

BANNARI AMMAN INSTITUTE OF TECHNOLOGY

SELF - INTENSIVE TRAINING - STAGE 1

NAME: JANANY I

ROLL NO: 7376222CT119

SEAT NO: 83

STACK ALLOCATED: MERN STACK

PROJECT ID: 03

MODULE NAME: PLACEMENT RECORD

TECHNICAL COMPONENTS:

COMPONENT	TECH - STACK
Frontend	React
Backend	Node JS
Database	MongoDB (No SQL)
API	Open API

PROBLEM STATEMENT:

A centralized forum for students to upload their internship offer letter and Job offer letter.

PURPOSE:

In an educational institution, students must often provide documentation of their internship and job offers. These records usually consist of letters of intent, offer letters for internships, mail confirmations, and offer letters. It can be not easy to effectively manage these documents and guarantee their legitimacy,

- **Lack of Centralization:** Documents may be scattered across various platforms and locations making it difficult to manage and access them efficiently.

- **Authentication Issues:** Ensuring the authenticity of documents become challenging when the documents are scattered across multiple platforms which leads to potential fraud or misrepresentation.
- **Difficulty in Tracking:** Coordinators and Administrators may find it difficult to track the status of each student's documentation in a decentralized system leading to inefficiencies.

SCOPE:

- This system software allows students to seamlessly upload their internship and job offer documents while incorporating necessary form fields for details such as mail confirmation, internship offer letter, letter of intent, and offer letter. Ensuring responsiveness across various devices and browsers is paramount for an optimal user experience.
- Authentication and authorization mechanisms will be implemented to safeguard user accounts and restrict access to authorized personnel only, including students, administrators, and coordinators.
- The establishment of a verification and approval process orchestrated by administrators ensures the authenticity and compliance of submitted documents. This process will be accompanied by notification features to keep users informed of their submission statuses and facilitate communication between administrators and students, if necessary.
- Coordinators are provided with the ability to view and download approved documents in Excel and PDF formats. Implementation of filtering and search functionalities to facilitate the easy retrieval of documents as per requirements
- Central to the platform is the development of a robust document management system that facilitates secure uploads of internship and job offer documents while enforcing file validation and storage protocols to maintain data integrity and confidentiality.

SYSTEM OVERVIEW:

USERS:

STUDENT:

- With the given username and password, students can register and create a new account.
- They can use their login credentials to access the system after registering.
- Users have the ability to edit their user profiles, which includes personal data in the student dashboard.
- Students can attach proof of their job offer, such as an offer letter, internship offer letter, letter of intent, or email confirmation.
- Before administrators approve their document submissions, students have the option to amend or remove them.
- Students can track the status of the papers they have submitted, follow the development of their submissions, and get notified when the approval status changes.

ADMIN:

- To access administrative features, administrators need only provide their login and password to log in to the system.
- A list of pending document submissions that are awaiting approval review is visible to administrators.
- To make sure the documents comply with the submission standards, they might evaluate the documents' validity, completeness, and accuracy.
- Administrators have the authority to accept or reject document submissions based on their review.
- Administrators can view the complete submission history of all users or the submission history of specific pupils.
- Administrators also can handle user accounts, which includes making new ones, changing passwords, and cancelling accounts when needed.

CO-ORDINATOR:

- Coordinators can access features exclusive to them by logging into the system with their username and password.
- Coordinators have access to statistical information about document approvals, submissions, and other pertinent metrics.
- A list of student submissions that have been approved is available to coordinators.
- Coordinators can examine and download approved documents in PDF and Excel formats for additional processing or analysis.
- Users can select individual papers or apply filters based on parameters like student name, location, or document type.

FEATURES:

User Authentication and Authorization:

- Secure login and registration system for users, administrators, and coordinators.
- Role-based access control to ensure appropriate access levels for different user roles.

Document Submission and Management:

- Ability for students to upload job offer documents in categorization based on types (e.g., internship offer letter, job offer letter).
- Submission status tracking for students, including pending, approved, and rejected submissions.
- Document review and approval/rejection workflow for administrators.

Document Download and Reporting:

- Capability for coordinators to download approved documents in various formats (e.g., Excel, PDF).
- Generation of reports and statistics based on document submissions, approvals, and other relevant metrics.
- Filtering and visualization options for analyzing document data and generating insights.

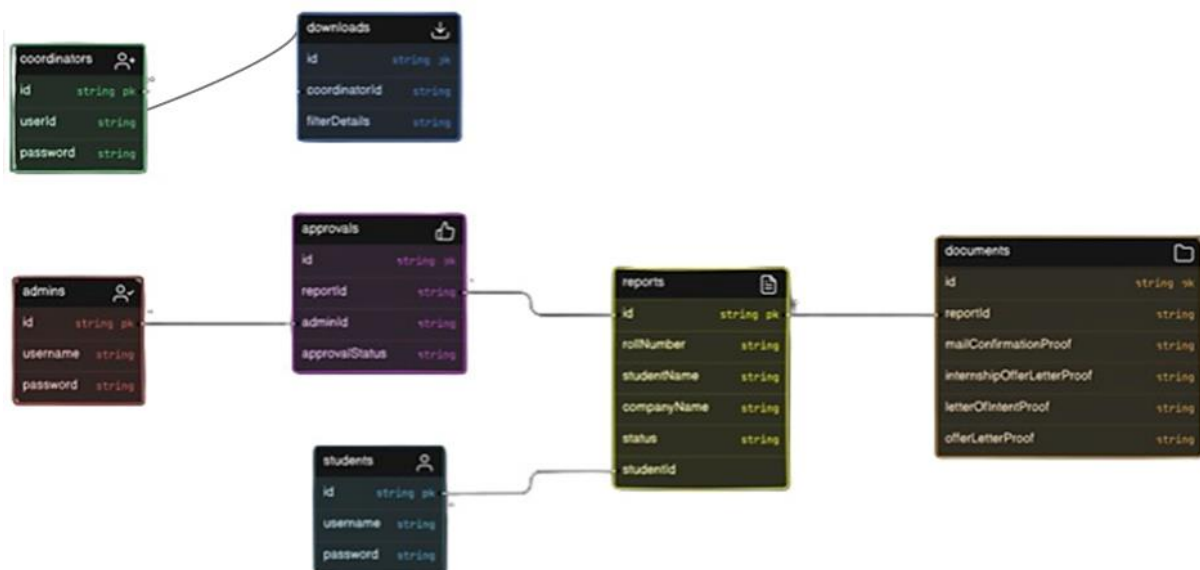
Administrative Tools:

- Administrative dashboard for managing document submissions, user accounts, and system configurations.
- Access to submission history, user activity logs, and other administrative functionalities.

Data Security and Privacy:

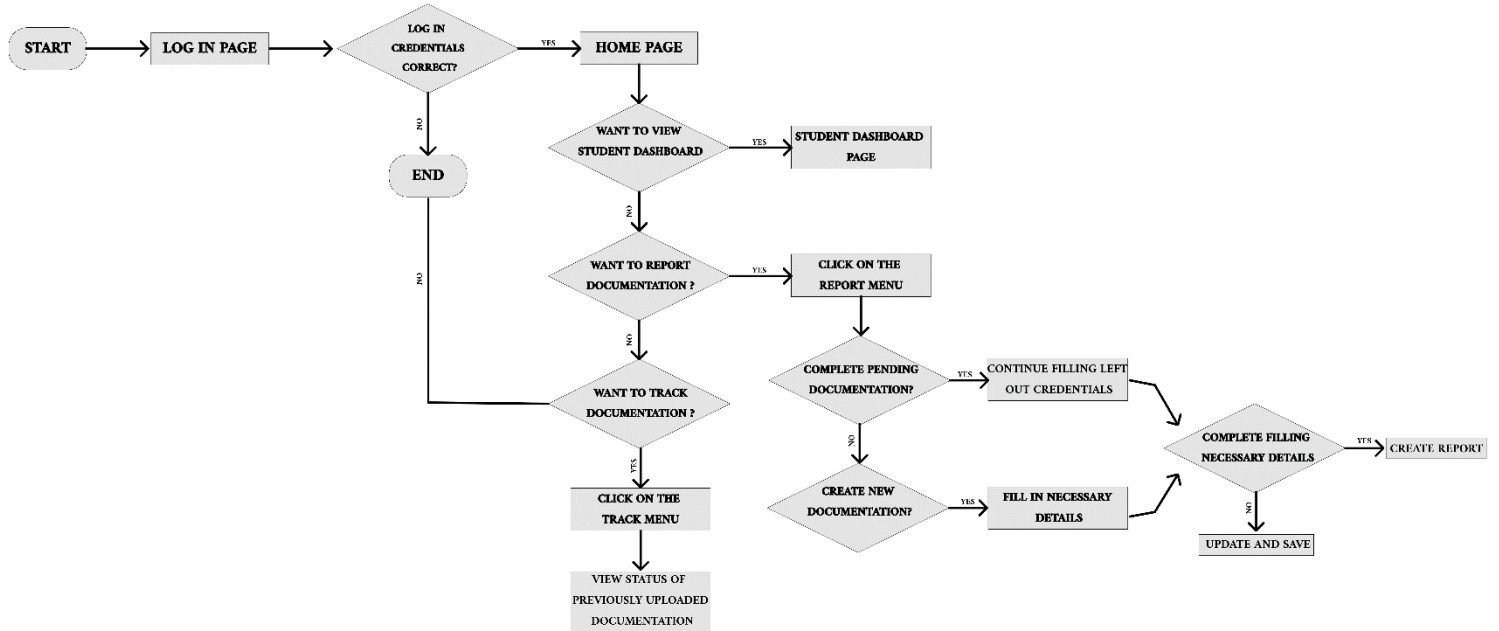
- Implementation of data encryption and security measures to protect user information and document data.
- Compliance with data privacy regulations and standards to ensure confidentiality and integrity of user data.

ER DIAGRAM:

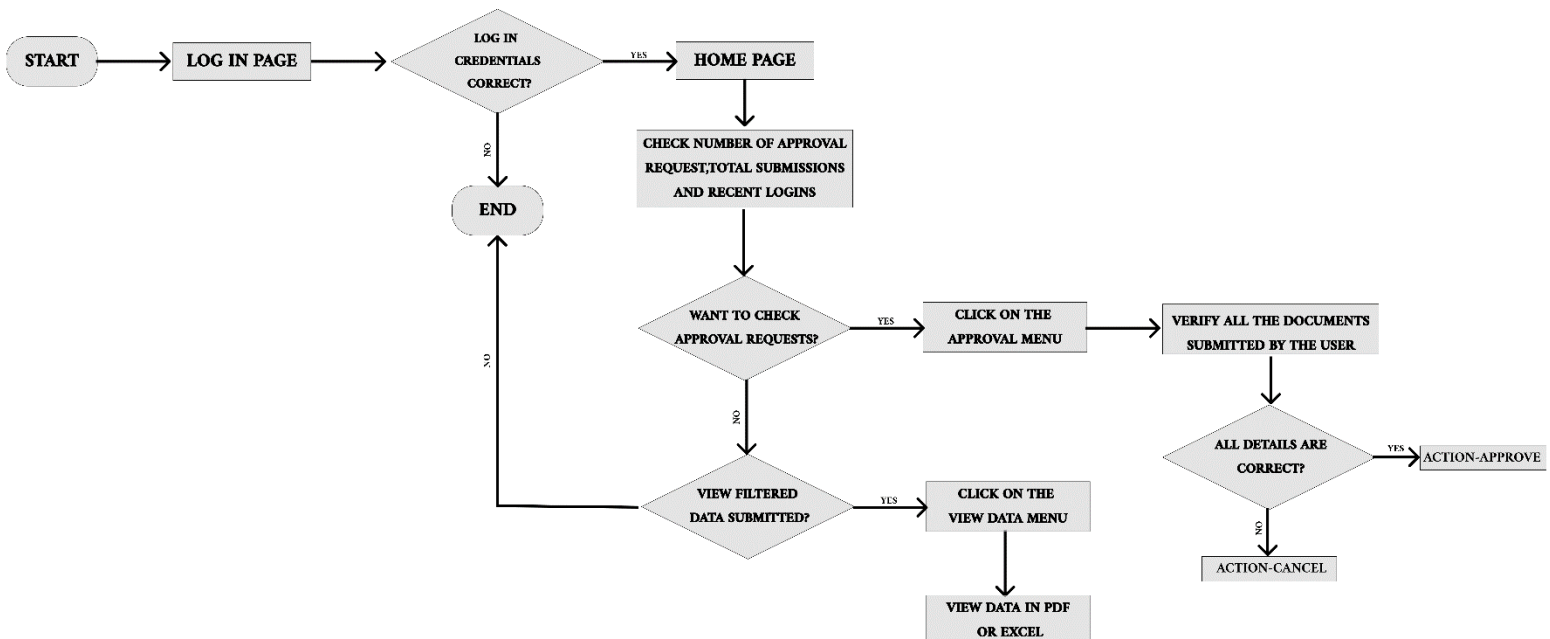


FLOW CHART:

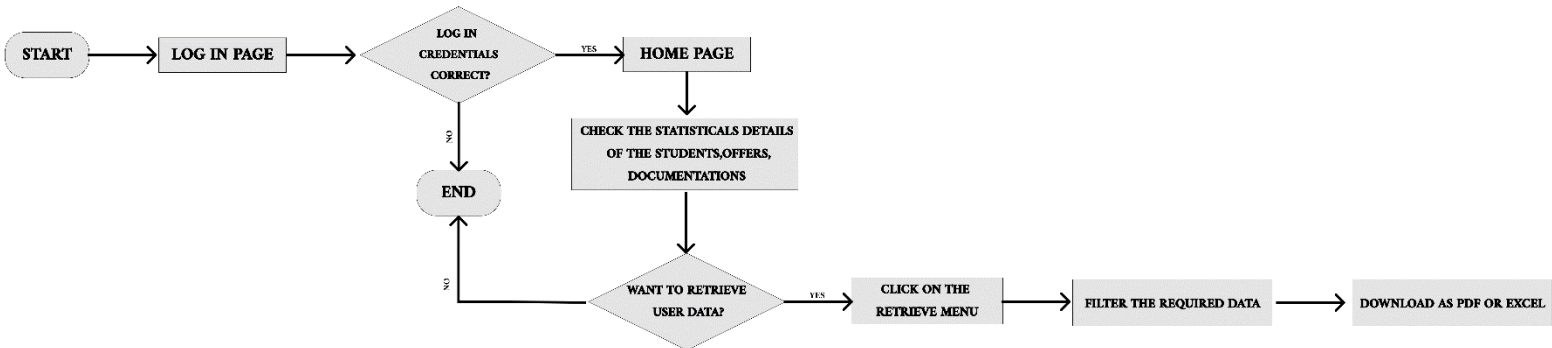
STUDENT'S INTERFACE



ADMIN'S INTERFACE



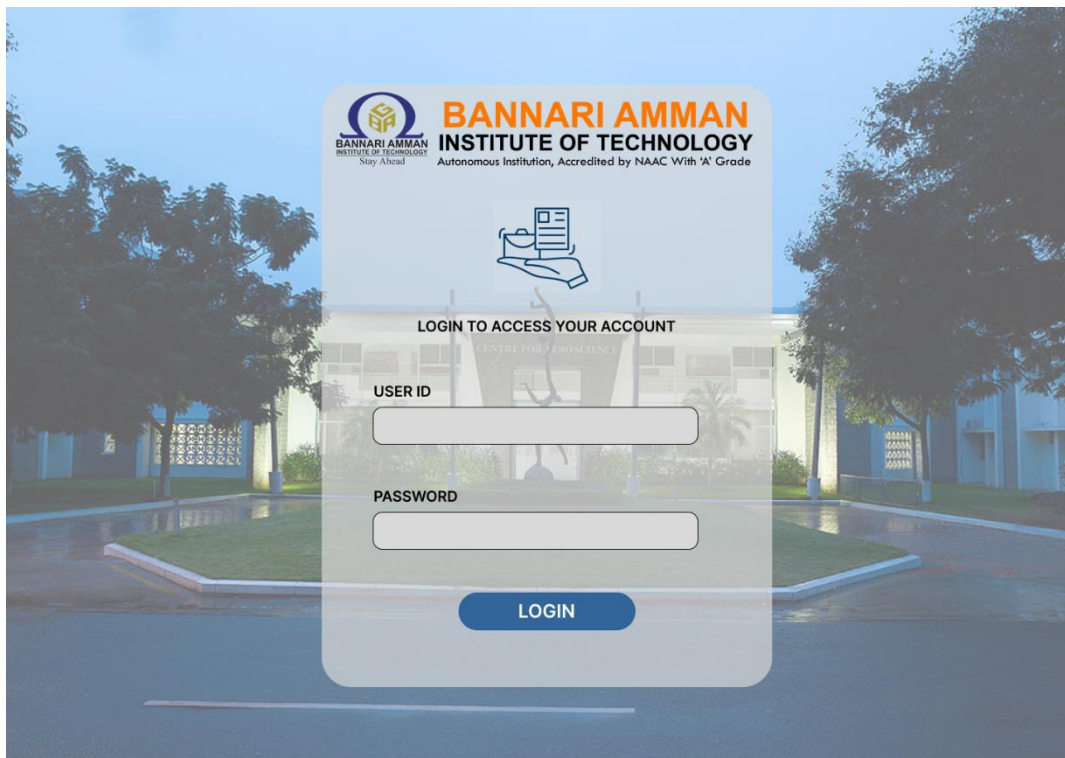
CO-ORDINATOR'S INTERFACE



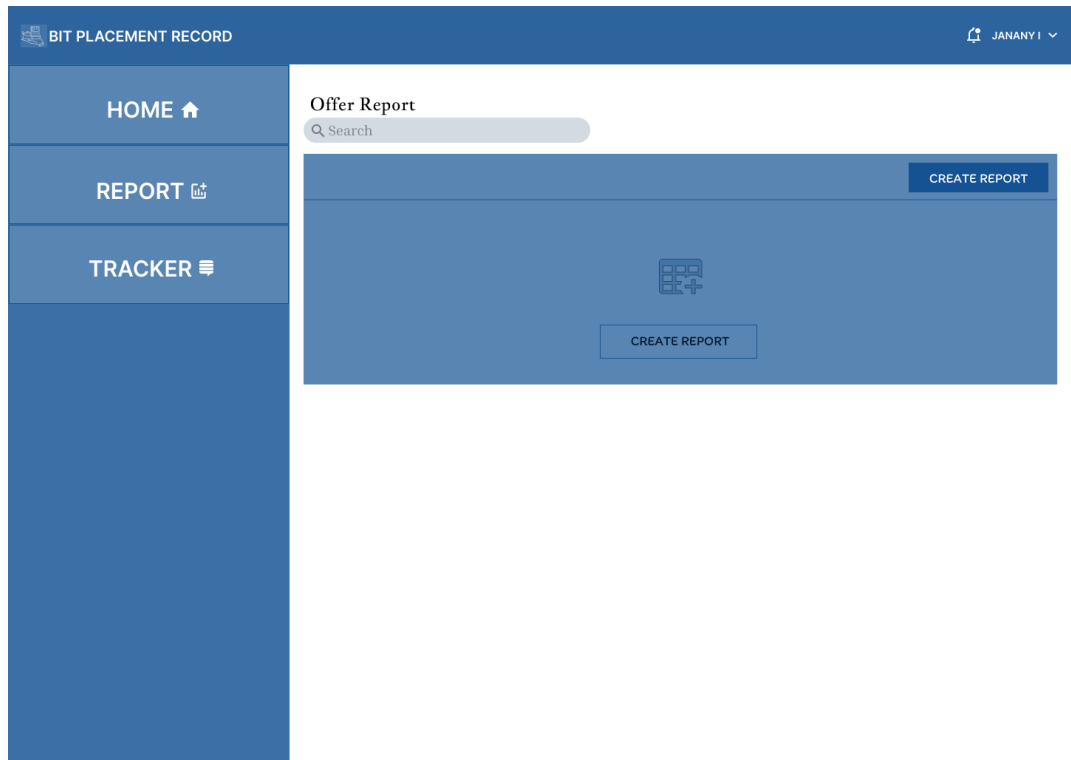
PROTOTYPE OF THE PROJECT:

1) STOCK HOLDER - STUDENT

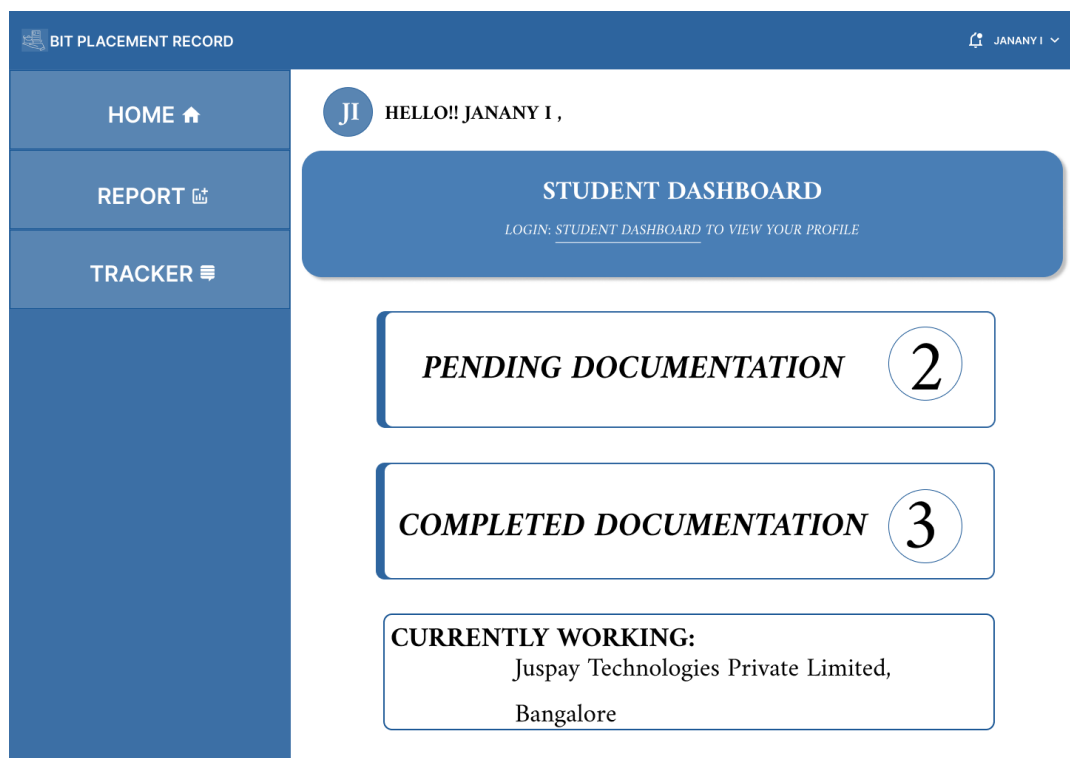
.1) Student Login Page:



2) Student Home Page:



3) Student Report Page:



4)Create New Report:

ADDRESS *	ADDRESS OF THE COMPANY
CITY *	CITY
CONTACT *	CONTACT NUMBER
COMPANY'S WEBSITE LINK *	WEBSITE LINK
MAIL CONFIRMATION RECEIVED? *	YES / NO
PDF DOCUMENT	
<div>CHOOSE FILE</div> <div>No File Chosen</div>	
INTERNSHIP OFFER LETTER RECEIVED? *	YES / NO
PDF DOCUMENT	
<div>CHOOSE FILE</div> <div>No File Chosen</div>	
FILL ONLY IF INTERNSHIP OFFER LETTER IS RECEIVED	
INTERNSHIP JOINING DATE	CONTACT NUMBER
STIPEND AMOUNT	WEBSITE LINK
CERTIFICATE DOCUMENT PROOF ORGANIZATION *	SELF/DEPARTMENT/T&P

CERTIFICATE DOCUMENT PROOF	
<div>CHOOSE FILE</div> <div>No File Chosen</div>	
FULL DOCUMENT PROOF	
<div>CHOOSE FILE</div> <div>No File Chosen</div>	
LETTER OF INTENT RECEIVED? *	YES / NO
PDF DOCUMENT	
<div>CHOOSE FILE</div> <div>No File Chosen</div>	
OFFER LETTER RECEIVED? *	YES / NO
PDF DOCUMENT *	
<div>CHOOSE FILE</div> <div>No File Chosen</div>	
IS THIS YOUR CURRENTLY WORKING JOB? *	YES / NO

CANCEL

UPDATE & SAVE

CREATE OFFER REPORT


5)Student Report Page:

BIT PLACEMENT RECORD					
Track Offer Report Documentation					
ROLL NO	STUDENT NAME	COMPANY NAME	MAIL CONFIRMATION PROOF	INTERSHIP LETTER CONFIRMATION PROOF	LETTER OF INTENT PROOF
7376222CT119	JANANY I	Doctor Alliance	7376222CT119-MC-08.02.2023	7376222CT119-IL-11.02.2023	7376222CT119-LOI-18.02.2023
7376222CT119	JANANY I	Doctor Alliance	7376222CT119-MC-08.02.2023	-	7376222CT119-LOI-18.02.2023
7376222CT119	JANANY I	Qualcomm	-	7376222CT119-IL-20.01.2023	7376222CT119-LOI-23.01.2023
7376222CT119	JANANY I	JusPay Technologies	7376222CT119-MC-18.01.2023	-	7376222CT119-LOI-01.02.2023
7376222CT119	JANANY I	Qualcomm	-	7376222CT119-IL-20.01.2023	7376222CT119-LOI-23.01.2023

BIT PLACEMENT RECORD					
Track Offer Report Documentation					
	MAIL CONFIRMATION PROOF	INTERSHIP LETTER CONFIRMATION PROOF	LETTER OF INTENT PROOF	OFFER LETTER PROOF	STATUS
ce	7376222CT119-MC-08.02.2023	7376222CT119-IL-11.02.2023	7376222CT119-LOI-18.02.2023	7376222CT119-OL-23.02.2023	PENDING
ce	7376222CT119-MC-08.02.2023	-	7376222CT119-LOI-18.02.2023	7376222CT119-OL-23.02.2023	REJECTED
	-	7376222CT119-IL-20.01.2023	7376222CT119-LOI-23.01.2023	7376222CT119-OL-02.03.2023	APPROVED
s	7376222CT119-MC-18.01.2023	-	7376222CT119-LOI-01.02.2023	7376222CT119-OL-20.02.2023	APPROVED
	-	7376222CT119-IL-20.01.2023	7376222CT119-LOI-23.01.2023	7376222CT119-OL-02.03.2023	REJECTED

2)STOCK HOLDER - ADMIN

7)Admin Login Page:



The image shows the admin login page for Bannari Amman Institute of Technology. The page features a semi-transparent login form centered over a background image of the institute's campus. The form includes the institute's logo and name at the top, followed by a login icon. Below the icon, it says "LOGIN FOR YOUR ADMIN ACCESS". There are two input fields for "USER ID" and "PASSWORD", and a "LOGIN" button at the bottom.

BANNARI AMMAN
INSTITUTE OF TECHNOLOGY
Autonomous Institution, Accredited by NAAC With 'A' Grade

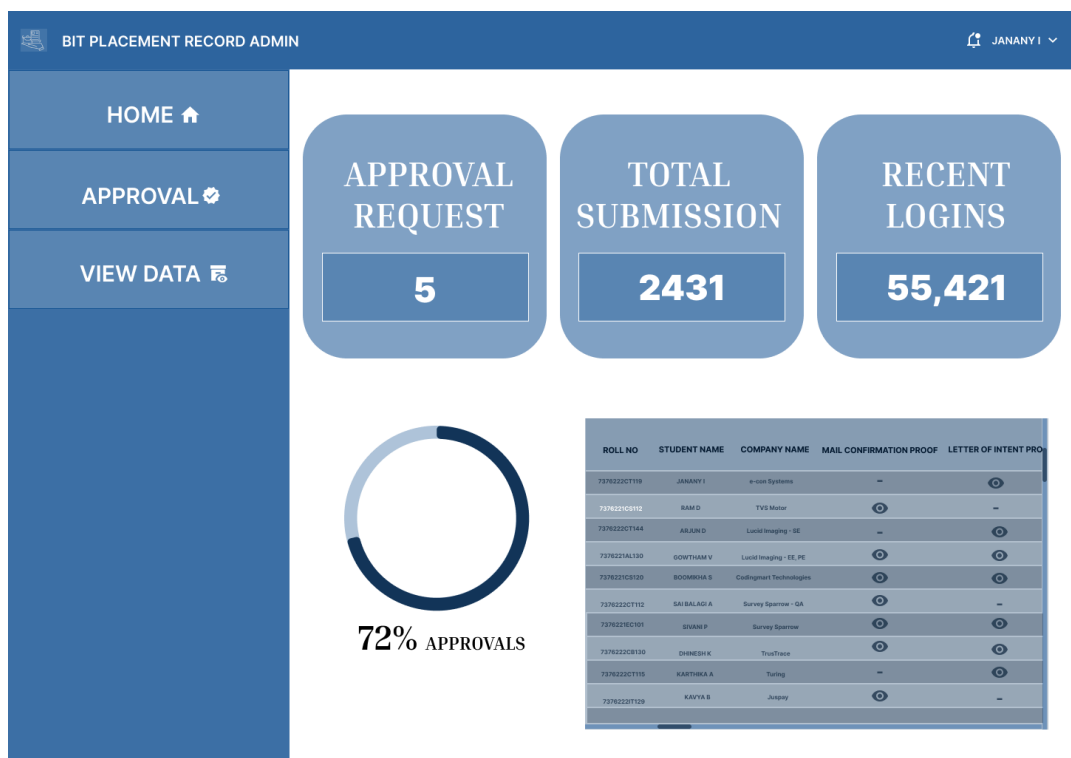
LOGIN FOR YOUR ADMIN ACCESS

USER ID

PASSWORD

LOGIN

8)Admin Home Page:



9)Admin Approval Page:

BIT PLACEMENT RECORD ADMIN									JANANY I	
HOME	APPROVAL	VIEW DATA	ROLL NO	STUDENT NAME	COMPANY NAME	MAIL CONFIRMATION PROOF	INTERNSHIP OFFER PROOF	LETTER OF INTENT PROOF	OFFER LETTER PROOF	ACTION
			7376222CT119	JANANY I	TVS Motor					
			7376222CT144	RAM D	Lucid Imaging - SE					
			7376221AL130	SHIV R J	Lucid Imaging - EE, PE					
			7376221CS120	PRAKASH R	Codingmart Technologies					
			7376222CT112	DIVYA I	Survey Sparrow - QA					
			7376221EC101	PRIYA S	Survey Sparrow					
			7376222CB130	HARSHAAD S	Codingmart Technologies					
			7376222CT115	VENNASSA J	TrusTrace					
			7376221CS112	JOHN VAUGHN V	Juspay					
			7376221EC101	VERONICA M	Turing					
			7376222CB130	ARRON BURRIS	Lucid Imaging - EE, PE					
			7376222CT115	RAMYA R R	TVS Motor					
			7376221CS112	PRIYA DEVA D	Juspay					

10)Admin Data View:

BIT PLACEMENT RECORD ADMIN

JANUARY

HOME

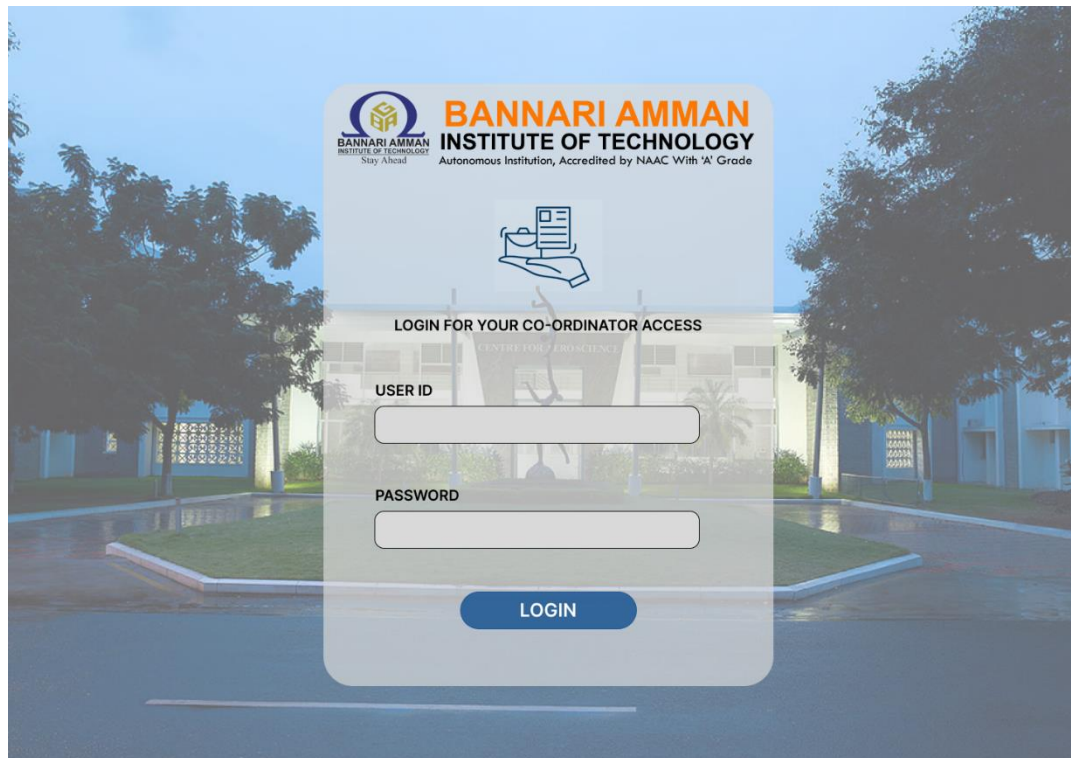
APPROVAL

VIEW DATA

ROLL NO	STUDENT NAME	GENDER	DEGREE	BATCH	PHONE NO.	YEAR OF PASSING	COMPANY NAME	CATEGORY	ORGANIZATION	CITY	CURRENTLY WORKING	
<input checked="" type="checkbox"/>	7376222CT119	JANANY I	F	BTech	CT	9384782921	2026	TVS Motor	Automotive	Self	Chennai	NO
<input type="checkbox"/>	7376222CT114	RAM D	M	BE	IT	9384782921	2026	Lucid Imaging - SE	IT	Core	Coimbatore	NO
<input checked="" type="checkbox"/>	7376221AL130	SHIV R J	M	BE	CSE	9384782921	2026	Lucid Imaging - EE, PE	IT	Self	Chennai	NO
<input type="checkbox"/>	7376221CS120	PRAKASH R	M	BTech	AIML	9384782921	2025	Codingmart Technologies	IT	TSP	Bangalore	YES
<input checked="" type="checkbox"/>	7376222CT112	DIVYA I	F	BTech	ISE	9384782921	2025	Survey Sparrow - QA	Cloud-based	TSP	Bangalore	YES
<input type="checkbox"/>	7376221EC101	PRIYA S	F	BTech	AIML	9384782921	2026	Survey Sparrow	Cloud-based	TSP	Chennai	YES
<input checked="" type="checkbox"/>	7376222CB130	HARSHAAD S	M	BE	CSE	9384782921	2026	Codingmart Technologies	IT	Core	Coimbatore	NO
<input type="checkbox"/>	7376222CT115	VENNASSA J	F	BE	IT	9384782921	2025	TVS Motor	Automotive	Core	Chennai	YES
<input checked="" type="checkbox"/>	7376221CS112	JOHN VAUGHN V	M	BTech	ADS	9384782921	2025	TruTrace	IT	Self	Chennai	YES
<input type="checkbox"/>	7376221EC101	VERONICA M	F	BTech	CT	9384782921	2025	Juspay	IT	Self	Bangalore	YES
<input checked="" type="checkbox"/>	7376222CB130	ARRON BURRIS	M	BE	CSE	9384782921	2026	Turing	IT	TSP	Coimbatore	NO
<input type="checkbox"/>	7376222CT115	RAMYA R R	F	BE	IT	9384782921	2026	Lucid Imaging - EE, PE	IT	TSP	Chennai	YES
<input checked="" type="checkbox"/>	7376222CB130	HARSHAAD S	M	BTech	CT	9384782921	2025	TVS Motor	Automotive	TSP	Bangalore	NO

3)STOCK HOLDER – CO-ORDINATOR

11)Co-Ordinator Login Page:



The login page features a semi-transparent white overlay on a background image of a modern building. At the top left of the overlay is the Bannari Amman Institute of Technology logo and name, along with the text 'Autonomous Institution, Accredited by NAAC With 'A' Grade'. Below this is an icon of a hand holding a document. The main heading is 'LOGIN FOR YOUR CO-ORDINATOR ACCESS'. There are two input fields: 'USER ID' and 'PASSWORD'. A blue 'LOGIN' button is at the bottom.

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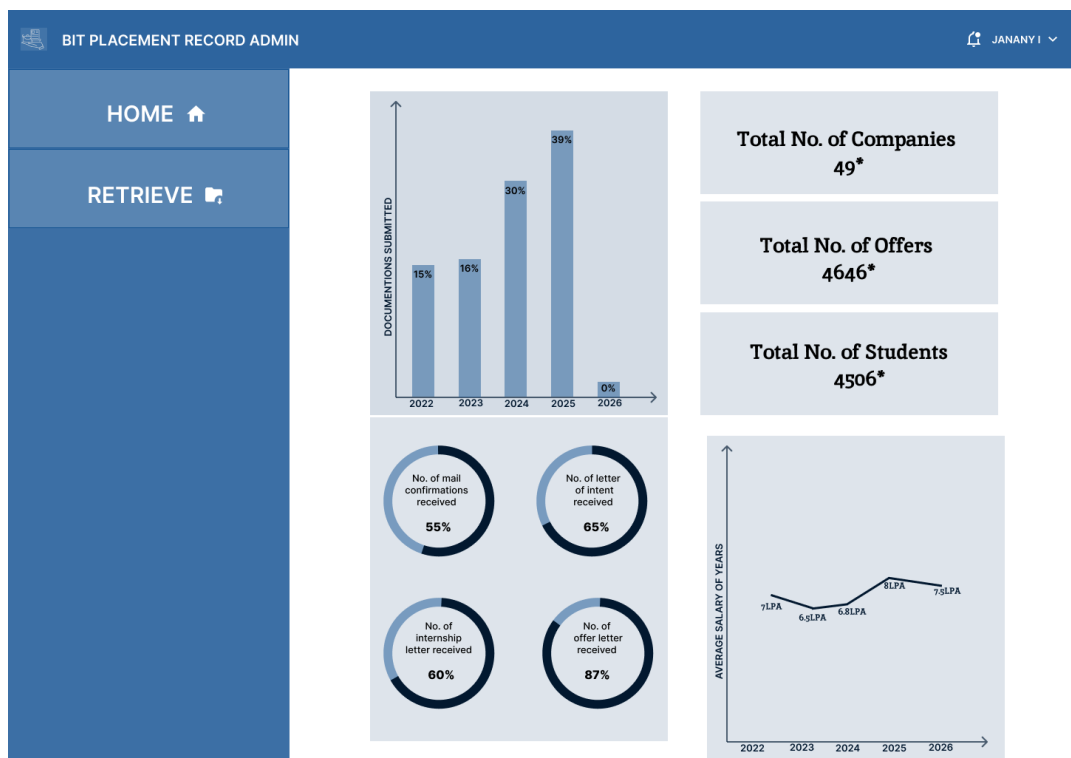
LOGIN FOR YOUR CO-ORDINATOR ACCESS

USER ID

PASSWORD

LOGIN

12)Co-Ordinator Home Page:



13)Co-Ordinator Retrieve Page:

BIT PLACEMENT RECORD ADMIN

JANANY

HOME

RETRIEVE

CHOOSE CATEGORY

SELECT ALL

DOWNLOAD AS PDF

DOWNLOAD AS EXCEL

ROLL NO	STUDENT NAME	GENDER	DEGREE	BATCH	PHONE NO.	YEAR OF PASSING	COMPANY NAME	CATEGORY	ORGANIZATION	CITY	CURRENTLY WORKING	
<input checked="" type="checkbox"/>	7376222CT119	JANANY I	F	BTech	CT	9384762921	2026	TVS Motor	Automotive	Self	Chennai	NO
<input checked="" type="checkbox"/>	7376222CT174	RAM D	M	BE	IT	9384762921	2026	Lucid Imaging - SE	IT	Core	Coimbatore	NO
<input checked="" type="checkbox"/>	7376221AL130	SHIV R J	M	BE	CSE	9384762921	2026	Lucid Imaging - EE, PE	IT	Self	Chennai	NO
<input checked="" type="checkbox"/>	7376221CS130	PRAKASH R	M	BTech	AIML	9384762921	2025	Codingmart Technologies	IT	T&P	Bangalore	YES
<input checked="" type="checkbox"/>	7376222CT113	DIVYA I	F	BTech	ISE	9384762921	2025	Survey Sparrow - QA	Cloud-based	T&P	Bangalore	YES
<input checked="" type="checkbox"/>	7376221EC101	PRITHA S	F	BTech	AIML	9384762921	2026	Survey Sparrow	Cloud-based	T&P	Chennai	YES
<input checked="" type="checkbox"/>	7376222CB130	HARSHAAD S	M	BE	CSE	9384762921	2026	Codingmart Technologies	IT	Core	Coimbatore	NO
<input checked="" type="checkbox"/>	7376222CT115	VENNASSA J	F	BE	IT	9384762921	2025	TVS Motor	Automotive	Core	Chennai	YES
<input checked="" type="checkbox"/>	7376221CS112	JOHN VAUGHN V	M	BTech	ADS	9384762921	2025	TrustTrace	IT	Self	Chennai	YES
<input checked="" type="checkbox"/>	7376221EC101	VERONICA M	F	BTech	CT	9384762921	2025	Jurispay	IT	Self	Bangalore	YES
<input checked="" type="checkbox"/>	7376222CB130	ARRON BURRIS	M	BE	CSE	9384762921	2026	Turing	IT	T&P	Coimbatore	NO
<input checked="" type="checkbox"/>	7376222CT115	RAMYA R R	F	BE	IT	9384762921	2026	Lucid Imaging - EE, PE	IT	T&P	Chennai	YES
<input checked="" type="checkbox"/>	7376222CB130	HARSHAAD S	M	BTech	CT	9384762921	2025	TVS Motor	Automotive	T&P	Bangalore	NO