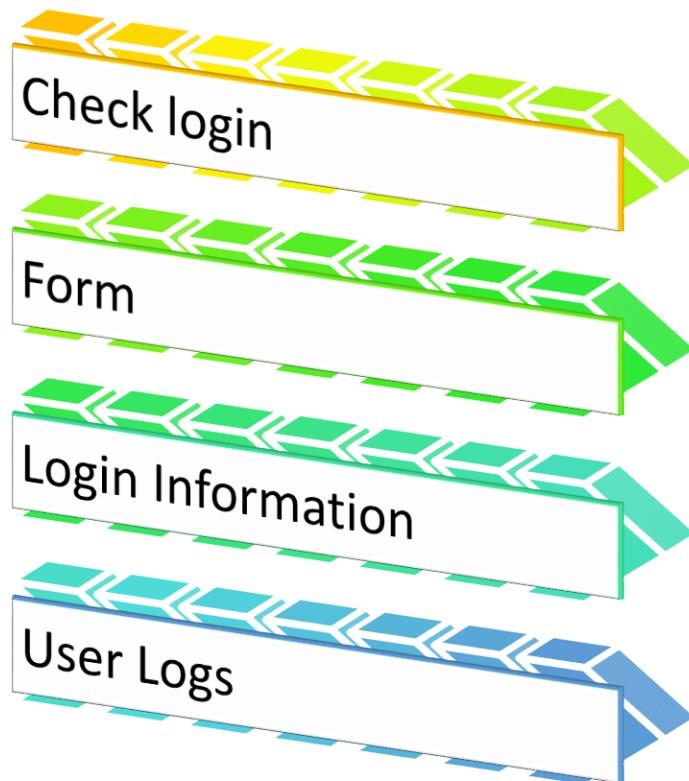


Fig.10.1 Database Tables

1. Check Login:

Schema

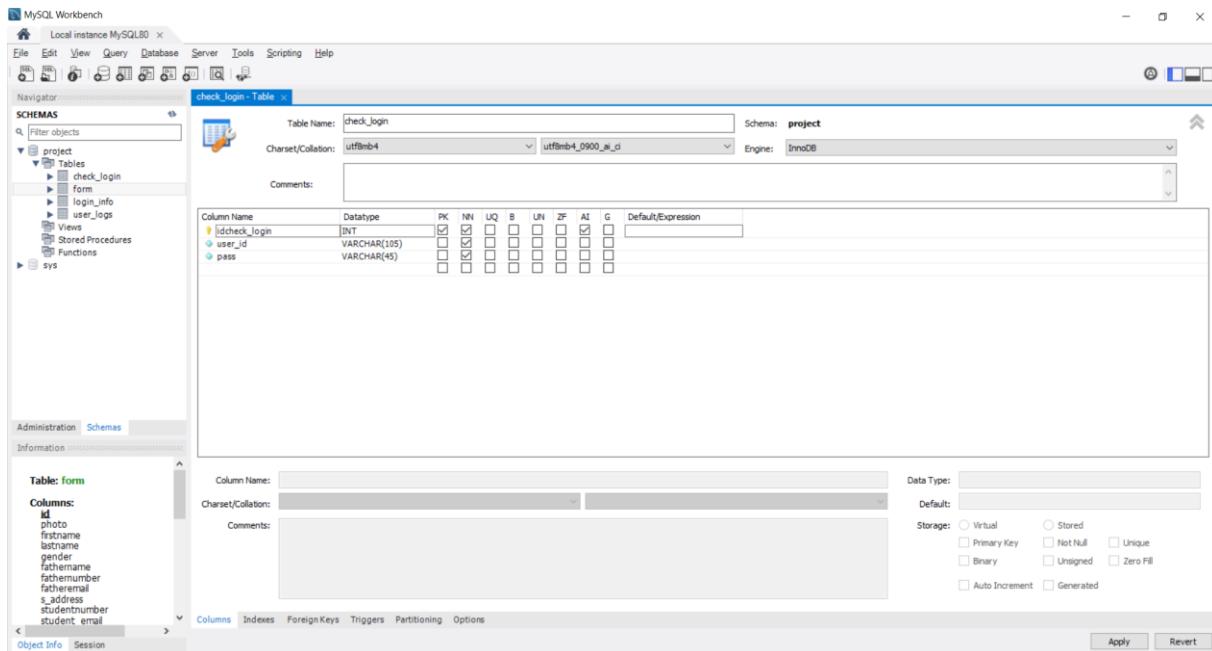


Fig.10.2 Database check login schema

Entries

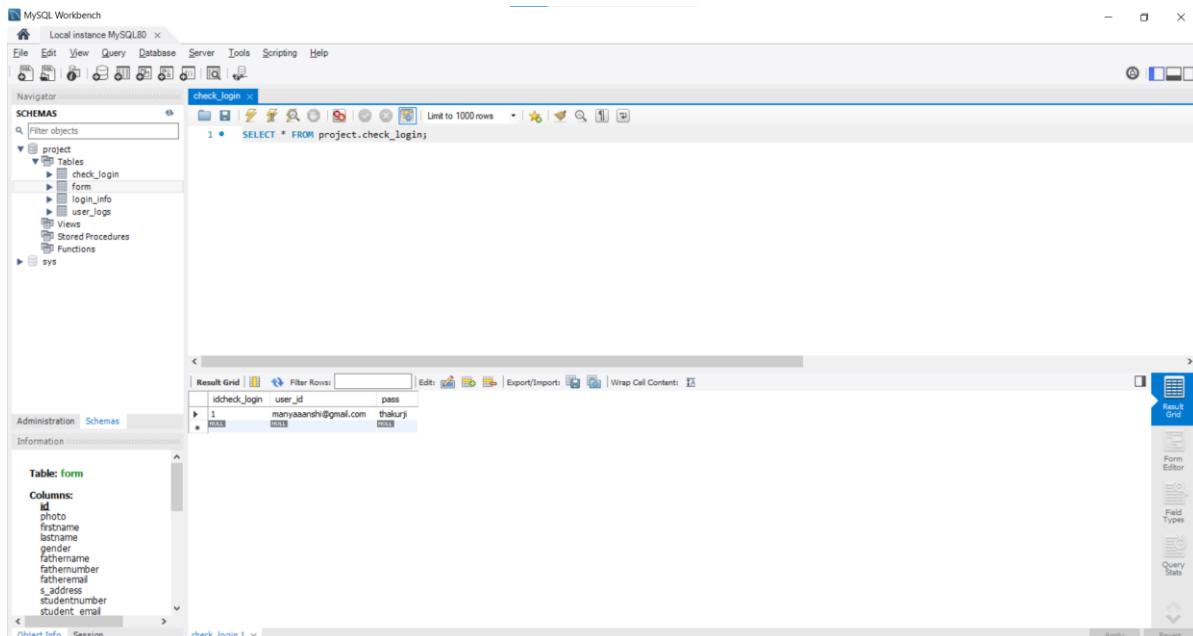


Fig.10.3 Database check login Entries

2. Form

Schema

Table: form

Columns:

- id:** INT (Primary Key)
- photo: VARCHAR(225)
- firstname: VARCHAR(225)
- lastname: VARCHAR(225)
- gender: VARCHAR(225)
- fathername: VARCHAR(225)
- fathernumber: VARCHAR(45)
- fatheremail: VARCHAR(45)
- s_address: VARCHAR(225)
- studentnumber: VARCHAR(45)
- student_email: VARCHAR(45)
- exam_passes_10: VARCHAR(45)
- exam_passes_12: VARCHAR(45)
- exam_passes_graduation: VARCHAR(45)
- exam_passes_other: VARCHAR(45)
- board_university_10: VARCHAR(45)
- board_university_12: VARCHAR(45)
- board_university_graduation: VARCHAR(45)

Table: form

Columns:

- subject_of_query:** VARCHAR(500)

Fig.10.4 Database Form schema(A)

Table: form

Columns:

- board_university_other: VARCHAR(45)
- year_10: YEAR
- year_12: YEAR
- year_graduation: YEAR
- year_other: YEAR
- percentage_10: INT
- percentage_12: INT
- percentage_graduation: INT
- percentage_other: INT
- subject_of_query: VARCHAR(500)
- program_interested_in: VARCHAR(45)
- campus_choice: VARCHAR(45)
- rollno: VARCHAR(30)
- score: INT
- purpose: VARCHAR(45)
- information: VARCHAR(45)
- other_sources: VARCHAR(225)
- token: VARCHAR(225)

Table: form

Columns:

- subject_of_query:** VARCHAR(500)

Fig.10.5 Database Form schema(B)

Entries:

The screenshot shows the Oracle SQL Developer interface with the 'form' table selected. The table has 14 columns: id, photo, firstname, lastname, gender, fathername, fathernumber, fatheremail, s_address, studentnumber, student_email, exam_passes_10, exam_passes_12, exam_passes_graduation, exam_passes_other, board, and year. The data grid displays four rows of student information.

	id	photo	firstname	lastname	gender	fathername	fathernumber	fatheremail	s_address	studentnumber	student_email	exam_passes_10	exam_passes_12	exam_passes_graduation	exam_passes_other	board	year
1	C:/x...	Manya	Rastogi	f	Deepak Ra...	9897965332	hello@gamil...	Ashima vi...	0897930420	hello@gamil...	Passed	Passed			Cbse		
2	C:/x...	Kanchi	Agarwal	f	Gopal Agar...		kanchi@gm...	Rati stre...	2345678907	kanchi@gmail...	Passed	Passed			Cbse		
3	C:/x...	Stuti	Pandey	f	Hardik Pan...	9897965332	stuti@gmail...	Dehradun	0897930420	stuti@gmail.c...	Passed	Passed	Passed		Cbse		
4	C:/x...	Anirud	Gupta	m	Vyom gupta	9897965332	anirud@gm...	Moradabad	0897930420	anirud@gmail...	Passed	Passed	Passed		Cbse		
	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	

Fig.10.6 Database form entries(A)

The screenshot shows the Oracle SQL Developer interface with the 'form' table selected. The table has 13 columns: board_university_10, board_university_12, board_university_graduation, board_university_other, year_10, year_12, year_graduation, year_other, percentage_10, percentage_12, percentage_graduation, percentage_other, and token. The data grid displays four rows of university and percentage data.

	board_university_10	board_university_12	board_university_graduation	board_university_other	year_10	year_12	year_graduation	year_other	percentage_10	percentage_12	percentage_graduation	percentage_other	token
1	Cbse	Cbse			2018	2020	2022	2023	67	65	45	100	
2	Cbse	Cbse			2000	2000	2000	2000	0	0	0	0	
3	Cbse	Cbse	DU		2018	2020	2022	2023	67	65	45	90	
4	Cbse	Cbse	Cu		2018	2020	2022	2023	67	65	45	90	
	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Fig.10.7 Database form entries(B)

The screenshot shows the Oracle SQL Developer interface with the 'form' table selected. The table has 17 columns: graduation, year_other, percentage_10, percentage_12, percentage_graduation, percentage_other, subject_of_query, program Interested_in, campus_choice, rollno, score, purpose, information, other_sources, token, and othersources. The data grid displays four rows of program and interest data.

	graduation	year_other	percentage_10	percentage_12	percentage_graduation	percentage_other	subject_of_query	program Interested_in	campus_choice	rollno	score	purpose	information	other_sources	token	othersources
1	2022	2023	67	65	45	100	check	check	BCA	GEU	0			uX3f1		
2	2000	2000	0	0	0	0			B.com	GEU	0			efsg		
3	2022	2023	67	65	45	90	check	check	MCA	GEU	0			ONv8d		
4	2022	2023	67	65	45	90	check	check	MBA	GEU	0			g8JTN		
	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	

Fig.10.8 Database form entries(C)

3. Login Information

SCHEMA:

The screenshot shows the MySQL Workbench interface with the 'login_info' table selected. The 'Table Name' is 'login_info', 'Schema' is 'project', 'Charset/Collation' is 'utf8mb4', and 'Engine' is 'InnoDB'. The table has columns: id (INT, PK), user_id (VARCHAR(225)), user_name (VARCHAR(100)), first_password (VARCHAR(100)), user_type (VARCHAR(100)), and date (TIMESTAMP(6)). The 'date' column has a default value of CURRENT_TIMESTAMP(6). The 'user_id' column is set to NOT NULL. The 'user_name' and 'first_password' columns are also set to NOT NULL.

Fig.10.9 Database Login information schema

Entries:

The screenshot shows the MySQL Workbench interface displaying the contents of the 'login_info' table. The results show the following data:

	id	user_id	user_name	first_password	user_type	date
5		thakur123@gmail.com	thakurj	radhye	Counselor	2023-06-05 23:04:01.186716
6		manyaaranish@gmail.com	Manya	thakuri	Student	2023-06-12 18:14:42.510096
7		deep@gmail.com	Deepak rastogi	coun@123	Counselor	2023-06-12 18:15:15.530141
8		sonam@gmail.com	Sonam	sonam@123	Counselor	2023-06-28 06:29:37.073601
9		krishna@gmail.com	krishna	radhyeradhye	Student	2023-06-28 06:42:55.663275
*	HULL	HULL	HULL	HULL	HULL	HULL

Fig.10.10 Database Login information entries

4. User logs

Schema :

The screenshot shows the MySQL Workbench interface with the 'user_logs - Table' selected. The 'Table Name' is 'user_logs', 'Schema' is 'project', 'Charset/Collation' is 'utf8mb4', and 'Engine' is 'InnoDB'. The table has four columns: 'log_id' (INT, PK, NN, AI), 'user_id' (VARCHAR(225)), 'action' (VARCHAR(225)), and 'timestamp' (TIMESTAMP(6)). The 'Comments' and 'Default/Expression' fields are empty. The 'Columns' tab is selected, showing the column definitions. The 'Indexes', 'Foreign Keys', 'Triggers', 'Partitioning', and 'Options' tabs are also visible.

Fig.10.11 Database User logs schema

Entries:

The screenshot shows the MySQL Workbench interface with the 'user_logs - Table' selected. A query 'SELECT * FROM project.user_logs' is run, and the results are displayed in a grid. The grid has columns: log_id, user_id, action, and timestamp. The data shows various log entries, mostly from User ID 6, detailing form submissions and logins. The 'Result Grid' tab is selected, and the 'Form Editor', 'Field Types', 'Query Stats', and 'Execution Plan' tabs are visible on the right.

log_id	user_id	action	timestamp
1	4	Form submission by User ID: 4 with Token: PQzTM	2023-06-12 14:12:35.000000
2	2	Login	2023-06-12 14:15:13.000000
3	6	Form Login by User ID: 6	2023-06-12 14:45:36.000000
4	6	Form submission by User ID: 6 with Token: uk3f1	2023-06-12 14:47:35.000000
5	6	Form Login by User ID: 6	2023-06-12 14:47:44.000000
6	6	Form Login by User ID: 6	2023-06-12 14:53:50.000000
7	6	Form Login by User ID: 6	2023-06-12 15:12:22.000000
8	6	Form submission by User IDs: 6 with Token: efsg	2023-06-12 15:18:47.000000
9	6	Form Login by User ID: 6	2023-06-12 15:35:45.000000
10	6	Form submission by User ID: 6 with Token: OW...	2023-06-12 15:52:48.000000
11	6	Form Login by User ID: 6	2023-06-12 15:54:50.000000
12	6	Form submission by User ID: 6 with Token: gsJTN	2023-06-12 15:55:42.000000
13	6	Form Login by User ID: 6	2023-06-12 16:10:50.000000
14	6	Form Login by User ID: 6	2023-06-12 16:11:31.000000
15	6	Form Login by User ID: 6	2023-06-12 16:12:18.000000
16	6	Form Login by User ID: 6	2023-06-12 16:14:56.000000
17		Form Login by User ID:	2023-06-28 08:15:13.000000
18		Form Login by User ID:	2023-06-29 09:40:43.000000
19		Form Login by User ID:	2023-06-29 11:27:40.000000
20		Form Login by User ID:	2023-06-29 11:32:51.000000
21		Form Login by User ID:	2023-06-29 11:39:22.000000

Fig.10.12 Database User logs entries

Chapter11: Validation Checks

The validations are performed and managed by the database. It is declared at the time of database and table creation.

Because of the Data validation we used to review data content against one or more checks. In data management systems, data can be validated in a relatively straightforward way against data type, code lists or thresholds. typically automatic data validation or data cleansing workflows cover these uncomplicated cases. Automated data validation enables users to focus on the important part of data management – extracting value from the data and applying logic to look at the results of the data uploaded.

The goal of the validation is a golden copy of data. This solution shows that the data is validated the same way. Validation serves us to protect our Data by achieving consistent results from validation. Transparency is essential so that user get real- time feedback and react quickly to resolve data issues.

In the multiple table we have applied some validity checks AS:

On User followed regular expression is applied to present the validity checks:

This check shows that the user email id must be in format manyaa@gamil.com

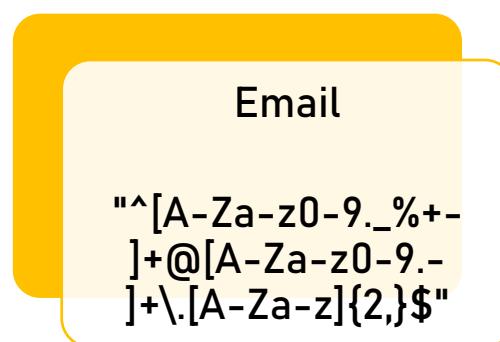


Fig.11.1 Email validation

This check shows that the user can contain:

- Capital Alphabets
- Small Alphabets
- Digits 0=9
- Special Characters
- Space.

Password
`^(?=.*[A-Z])(?=.*\d)(?=.*[@$!%*#?&])[A-Za-z\d@$!%*#?&]{6,}$`

Fig.11.2 Password validation

This shows that fields year must contain the Only numeric with the length of 10.

Numeric fields:
`"[0-9]{4}"`

Fig.11.3 phone validation

This shows that fields like first name, last name, father name, etc must contains the Only alphabets

Alphabetic fields:
"^[A-Za-z]+\\$"

Fig.11.4 Alphabetic validation

This shows that fields like father number, phone number must contains the Only numeric with the length of 10

Numeric fields:
"^[0-9]{10}\\$"

Fig.11.5 Numeric validation

Chapter12: Testing

Software testing is really required to point out the defects and errors that were made during the development phases.

Testing phase is the most important phase will develop software of a web app. With the help of the testing phase, we will be familiar of the functionality of our app very clearly.

Testing is necessary in order to provide the facilities to the customers like the delivery of high-quality products or software application which requires lower maintenance cost and hence results into more accurate, consistent and reliable results.

High quality product typically has fewer defects and requires lesser maintenance effort, which in turn means reduced costs.

Testing is required for an effective performance of software application or product.

It's important to ensure that the application should not result into any failures because it can be very expensive in the future or in the later stages of the development.

Interaction model and the enquiry system model both have to be tested. To know the working level of the models

The testing is applied on the user interaction system in user login and sing up systems.

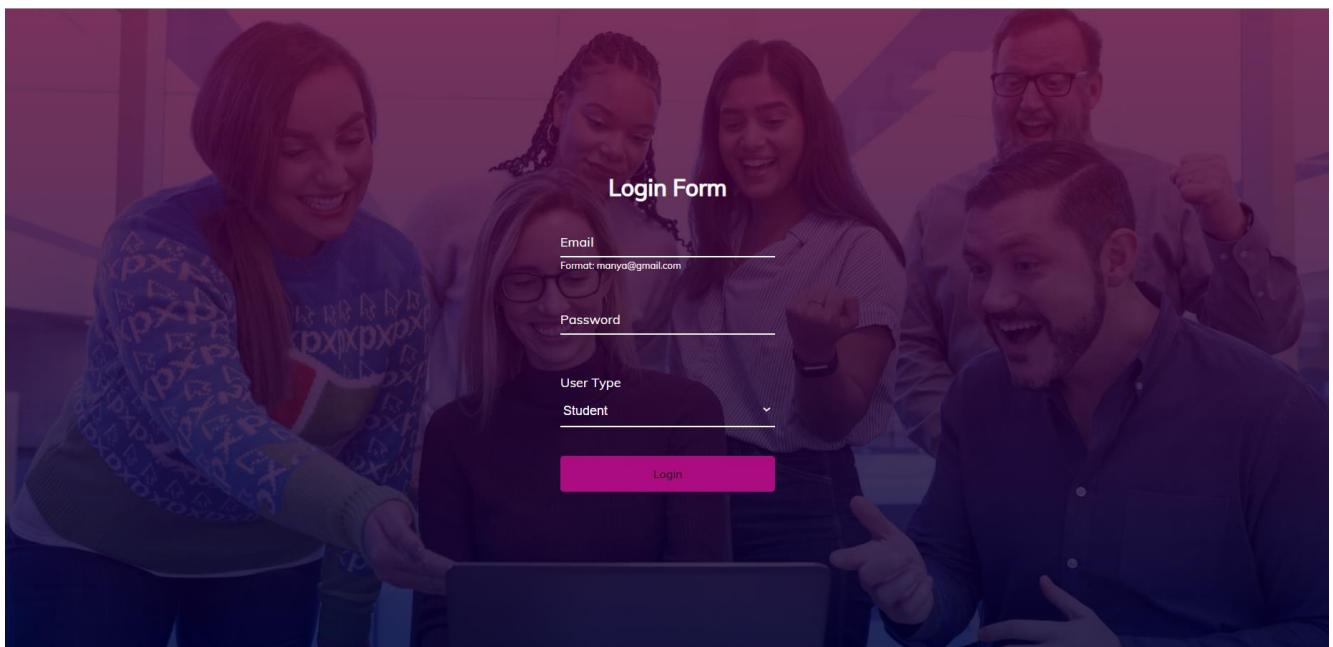


Fig.12.1 Login Form

In the case of wrong inputs or not registered user:

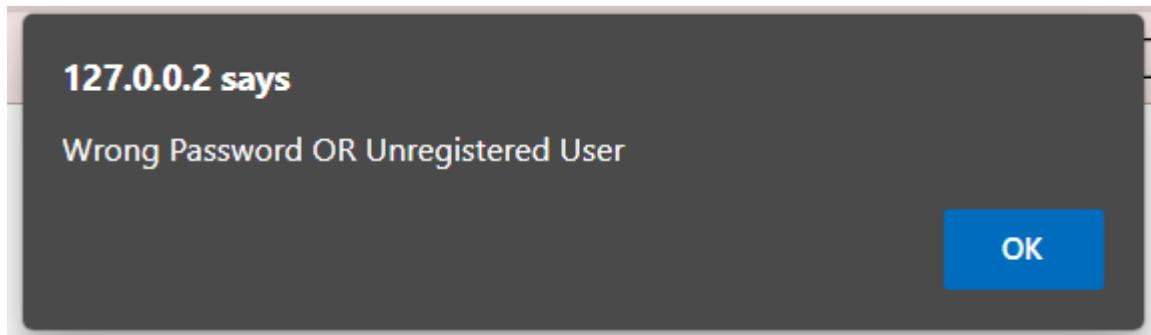


Fig.12.2 wrong credentials

In the case of Non filled field the error may occur like :

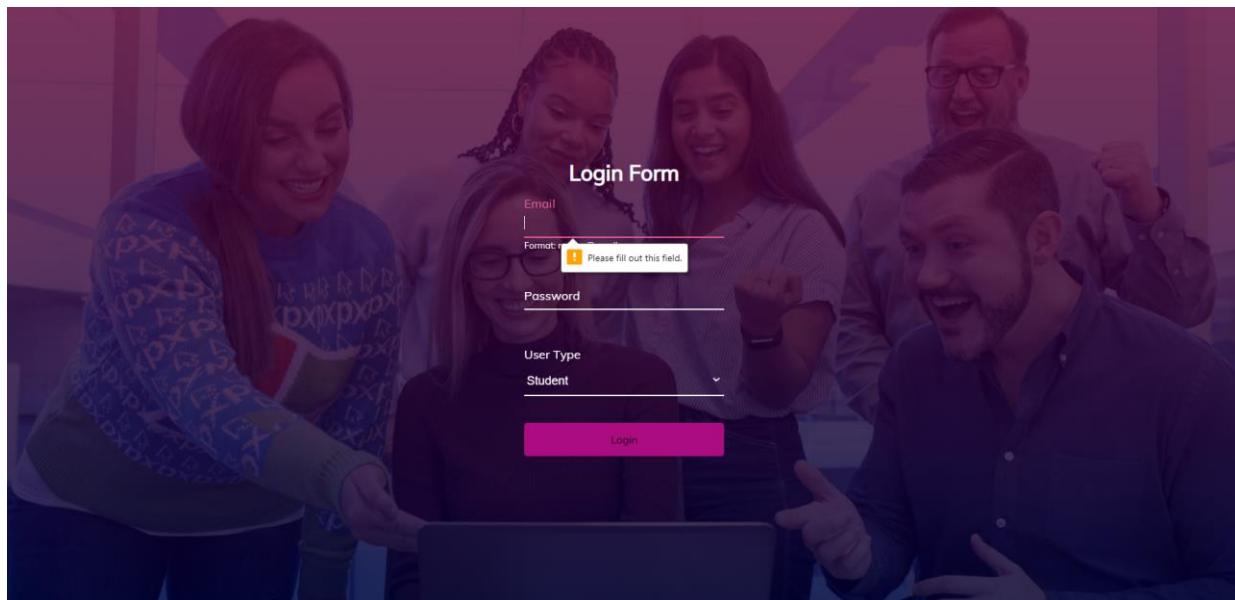


Fig.12.3 Empty field

For not matching the required format:

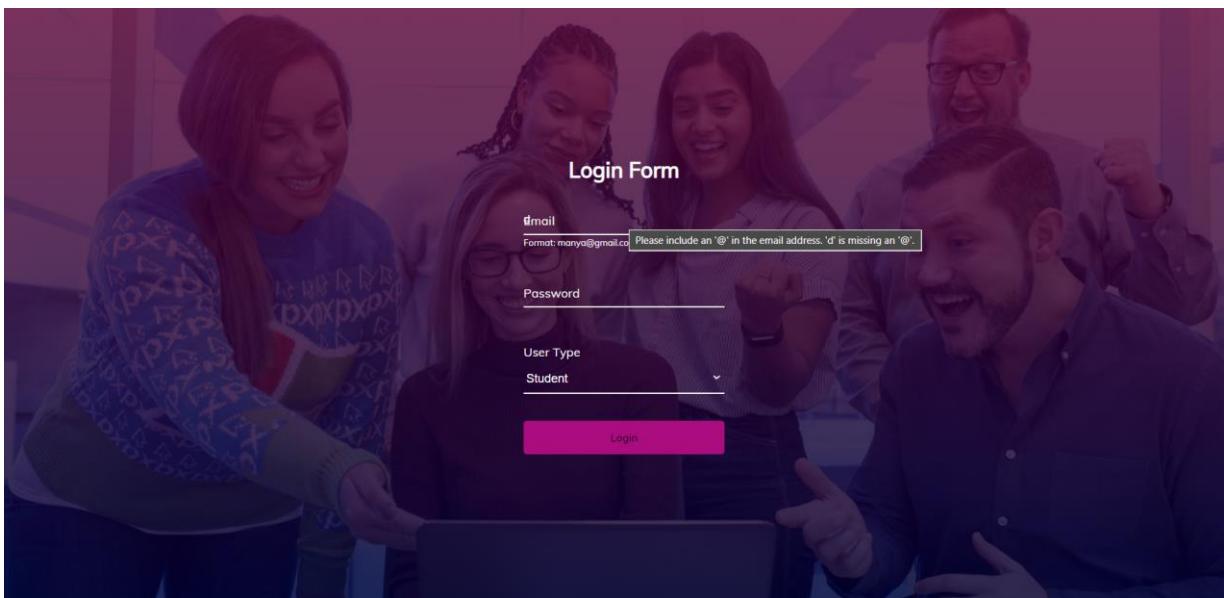


Fig.12.4 Required format not matched

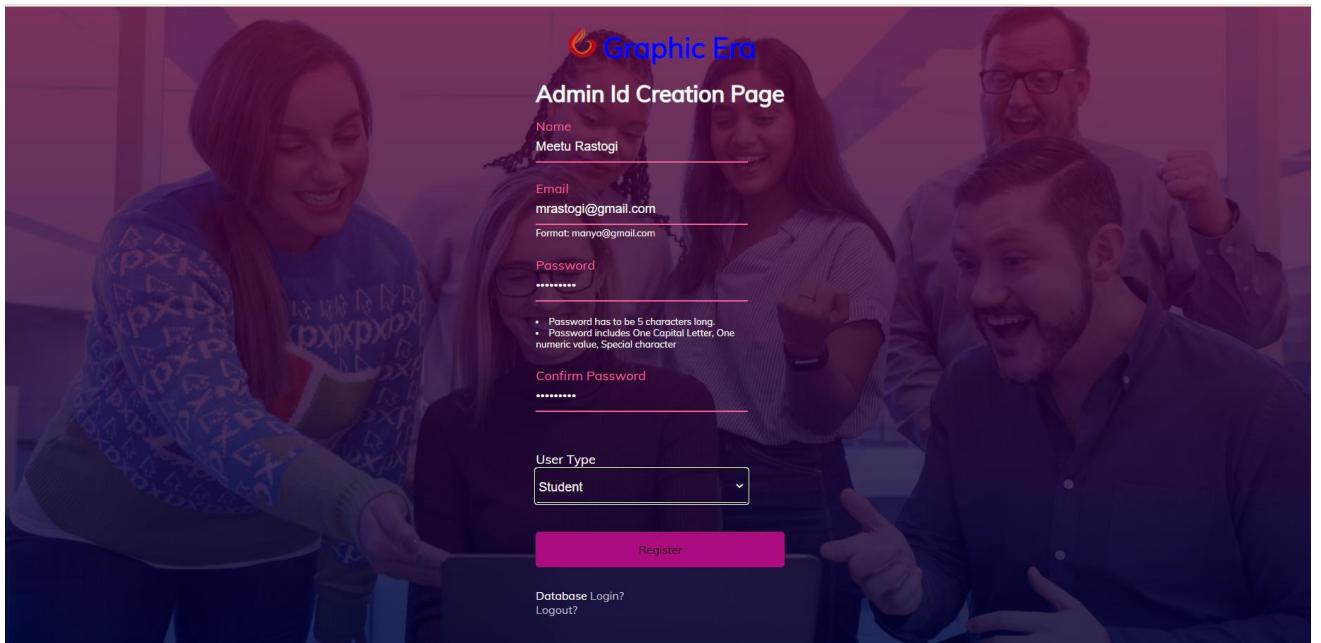
For Testing Form:

If any field does not match the required format then this kind of error will be generated.

 A screenshot of the "Admission Enquiry form" page. The header includes a logo, the title "Admission Enquiry form", and navigation links for "About", "Form", and "Logout".
 - On the left, there's a placeholder for a profile picture with a "Capture" button below it.
 - In the center, there's a circular profile picture of a person with glasses.
 - Below the profile picture, there are several input fields with validation messages:
 - "Candidate's First Name": "Sonakshi" (with a note "Enter alphabates only")
 - "Candidate's Last Name": "Agarwal" (with a note "Enter alphabates only")
 - "Father's Name": "Abishek" (with a note "Enter alphabates only")
 - "Father's Phone Number": "98979323433333" (with a note "Please match the requested format." and a tooltip "Format: manya@gmail.com")
 - "Candidate's Phone Number": "Enter proper phone number"
 - "Candidate's Email Address": "Candidate's Email Address" (with a note "Enter a valid Address")
 - At the bottom, there are "Address for Correspondence" and "Candidate's Phone Number" fields.

Fig.12.5 Form validation

For Administrative page:



Graphic Era
Admin Id Creation Page

Name
Meetu Rastogi

Email
mrastogi@gmail.com
Format: manya@gmail.com

Password

• Password has to be 5 characters long.
• Password includes One Capital Letter, One numeric value, Special character

Confirm Password

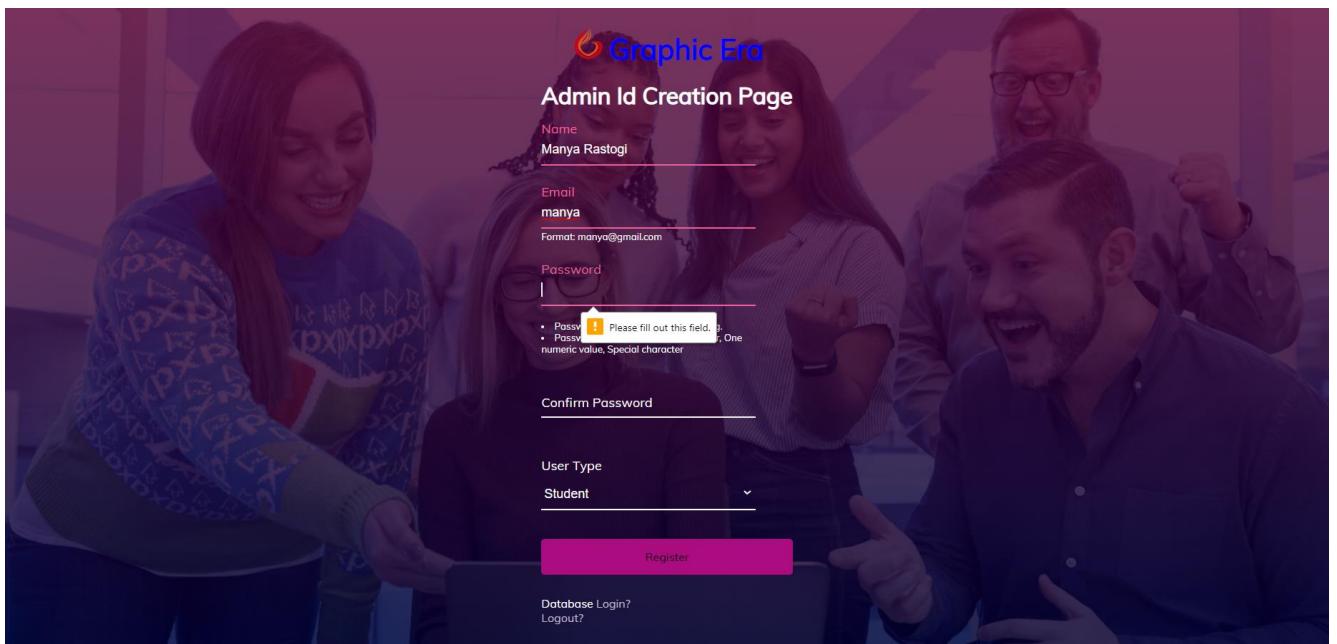
User Type
Student

Register

Database Login?
Logout?

This form is used for creating an administrative user account. It includes fields for Name, Email, Password, Confirm Password, User Type (set to Student), and registration buttons. A background image shows four people laughing and cheering.

Fig.12.6 Admin page entries



Graphic Era
Admin Id Creation Page

Name
Manya Rastogi

Email
manya
Format: manya@gmail.com

Password
|
• Password has to be 5 characters long.
• Password includes One Capital Letter, One numeric value, Special character

Confirm Password

User Type
Student

Register

Database Login?
Logout?

This form is used for creating an administrative user account. It includes fields for Name, Email, Password, Confirm Password, User Type (set to Student), and registration buttons. A background image shows four people laughing and cheering. An error message is displayed above the password field: "Password Please fill out this field".

Fig.12.7 Admin page empty error

For Viewing Database:



Graphic Era

Admission Enquiry Form

About Logout

Select User:

Candidate's Last Name:

Gender:

Father's Name: Father's Phone Number:

Father's Email Address: Address for Correspondence:

Candidate's Phone Number: Candidate's Email Address:

Fig.12.8 Counselor viewing data



Graphic Era

Admission Enquiry Form

About Logout

Select User:

Submit form:

Candidate's First Name: Candidate's Last Name:

Gender: Father's Name: Father's Phone Number:

Father's Email Address: Address for Correspondence:

Candidate's Phone Number: Candidate's Email Address:

Class 10th Exam Passed / Appearing Board / University Passing Year Percentage(%) Class 12th Exam Passed / Appearing
 Board / University Passing Year Percentage(%) Graduation Exam Passed / Appearing Board / University Passing Year
 Percentage(%) Other Exam Passed / Appearing Board / University Passing Year Percentage(%)

Subject of enquiry: Program you are interested in:
 Campus Choice:

Entrance Exam Appeared(CAT/MAT | JEE Mains):

Roll no: Score/Percentile:
 Status: How did you come to know about Graphic Era University?
 Only Query pm
 Any other Source:

Fig.12.9 Data displayed for Counselor

Chapter13: Creation of user profiles and access rights

In the Enquiry System, the admin has the authority to create new user IDs through the New ID Creation page. This page consists of fields such as name, email, two password fields for verification, and user type selection. The admin enters the necessary details, including the desired username and password, which is entered twice for verification. Additionally, the admin specifies the user type for the newly created ID.

Once the ID is successfully created, the user is provided with the unique ID, which they can use for logging in to the system. This login ID will be used to authenticate the user and grant them access to the Enquiry System.

By providing the necessary information and completing the ID creation process, users receive their respective login credentials, allowing them to securely access the Enquiry System.

First the Admin login to the page:

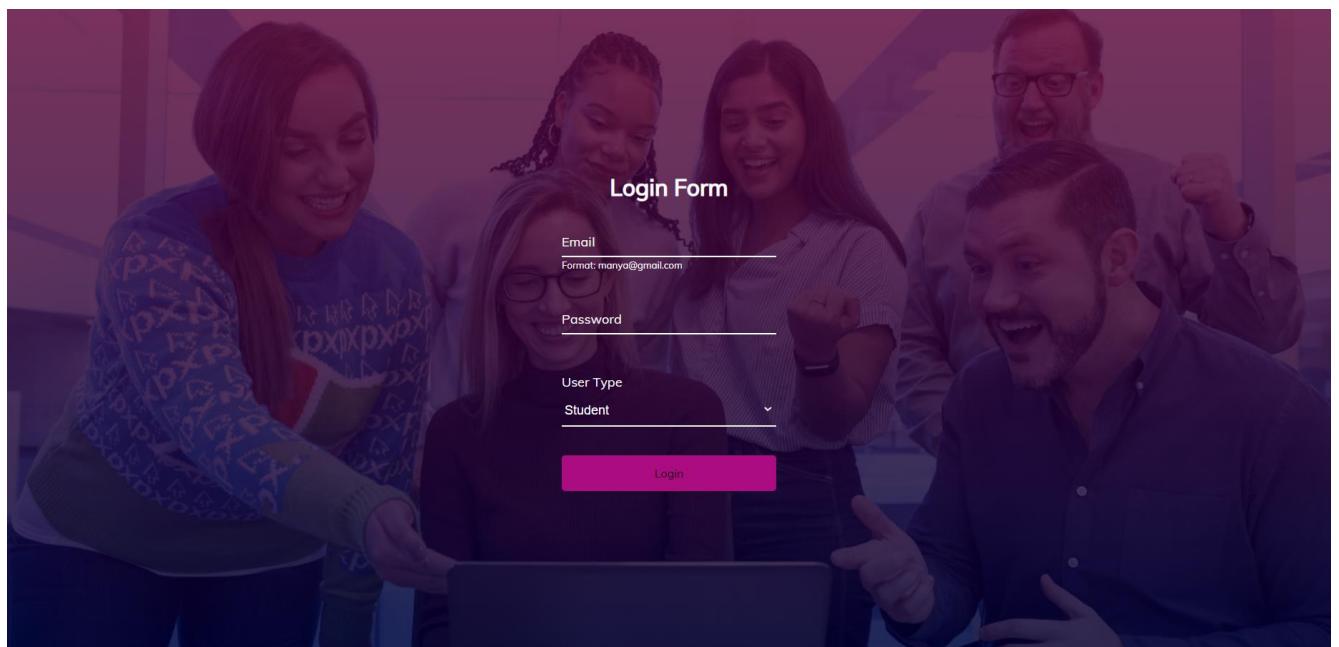


Fig.13.1 Login Form

Credentials used for login by admin:

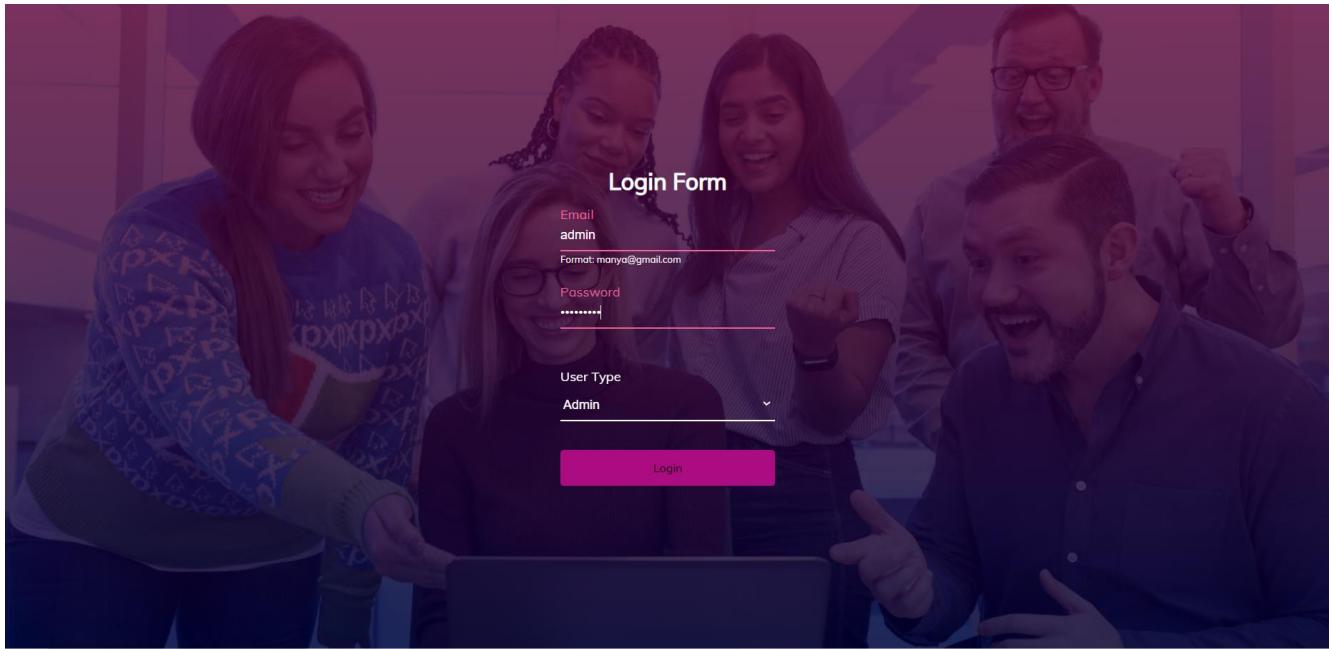


Fig.13.2 Enter Login credentials.

After login this page will appear for new ids creation. By simply filling the entries and specifying the user type.

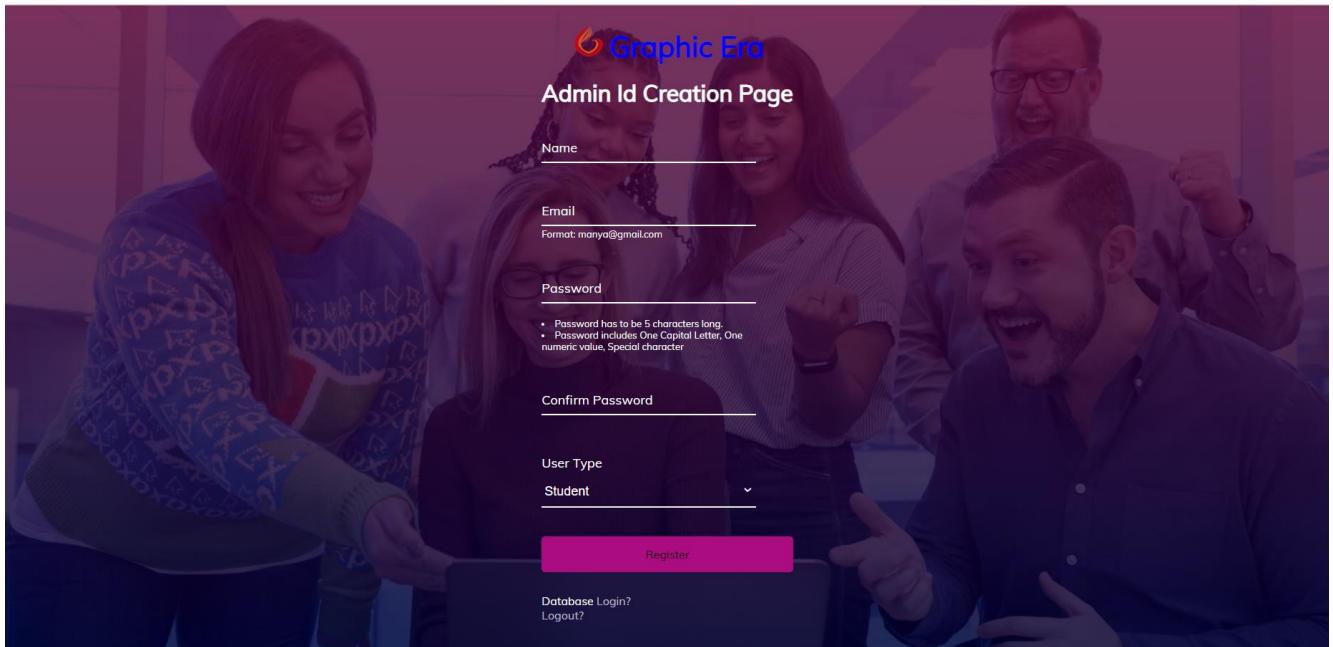


Fig.13.3 Admin page open

If Admin enters the used id again:

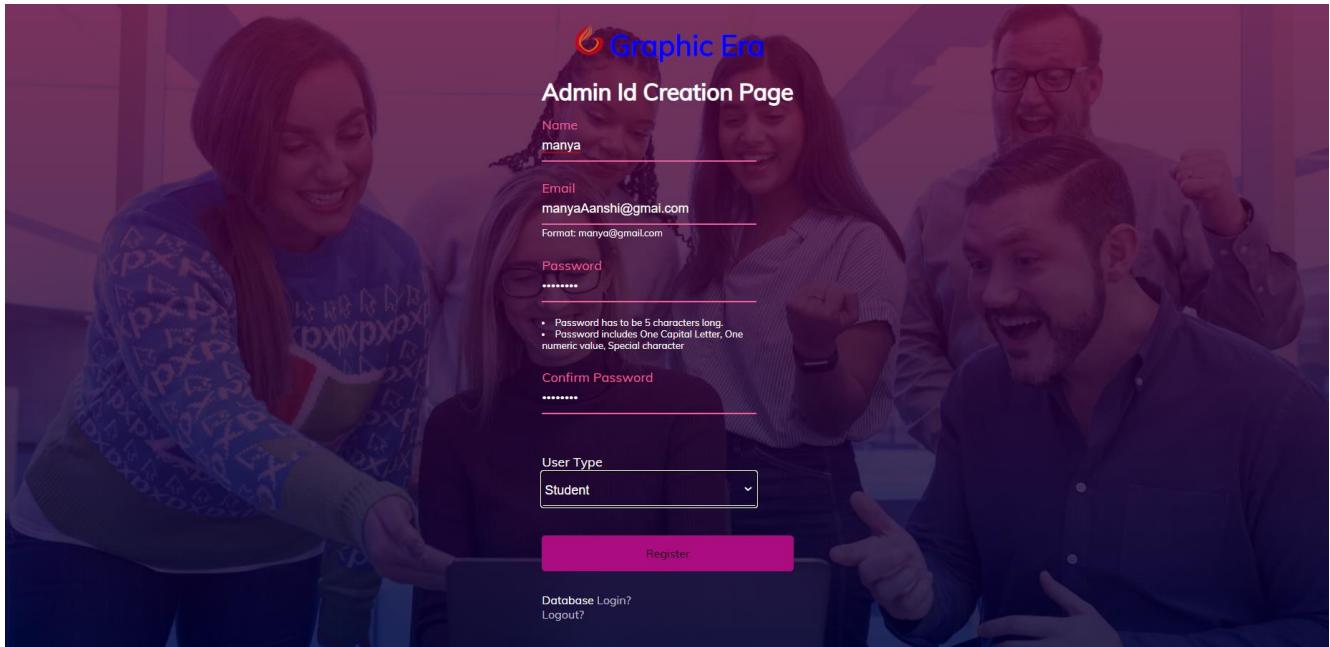


Fig.13.4 Used already present data

The following error will occurred.

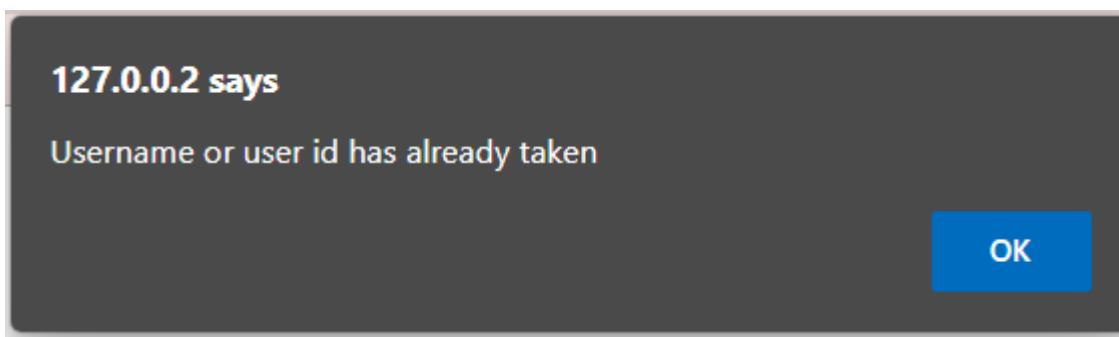


Fig.13.4 Used already present data

In case when the user does not match the password:

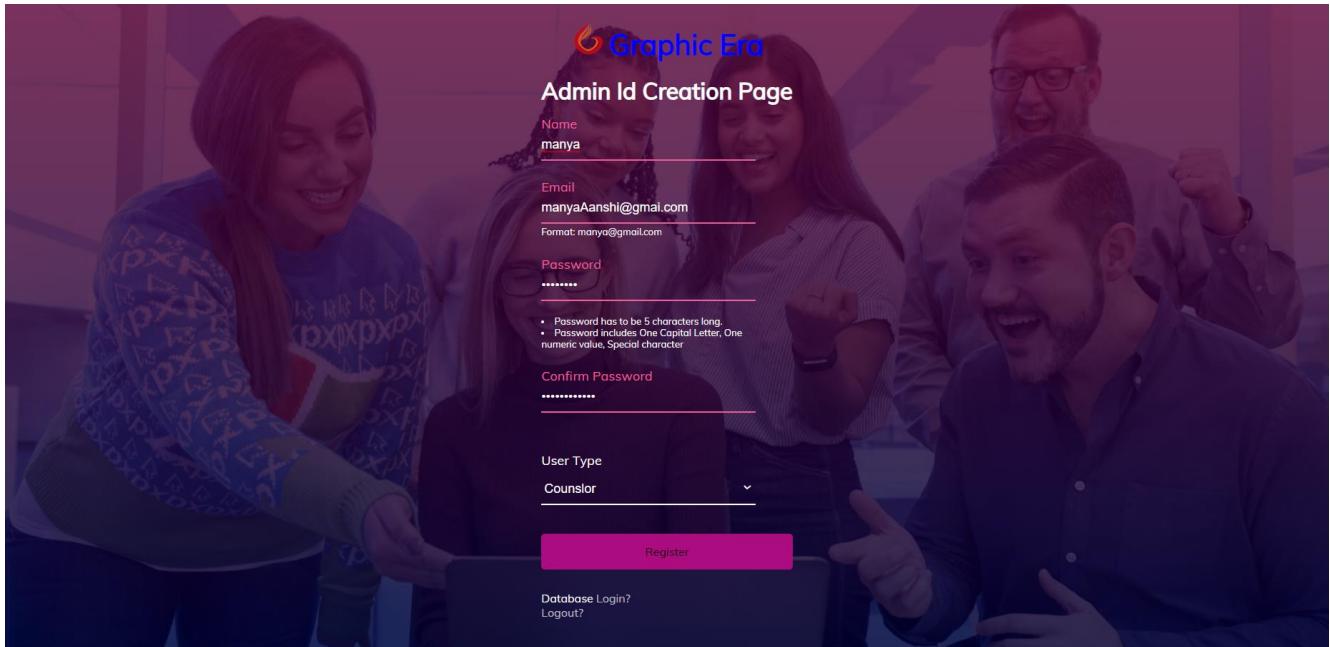


Fig.13.5 Password not matched

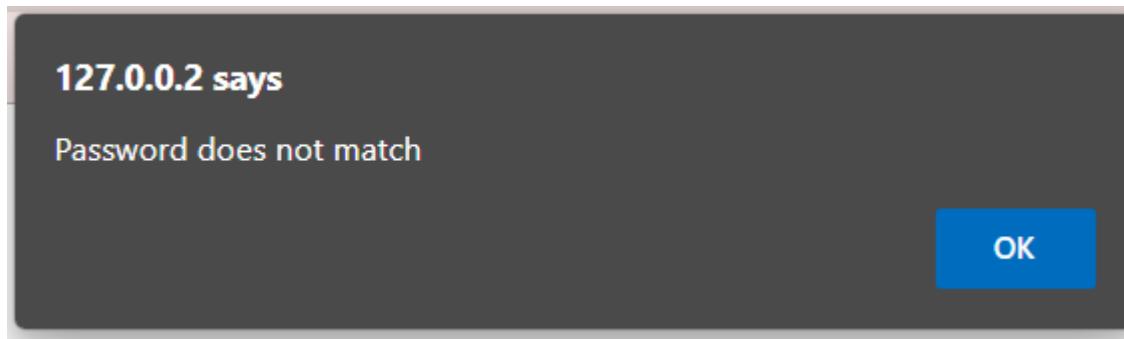
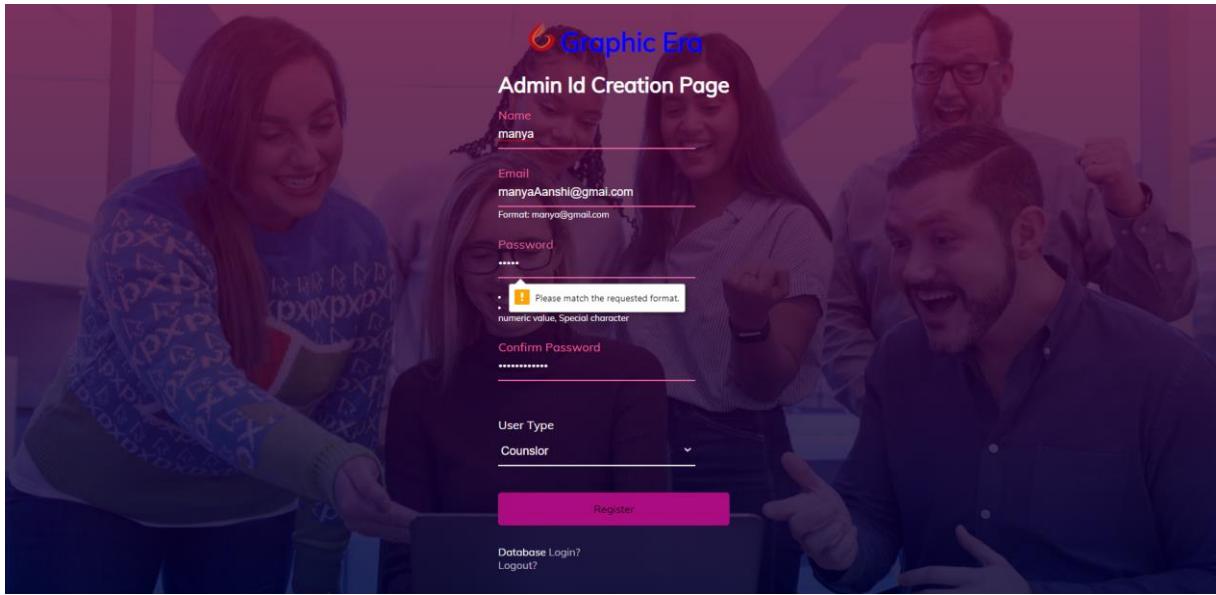


Fig.13.5 Password not matched

In case of password requirement not fulfilled:



The image shows a registration form titled "Admin Id Creation Page". The form fields include Name (manya), Email (manyaAanshi@gmail.com), Password (*****), and Confirm Password (*****). A dropdown for User Type is set to "Counselor". A red error message box displays the validation error: "Please match the requested format, numeric value, Special character". Below the form are links for Database Login? and Logout?

Graphic Era

Admin Id Creation Page

Name
manya

Email
manyaAanshi@gmail.com
Format: manya@gmail.com

Password

Confirm Password

User Type
Counselor

Register

Database Login?
Logout?

Fig.13.6 Password does not match pattern.

Chapter14: Cost estimation

Cost Estimate is the preliminary stage for any project, operation, or program wherein a reasonable calculation of all the project costs is done and, therefore, involves precise judgment, experience, and accuracy.

All the Cost estimation is not exactly accurate, all the amount of the services are the minimum charges charged by the service providers.

- -For launching purpose, we expected the \$10 amount.
- For hosting the website on the we use AWS, while utilizing the Aws servers there are multiple service exist in the current running scenario. The total cost of all the service minimum charge \$5 per month
- -For the internet connection we are taking a round of \$1.5

For accessing our web application, the charges are very cheap with the good quality of the product.

Quotation

1Month	3Month	6Month	1 Year
\$10	\$29=\$9.6 Per month	\$55=\$9.1 Per month	\$100=\$8.3 Per month

Fig.14.1 Basic Charges

Represent the basic minimal changes for accessing the Enquiry model can opt the plans as per their needs and their uses.

Chapter15: Reports

The final display of whole project is displayed here with the help of screenshot.

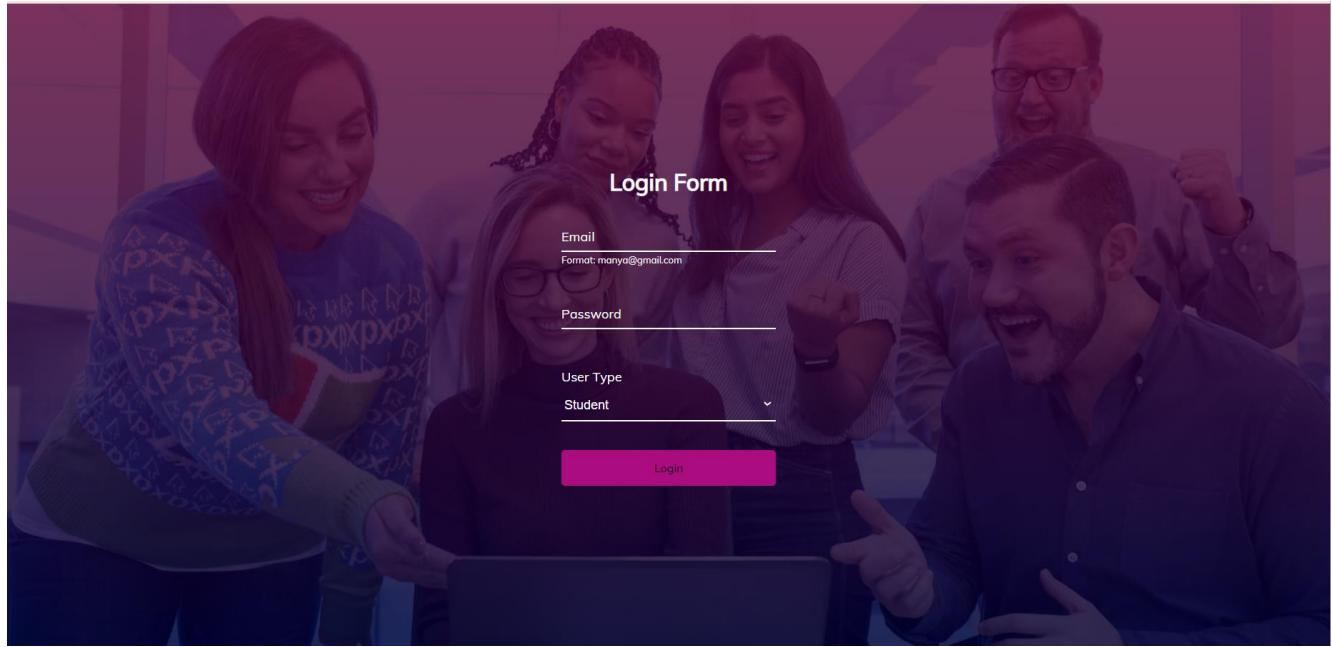


FIG.15.1 Login Page

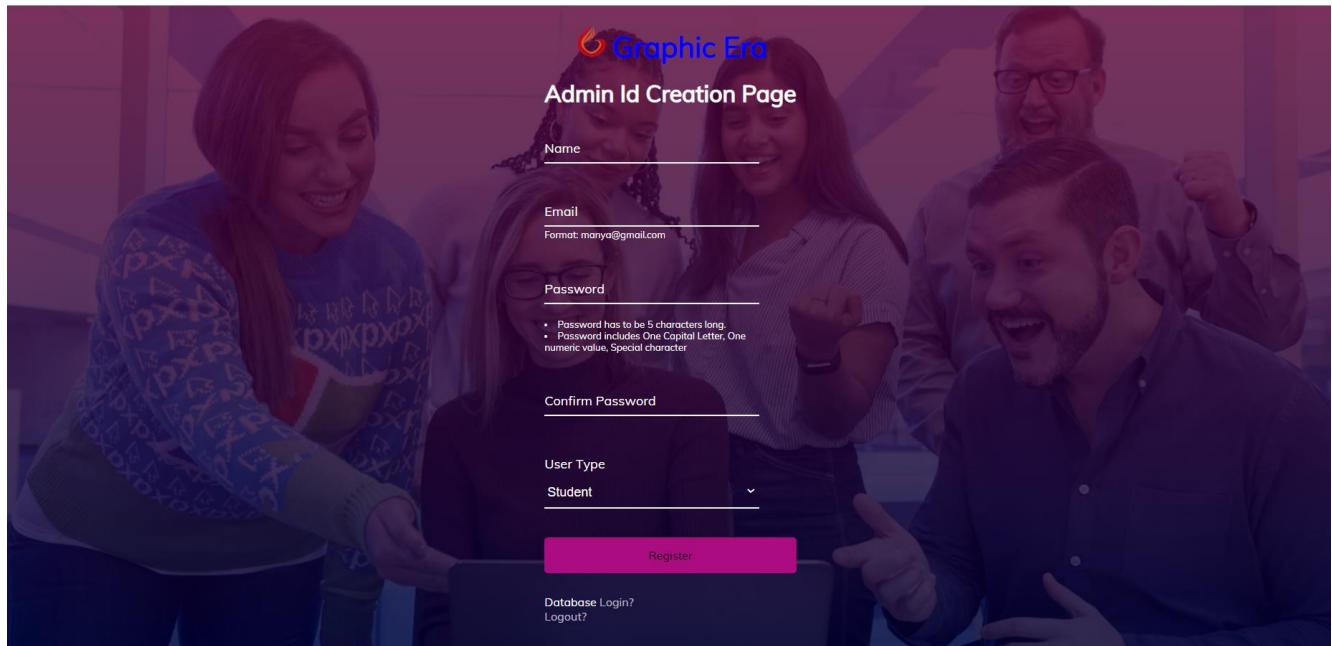


FIG.15.2 Admin Registration Page

This page shows the error when the fields are not entered.

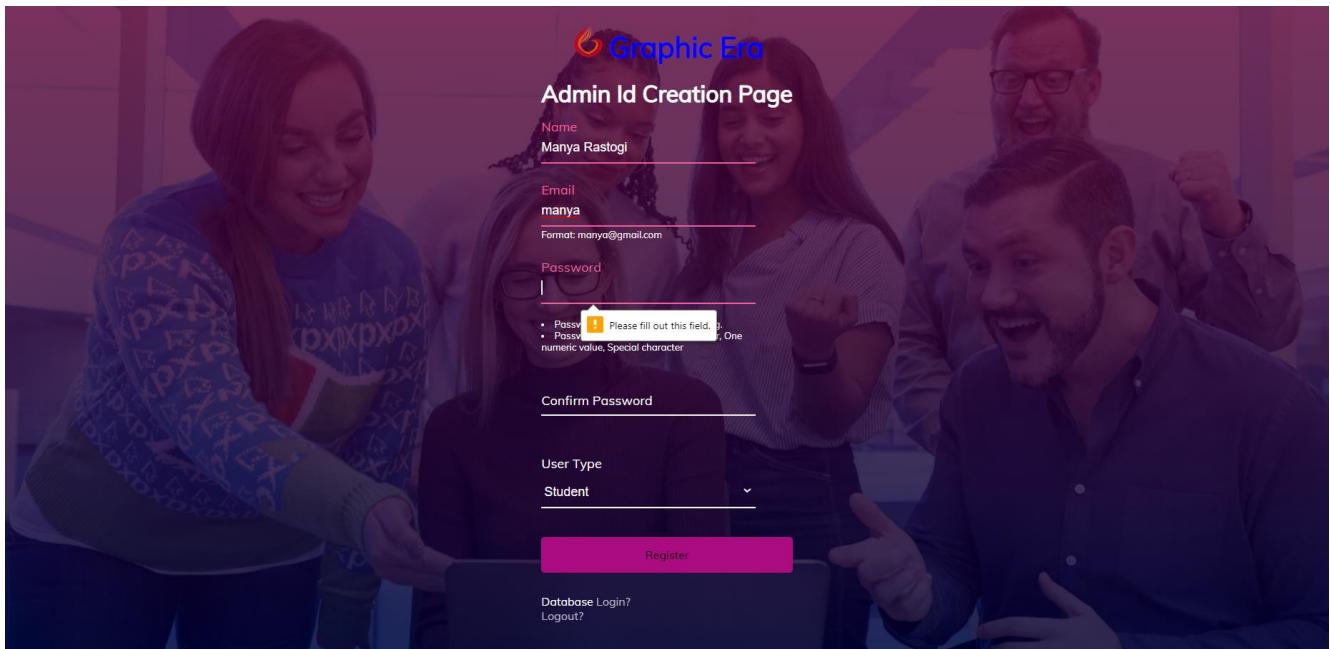


FIG.15.3 Empty field error

When the user is not found in the database and error occurred.

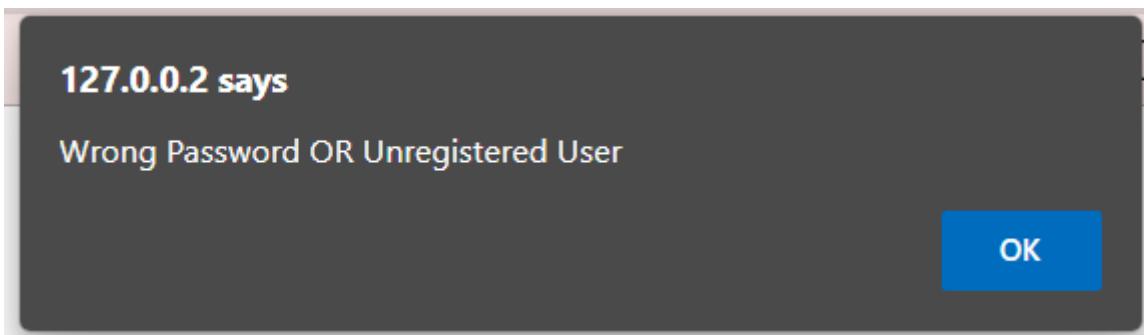


FIG.15.4 Not registered error


Graphic Era

Amission Enquiry form
[About](#)
[Form](#)
[Logout](#)




Candidate's First Name: Candidate's Last Name:
Enter alphabets only Enter alphabets only

Gender: Male Female Father's Name: Father's Phone Number: Father's Email Address:
Enter alphabets only Enter proper phone number Format: manya@gmail.com

Address for Correspondence: Candidate's Phone Number:
Enter a valid Address Enter proper phone number

Candidate's Email Address: Format: manya@gmail.com

Class	Exam Passed / Appearing	Board / University	Passing Year	Percentage(%)
10th	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
12th	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Graduation	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Others	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Subject of enquiry:

Campus Choice:

- GEU Dehradun
- GEHU Dehradun
- GEHU Haldwani
- GEHU Bhimtal

Entrance Exam Appeared(CAT/MAT | JEE Mains):

Roll no: Score/Percentile:

Purpose:

How did you come to know about Graphic Era University?

- Digital Media
- Print Media
- Electronic Media

Any other Source:

(Please specify)

Program you are interested in:

Select Course

FIG.15.5 Enquiry Form

When the fields does not match the required format

The screenshot shows a user profile page with a placeholder for a profile picture and a circular placeholder for a candidate's photo. Below the photo is a 'Capture' button. The form fields include:

- Candidate's First Name: Sonakshi
- Candidate's Last Name: Agarwal
- Gender: Female (radio button selected)
- Father's Name: Abishek
- Father's Phone Number: 98979323433333 (highlighted in blue)
- Father's Email Address: manya@gmail.com
- Address for Correspondence: Enter a valid Address
- Candidate's Phone Number: Enter proper phone number
- Candidate's Email Address: (empty field)

A validation message 'Please match the requested format.' is displayed next to the highlighted phone number field.

FIG.15.6 Required format Error

The screenshot shows a long-form input section with various fields:

- Select User: (dropdown menu)
- Submit form: (button)
- Candidate's First Name: (text input)
- Candidate's Last Name: (text input)
- Gender: (text input)
- Father's Name: (text input)
- Father's Phone Number: (text input)
- Father's Email Address: (text input)
- Address for Correspondence: (text input)
- Candidate's Phone Number: (text input)
- Candidate's Email Address: (text input)
- Class 10th Exam Passed / Appearing: (text input)
- Board / University: (text input)
- Passing Year: (text input)
- Percentage(%): (text input)
- Class 12th Exam Passed / Appearing: (text input)
- Board / University: (text input)
- Passing Year: (text input)
- Percentage(%): (text input)
- Other Exam Passed / Appearing: (text input)
- Board / University: (text input)
- Passing Year: (text input)
- Percentage(%): (text input)
- Subject of enquiry: (text input)
- Program you are interested in: (text input)
- Campus Choice: (text input)
- Entrance Exam Appeared(CAT/MAT | JEE Mains): (text input)
- Roll no.: (text input)
- Score/Percentile: (text input)
- Status: (text input)
- How did you come to know about Graphic Era University?: (text input)
- Any other Source: (text input)

FIG.15.7 Admin database



Admission Enquiry form

About

Form

Logout

Enter Token Number

Enter the provided token

Candidate's First Name:

Candidate's Last Name:

Gender:

Father's Name:

Father's Phone Number:

Father's Email Address

Address for Correspondence:

Candidate's Phone Number:

Candidate's Email Address

Class 10th Exam Passed / Appearing

Board / University

Passing Year

Percentage(%)

Class 12th Exam Passed / Appearing

Board / University

Passing Year

Percentage(%)

Graduation Exam Passed / Appearing

Board / University

Passing Year

Percentage(%)

Other Exam Passed / Appearing

Board / University

Passing Year

Percentage(%)

Subject of enquiry

Program you are interested in:

Campus Choice:

Entrance Exam Appeared(CAT/MAT | JEE Mains):

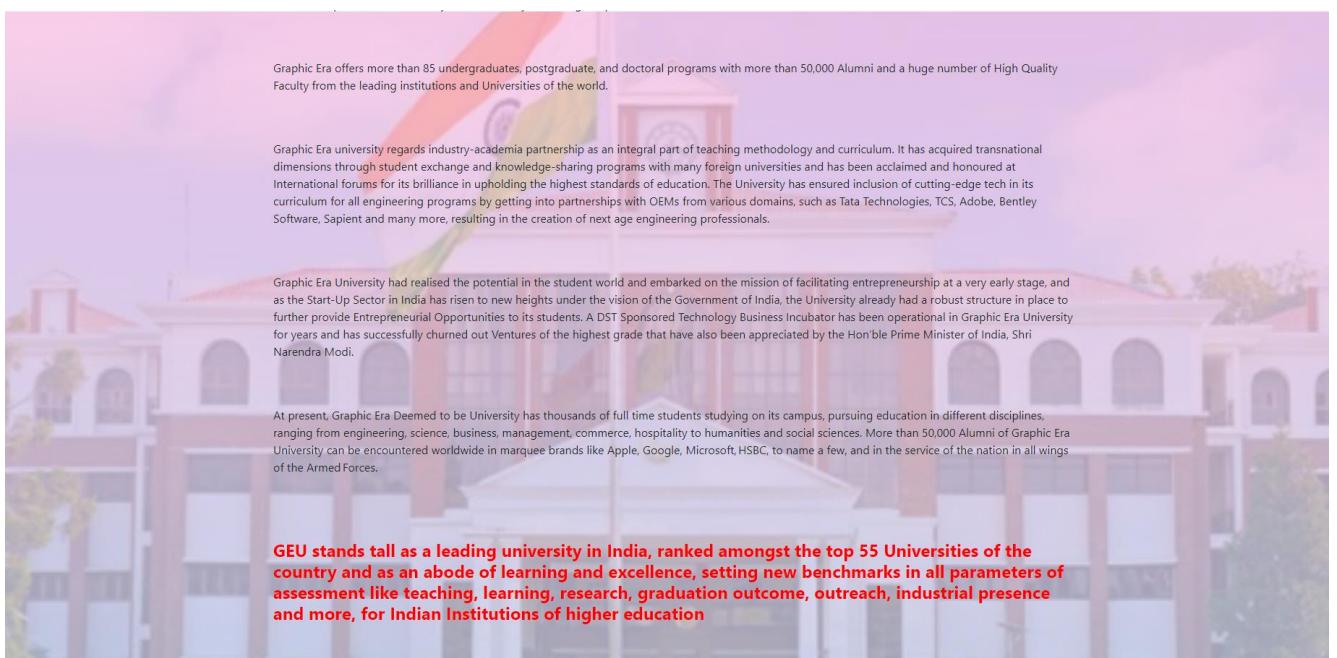
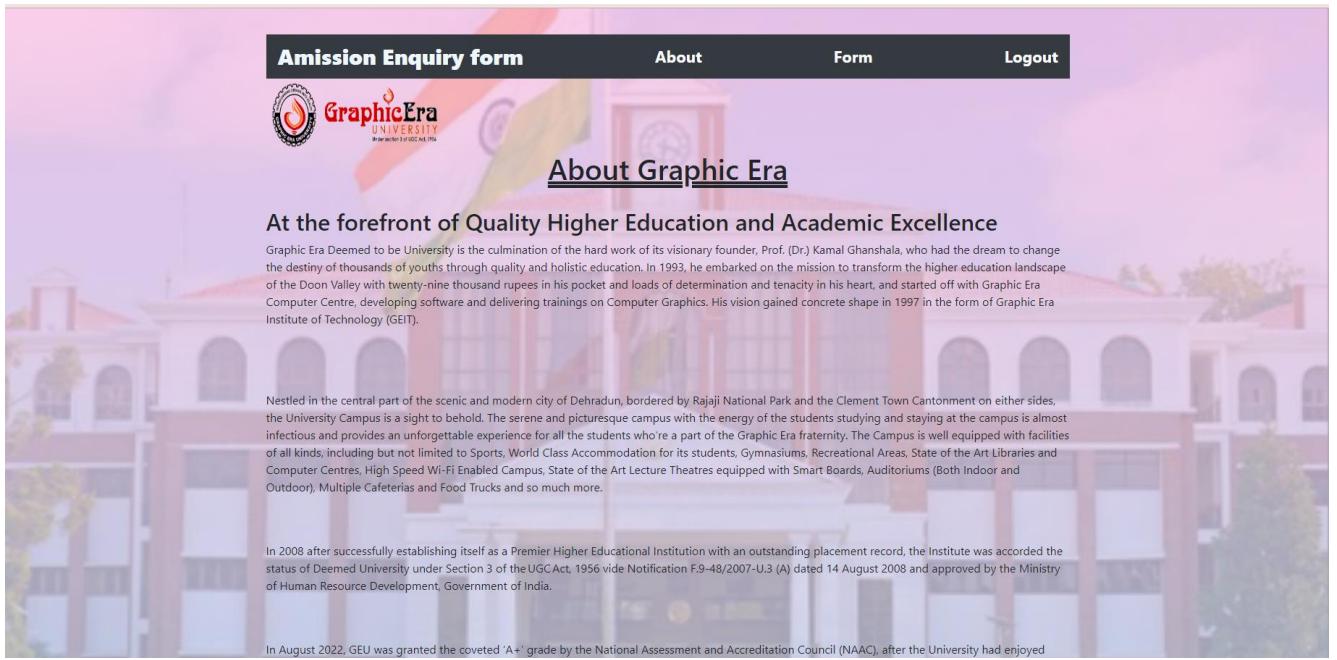
Roll no:

Score/Percentile:

Status:

How did you come to know about Graphic Era University?

Any other Source:

FIG.15.8 Counselor page**FIG.15.9 About Page**

Chapter16: Future Scope

The Graphic Era Admission Enquiry system has potential for future enhancements in various aspects, such as:

1. **User-Friendly Interface:** The system can be further improved to enhance user-friendliness, ensuring a seamless and intuitive experience for students, counselors, and administrators. Efforts can be made to simplify the navigation, streamline the admission process, and provide clear instructions and guidance throughout.
2. **Expanded Functionality:** In addition to the core features, the system can be enhanced to cater to additional requirements specific to the admission process at Graphic Era. This may include incorporating features for document submission, fee payment, document tracking, and personalized notifications.
3. **Performance Optimization:** Continuous optimization of the system's performance can be pursued to ensure efficient and speedy processing of admission inquiries. This includes minimizing response times, optimizing database queries, and improving overall system responsiveness to handle increasing user loads.
4. **Integration with External Systems:** The system can be integrated with other systems or platforms used in the admission process, such as student information systems, payment gateways, or communication tools. This integration can facilitate seamless data exchange, enhance data accuracy, and improve overall process efficiency.
5. **Enhanced Reporting and Analytics:** Future enhancements can focus on providing comprehensive reporting and analytics features, enabling administrators to gain insights into admission trends, conversion rates, and other relevant metrics. This information can aid in decision-making and strategic planning for the admission process.

Chapter17: Conclusion

In conclusion, the Graphic Era Admission Enquiry system is a valuable and efficient platform designed to streamline the admission process at Graphic Era University. It offers a user-friendly interface, allowing students, counselors, and administrators to easily navigate through the system and access the necessary information. The system provides essential features such as inquiry submission, personalized notifications, and document tracking, ensuring a seamless and convenient experience for all users.

Furthermore, the system has the potential for future enhancements to meet evolving needs. These enhancements may include improvements in performance optimization, integration with external systems, and the incorporation of handwriting recognition capabilities. By continuously refining and expanding the system's functionality, Graphic Era can enhance its admission process, improve efficiency, and provide valuable insights through reporting and analytics features.

Overall, the Graphic Era Admission Enquiry system is a valuable asset for the university, enabling efficient management of admission inquiries and contributing to a smoother and more streamlined admission process for students and administrators alike.

Chapter 18: Reference

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