

Roll No	7376222AL117
Name	BALAJI S K M
Seat No	149
Project ID	29
Project title	BIT- Interview Candidates Details

Technical Components

Component Tech Stack

BACKEND	Spring Boot
FRONTEND	React
DATABASE	MySQL
API	RESTful services

Problem statement :

Develop an app to easily access and maintain the following details of hired candidates:
Name, Year of passing, Gender, Branch and Degree, Educational Details, Contact Number, Resume Upload, Designation, Date of Interview, Selection status, Date of Joining, Photo, Working status and Address.

PROJECT FLOW:

Purpose:

- The purpose of the application is to streamline the process of managing and maintaining intern student data in a college. The app will enable authorized users (admin and faculty) to efficiently access, update, and manage the information related to interns.

Scope:

- Admin: Full control over the intern data, including the ability to add, view, edit, update, and delete records.
- Faculty: Read-only access to intern data, allowing them to view details without making any changes.
- Data Management: Centralized storage and management of intern data with a focus on ease of access and security.

Business Context:

- This application is designed for colleges that need to maintain comprehensive records of intern students. It will help in tracking intern progress, maintaining contact details, and managing the lifecycle of intern data from the time of selection until the end of their internship.

Consideration:

- **Data Security:** Ensure that the data is securely stored and only accessible to authorized users.

- **Scalability:** The application should be able to handle a growing number of records as more interns are added.
- **User Experience:** A simple and intuitive UI for both admin and faculty users.
- **Data Integrity:** Validation of data inputs to ensure accurate and consistent records.

Dependencies:

- **Spring Boot:** For building the backend services.
- **React:** For the frontend user interface.
- **MySQL:** As the relational database to store intern data.
- **RESTful Services:** For communication between the frontend and backend.

User Personas:

- **Admin:**

Goals: Manage intern data, including adding, editing, updating, and deleting records.

Needs: A user-friendly interface to perform CRUD operations on intern data.

- **Faculty:**

Goals: View intern details to monitor progress and access information.

Needs: Read-only access to intern data with an easy navigation interface.

User Stories:

- As an Admin, you can add, edit, delete, and view intern records, ensuring the data is always up-to-date and accurate. You have full control to manage and correct intern details, removing outdated or incorrect information as needed. The system offers a centralized view of all intern details, making it easy to monitor their status and manage data efficiently.

- As a Faculty member, you can view intern details to track their progress throughout the internship. This allows you to stay informed about each intern's status and contact them when necessary. Your access is read-only, ensuring that the data remains consistent and secure.

Functional Dependencies:

- **User Authentication:**

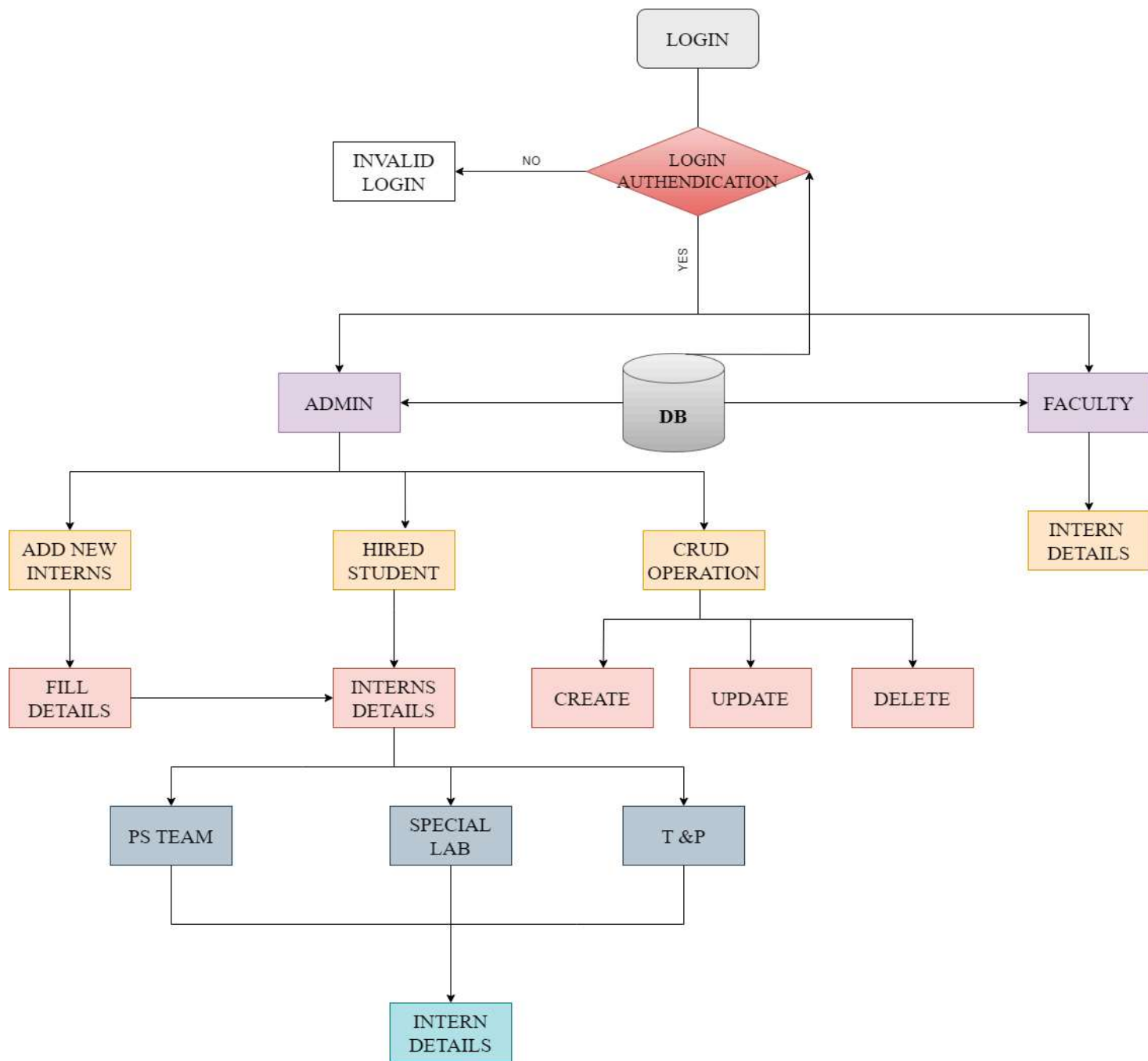
Spring Security in Spring Boot for secure login, React components for authentication forms, and MySQL tables for storing credentials.

- **Profile Management:**


RESTful APIs in Spring Boot for CRUD operations, React components for profile view and upload, and MySQL tables for storing profile data.

- **Role-Based Access Control:**

Spring Security for role-based permissions, with React components implementing conditional rendering based on user roles.




UI:




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Stay Ahead

[Login Now](#)

Login with Others


 Login with google

FACULTY UI:



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Welcome back , User




[Dashboard](#)

[Placement details](#)

[RESUME](#)

[Setting](#)

[LOGOUT](#)



NAME

ROLL NO

DEPTMENT

SEMESTER

CONTACT NO

GENDER

YEAR OF PASSING






ADDRESS :

SATHYAMANGALAM

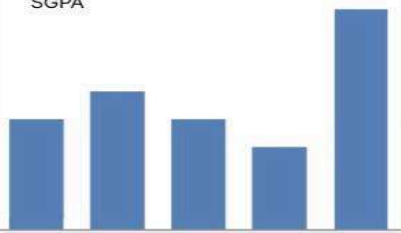
ERODE

PINCODE

ATTENDANCE DETAILS


-  TOTAL NO DAYS
-  DAYS PRESENT
-  ON DUTY
-  LEAVE
-  PERCENTAGE

SGPA





SGPA
2.5
3.0
2.5
2.0
3.5


ADMIN UI:





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 HOME


 PS TEAM






 SPECIAL LAB

 T & P

 ADD MEMBERS

 Setting

 LOGOUT

	NAME	ROLL NO	DOM AIN	EMAIL	CONTACT NO	DATE OF JOINING
	Spotify Subscription	#12548 796	PS TEAM	bitsathy.ac.in	1234 ****	12.12 .12
	Freepik Sales	#12548 796	SPECIAL LAB	bitsathy.ac.in	1234 ****	12.12.12
	Mobile Service	#12548 796	T & P	bitsathy.ac.in	1234 ****	12.12.12
	Wilson	#12548 796	T & P	bitsathy.ac.in	1234 ****	12.12.12
	Emilly	#12548 796	PS TEAM	bitsathy.ac.in	1234 ****	12.12.12



HOME



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SPECIAL LAB



T & P



ADD MEMBERS



Setting



LOGOUT

TOTAL NO OF STUDENT : 100

IN CHARGE : CHANDRU R

CONTACT NO : XXXXXXXX

NAME	ROLL NO	DOMAIN	EMAIL	CONTACT NO	DATE OF JOINING
Spotify Subscription	#12548796	PS TEAM	bitsathy.ac.in	1234 ****	12.12.12
Freepik Sales	#12548796	PS TEAM	bitsathy.ac.in	1234 ****	12.12.12
Mobile Service	#12548796	PS TEAM	bitsathy.ac.in	1234 ****	12.12.12
Wilson	#12548796	PS TEAM	bitsathy.ac.in	1234 ****	12.12.12



HOME



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T & P



ADD MEMBERS



Setting



LOGOUT

Add New Profile

Name

Roll no

Email

Domain

Contact no

Gender

Address

Educational details

Faculty Incharge

Date of joining

CREATE

CREATE AND ADD
ANOTHER