

# Project ERP

## Project Report Presented by:

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## **INTRODUCTION:**

**An Enterprise resource planning site** is the integrated management of main business processes or an institute often in real time.

**The objective of our project** is to construct a website for an Educational Institute where students and teachers can carry out their day to day academic work.

**Students** can view their profile, upload digital assignments, download resources, view their marks and carry out online transactions like payment of fees.

**Teachers** can view their profile, view digital assignments, upload resources, enter marks, and send memorandums.

**Here are some key features of our project:**

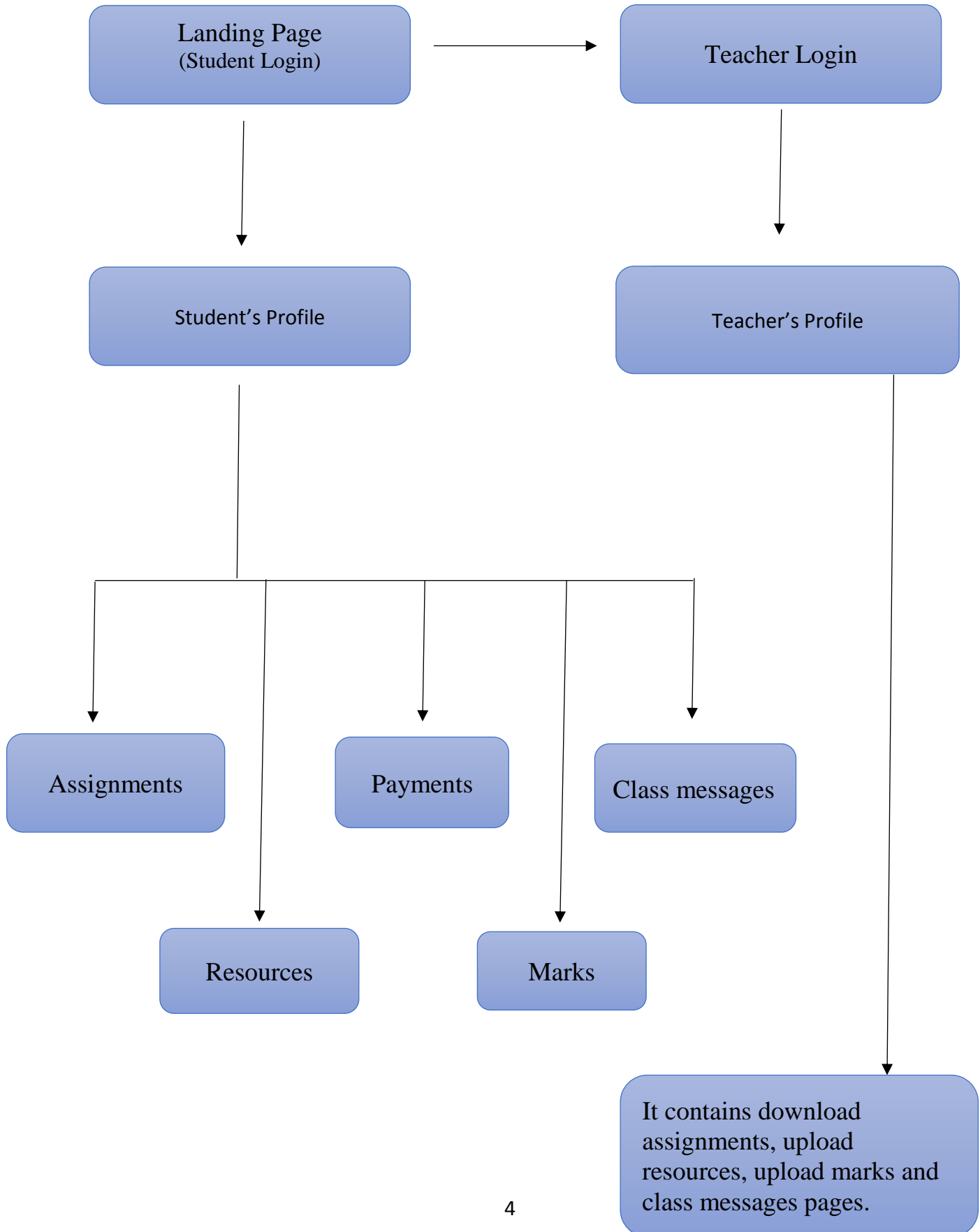
- Operations like updating marks or sending class messages occur in real-time (or near real-time).
- There is a common database for all sectors of enterprise.

## **Softwares and Technologies Used:**

*Adobe XD* was used to create the UI of the website.

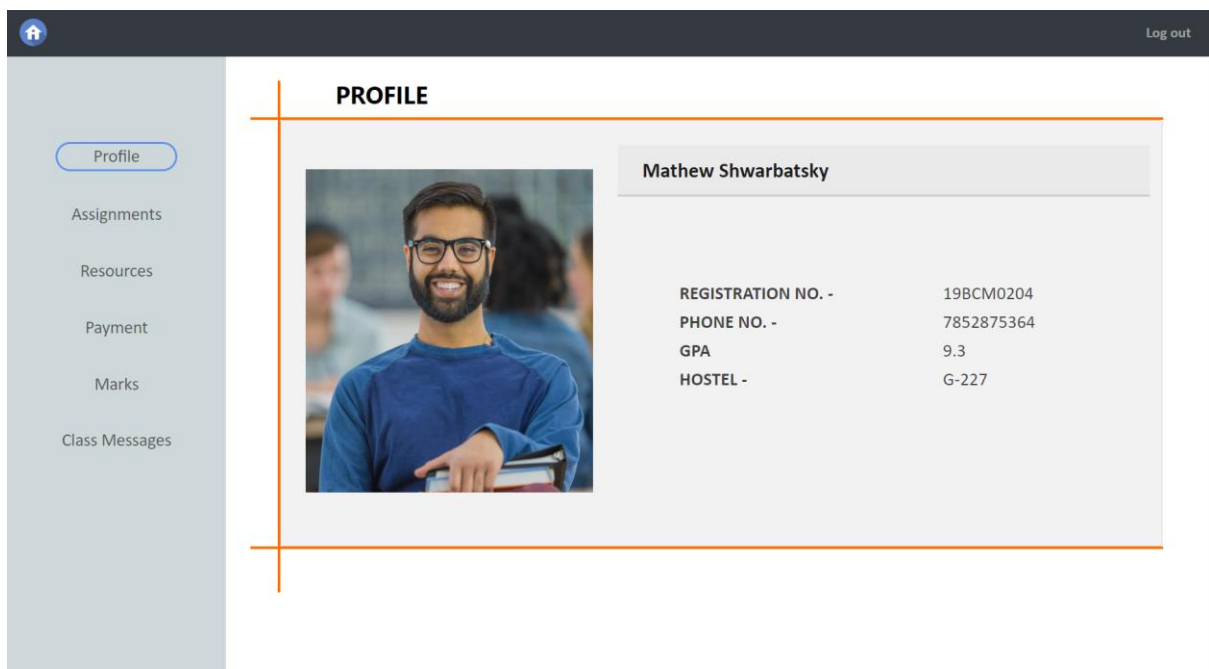
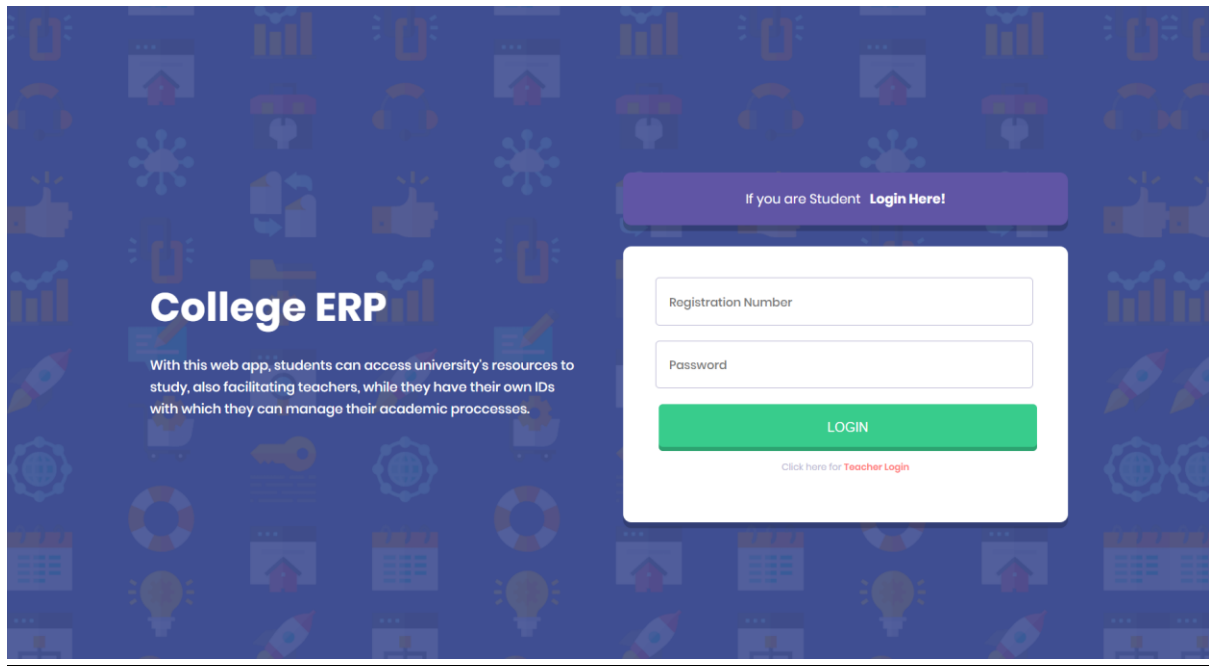
The frontend part is created using languages *HTML*, *CSS3* and *JavaScript*. The backend part of the website involves the use of *Mongo DB* as the database program and *Node JS* as the JavaScript run-time environment. *Visual Studio Code* is the text editor used to create the website. *Mongoose*, an object data modelling (ODM) library is used to enforce structured data. *Express framework* is used to connect between different routes. *Body Parser* is used to extract information from body tag of html web pages.


## Project Flow:



# UI:


*Student login:*



Log out


Profile  
Assignments  
Resources  
Payment  
Marks  
Class Messages

## PROFILE



**Ram Lal**  
  

REGISTRATION NO. -	18BBM0420
PHONE NO. -	7906175364
GPA	8.7
HOSTEL -	K-817

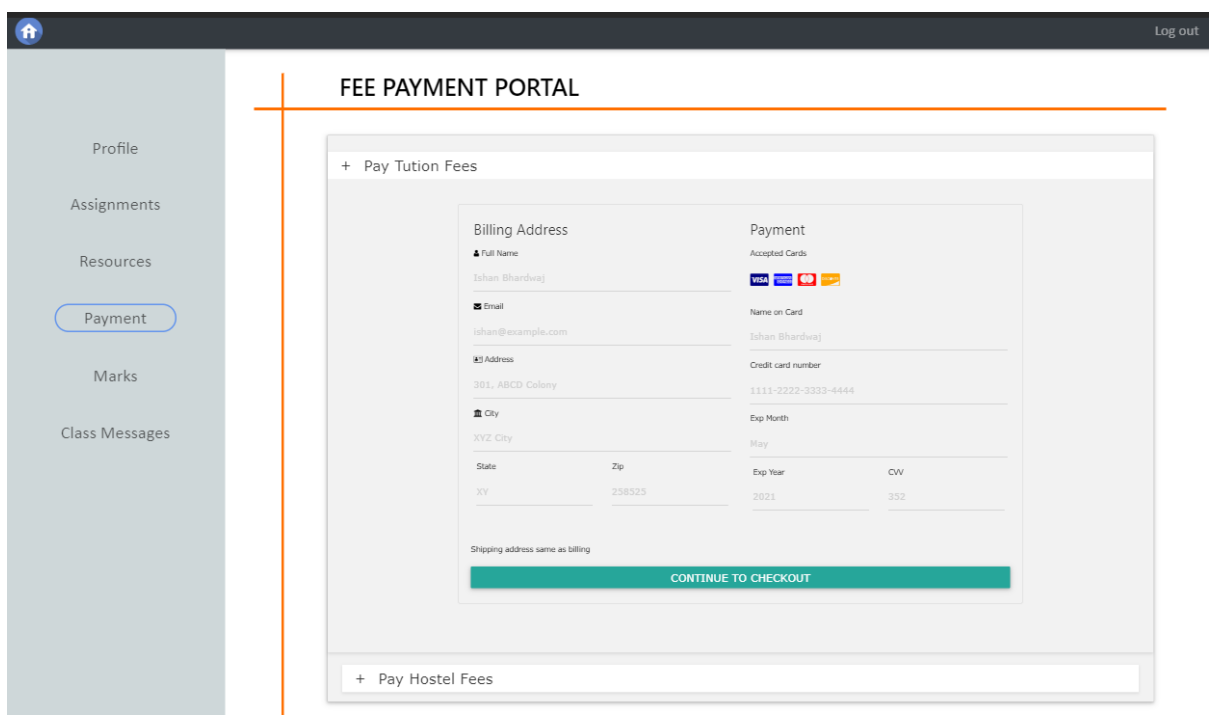
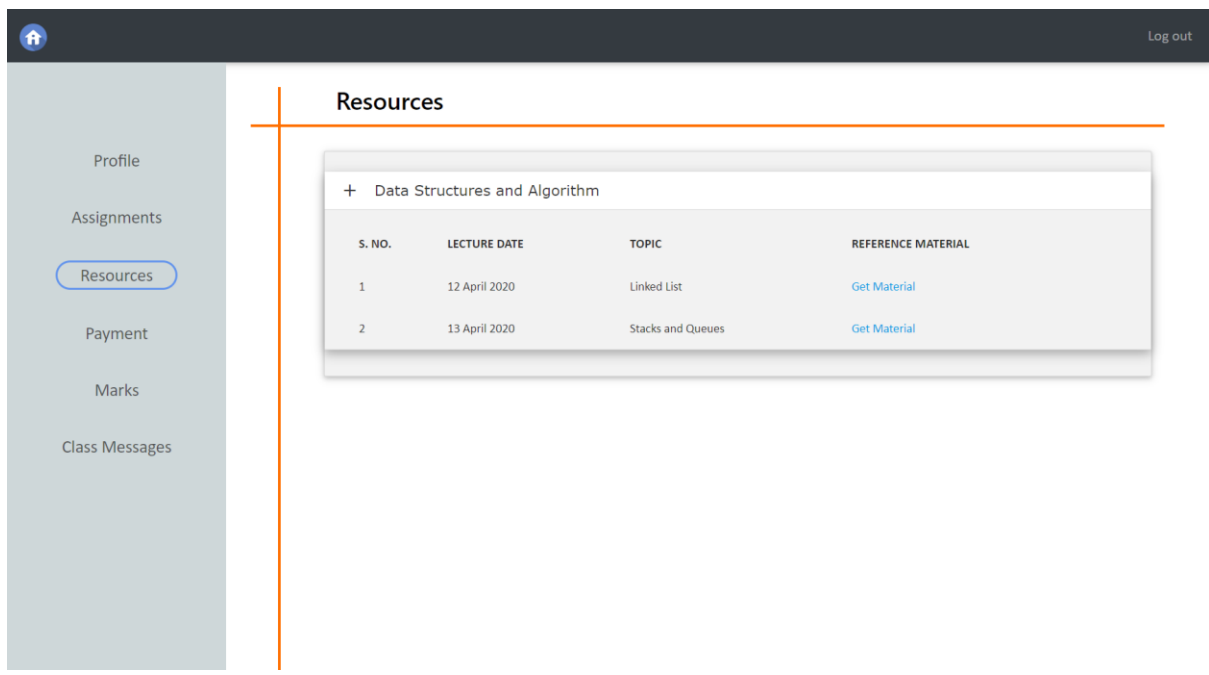
Log out


Profile  
Assignments  
Resources  
Payment  
Marks  
Class Messages

## Digital Assignment Upload

+ Data Structures and Algorithm

ASSIGNMENTS	MAX MARKS	DUE DATE	UPLOAD STATUS
Digital Assignment 1	10	24 June 2020	Not Uploaded
Digital Assignment 2	10	24 June 2020	Uploaded



Log out

Profile

Assignments

Resources


Payment

Marks

Class Messages

## MARKS

Data Structure and Algorithms			
	Max. Marks	Marks Scored	Weightage Score
Digital Assignment 1	10	7	
Digital Assignment 2	10	8	
Mid Semester Exam	50		
Final Exam	100		

Log out

Profile

Assignments

Resources

Payment

Marks

Class Messages

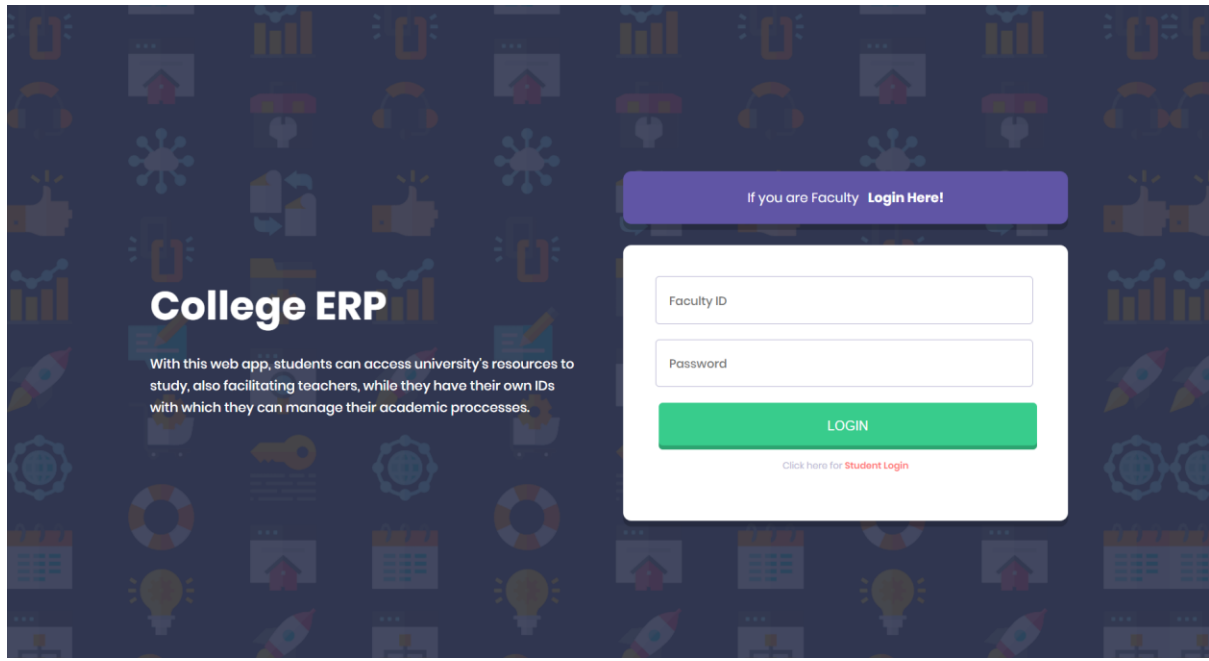
## Class Messages

Data Structures and Algorithm

The results for winter semester 2079-20 are out!



## Teacher login:



The login page features a dark blue background with a repeating pattern of educational icons like books, charts, and lightbulbs. On the left, the text 'College ERP' is displayed in a large, bold, white font. Below it, a paragraph explains that the web app allows students to access university resources and facilitates teachers' academic processes. On the right, there is a white login form with a purple header bar that says 'If you are Faculty Login Here!'. The form contains two input fields for 'Faculty ID' and 'Password', followed by a green 'LOGIN' button. A red link for 'Student Login' is located at the bottom of the form.

**College ERP**

With this web app, students can access university's resources to study, also facilitating teachers, while they have their own IDs with which they can manage their academic processes.

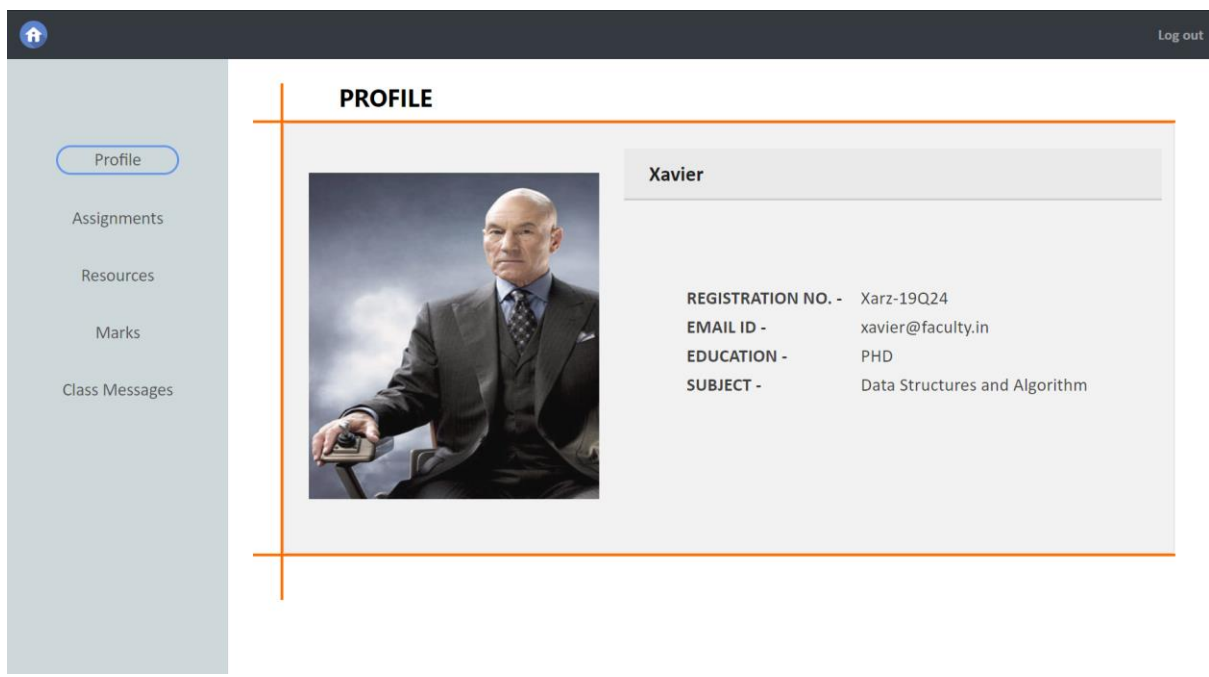
If you are Faculty **Login Here!**

Faculty ID

Password

**LOGIN**

[Click here for Student Login](#)



The profile page has a dark grey header with a home icon on the left and a 'Log out' link on the right. A light grey sidebar on the left contains a list of navigation items: 'Profile' (highlighted with a blue border), 'Assignments', 'Resources', 'Marks', and 'Class Messages'. The main content area is titled 'PROFILE' and is enclosed in an orange border. It features a profile picture of a man in a suit, a name 'Xavier' in a grey box, and a list of details: 'REGISTRATION NO. - Xarz-19Q24', 'EMAIL ID - xavier@faculty.in', 'EDUCATION - PHD', and 'SUBJECT - Data Structures and Algorithm'.

Log out

Profile

Assignments

Resources

Marks

Class Messages

**PROFILE**

**Xavier**

**REGISTRATION NO. -** Xarz-19Q24

**EMAIL ID -** xavier@faculty.in

**EDUCATION -** PHD

**SUBJECT -** Data Structures and Algorithm

Log out

Profile

Assignments

Upload Resources

Upload Marks

Class Messages

## ASSIGNMENTS

Upload Assignment Questions:

19BCI0194

	Download Assignment	Enter Marks	
Digital Assignment 1		<input type="text"/>	<div>Submit</div>
Digital Assignment 2		<input type="text"/>	

19BCI0195

	Download Assignment	Enter Marks	
Digital Assignment 1		<input type="text"/>	<div>Submit</div>
Digital Assignment 2		<input type="text"/>	

19BCI0197

	Download Assignment	Enter Marks	
Digital Assignment 1		<input type="text"/>	

Log out

Profile

Assignments

Resources

Marks

Class Messages

## Upload Resources

Data Structure and Algorithms

Set Topic:

Upload Material:

Upload Material

Log out

Profile

Assignments

Upload Resources

Upload Marks

Class Messages

UPLOAD MARKS

Enter reg no of student

	Max Marks	Enter Marks
DA1	10	
DA2	10	
MID-SEM	50	
FAT	100	

Submit

Log out

Profile

Assignments

Resources

Marks

Class Messages

Class Messages

Enter your message here

Submit