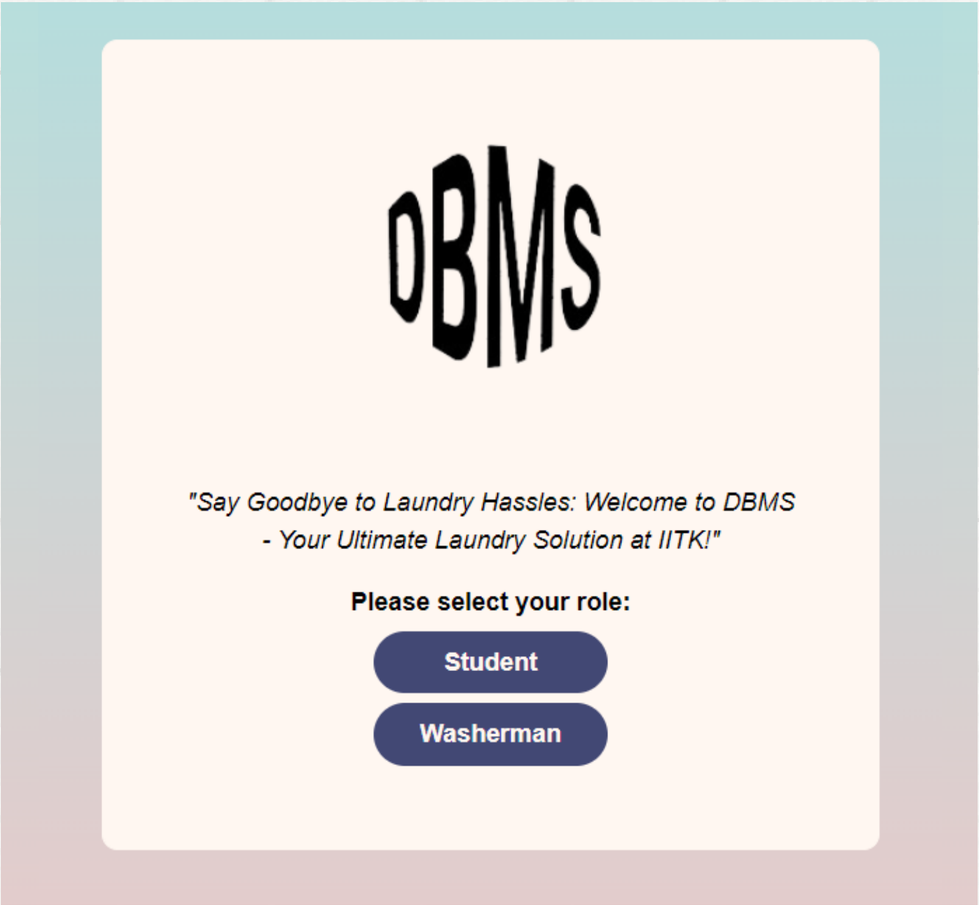
DBMS

Presentation by Group 5:
DevDynamos

Team Members

- Vishal Kumar
- Abhishek kumar
- Rishikesh Sahil
- Udbhav Singh Sikarwar
- Yash Pratap Singh
- Aditya Gupta
- Nandini Akolkar
- Shriya Garg
- Kushagra Singh
- Anshu Yadav

Switch to !



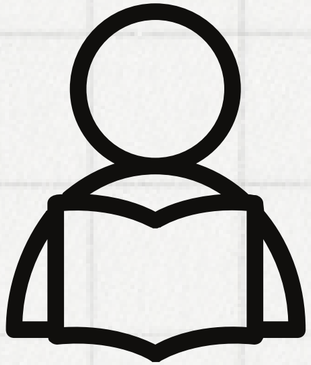
Instead of

WHY DBMS??

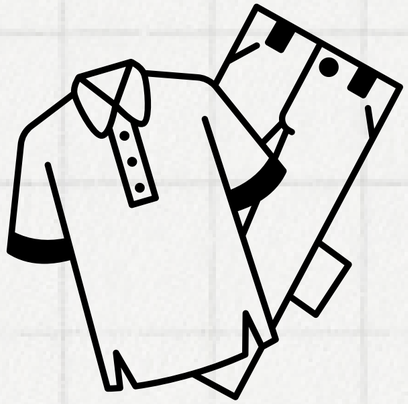
- Schedule cloth pickups via the web application.
- Get Notified of the arrival of the Washerman.!
- DBMS securely stores financial transaction data
- Hassle free payments!
- Maintain a comprehensive record of laundry items.
- Track your Clothes, No misplaced Laundry.

WHO WILL BENEFIT??

Students



Washermen



Functional Requirements

- Calender Dashboard
- User-friendly login page for Washerman
- Flexibility in Payment
- Monthly summary file displaying dues
- Translation feature for increased convenience
- Accept or deny student laundry requests
- Receive Updates from Washerman
- Notified upon receiving payment

Client Server Architecture

Our website is divided into two separate entities: client and server. The client side is responsible for interaction with washerman and students while the server side is responsible for the processing requests from the students to washerman and send the response back to the students, executing logic and managing data.

Its advantages:

- Enhances Data Security
- Scalability
- Efficient resource usage
- Centralized Mangement

Frontend Implementation

HTML

JS

React

Backend Implementation

mongoDB

node JS

Express JS

Razorpay

TimeLine

01

Planning Phase
Jan 2024

The need for the software was identified and requirements were documented

02

Design Phase
Feb 2024

The design of the website was decided and the architecture of the website was finalized and documented.

03

Implementation Phase
March 2024

Implemented the decided requirements and design.

04

Improvement Phase
April 2024

The functioning of the website was tested and improved.

Enough talking!!!

Let’s Demonstrate

Future Plans

We have tried our best to incorporate the essential feature required to bring our idea to life. As we all know there is always room from improvement. So here are our plans for the future.

01. Make our Software available on mobile app and implement it in our college.

02. Feedback system can be implemented.

03. Updating of details of Student/Washerman

What were the major takeaways?

Non-Technical Skills

- Team Collboration.
- Project Management skills.
- Problem solving skills.

Technical Skills

- Learnt Version Control
- Documentation
- Integration of source code.

Thank you

Questions?