University of Sindh
The oldest University of Pakistan

Project ID:
SU/ FET/ IT/ FYP/ 2019/ 08

FET BASED COURSES MATERIAL MANAGEMENT SYSTEM

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UNIVERSITY OF SINDH, JAMSHORO

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1. Introduction of Project

- Students don’t have a facility to get study material related to their course.
- They don’t have a platform where they can go through previous Final year project details
- They had to go to the library and look for FYP details.

Introduction of Project Continued!

- **Also students of FET don't have a facility where they can ask question/queries related to their studies and other students can reply to their questions.**

Scope of Project

- **The scope of the project is to provide a platform where students can get course material of any subject, and view previous fyp projeccts.**
- **Till now it is only for FET students , it can further be extended to Sindh University**

3. Aim and Objectives

- The Aim is to provide a platform where a student can get academic resources, theses, FYP project details and discuss their study related questions/queries with other students

1. To provide academic resources
2. To provide discussion forum for students.

4. Tools and Technologies

- **Front End**
  - HTML
  - CSS
  - JAVASCRIPT
  - REACT JS
- **Back End**
  - NODE JS
  - EXPRESS JS
  - MONGO DB

5. METHODOLOGY

AGILE DEVELOPMENT:

- Agile project management divides large-scale projects into several phases, called sprints or iterations. This way, tasks are accomplished in short stages throughout the lifecycle of the project.

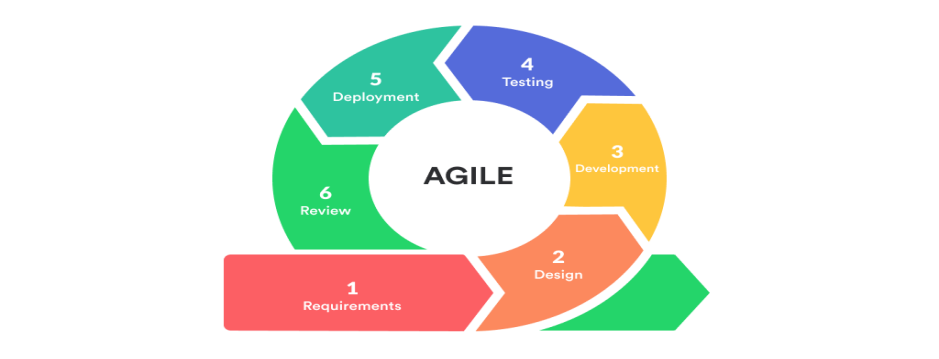
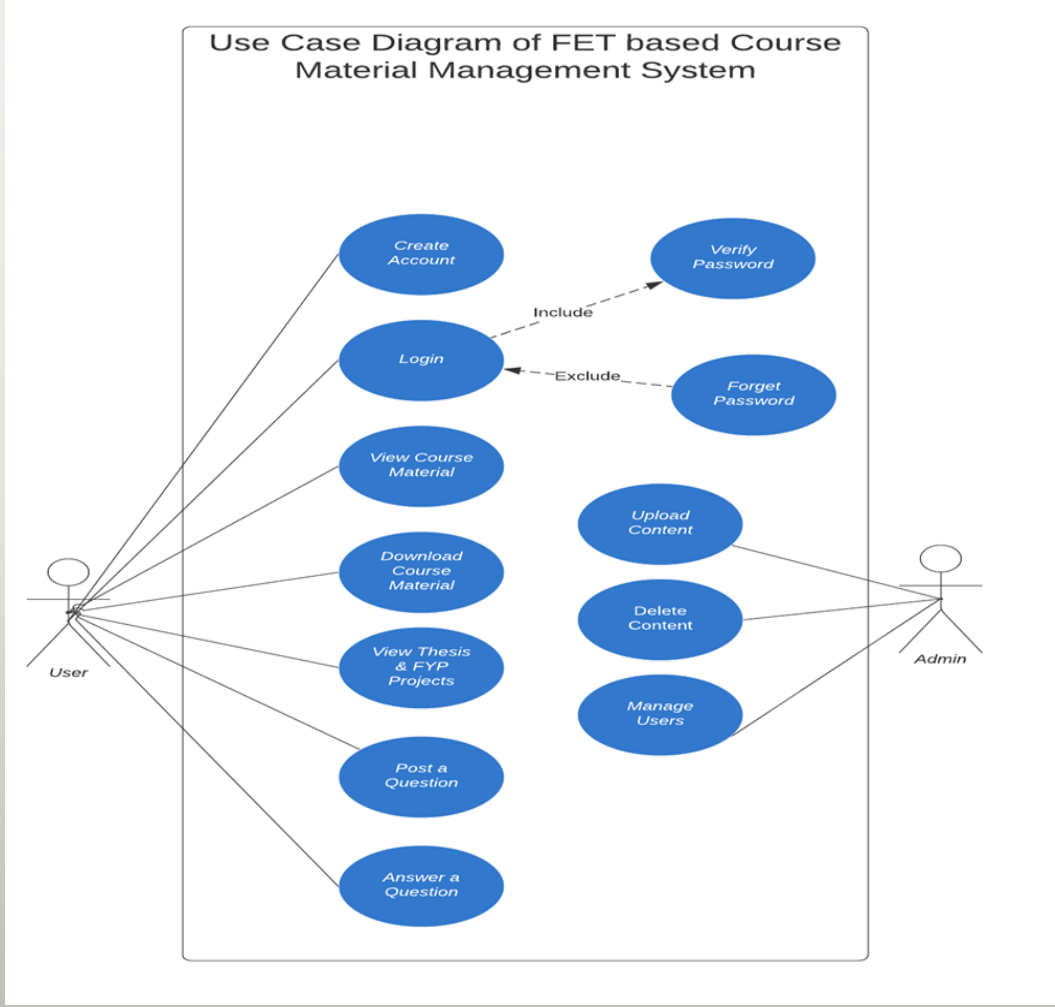


Figure : Agile Development

6. Analysis and Design Progress Timeline

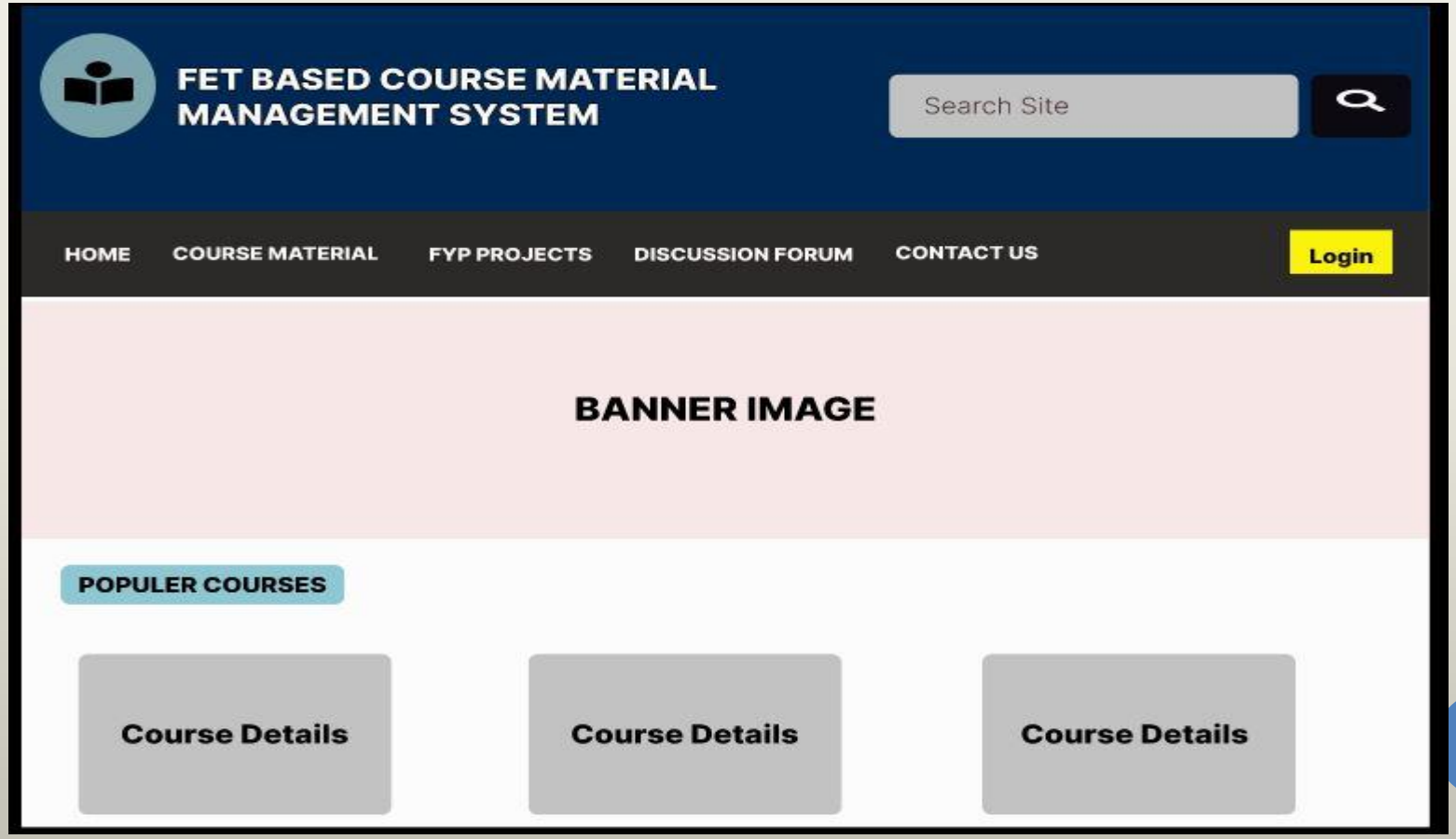
System Design

Use Case Diagram

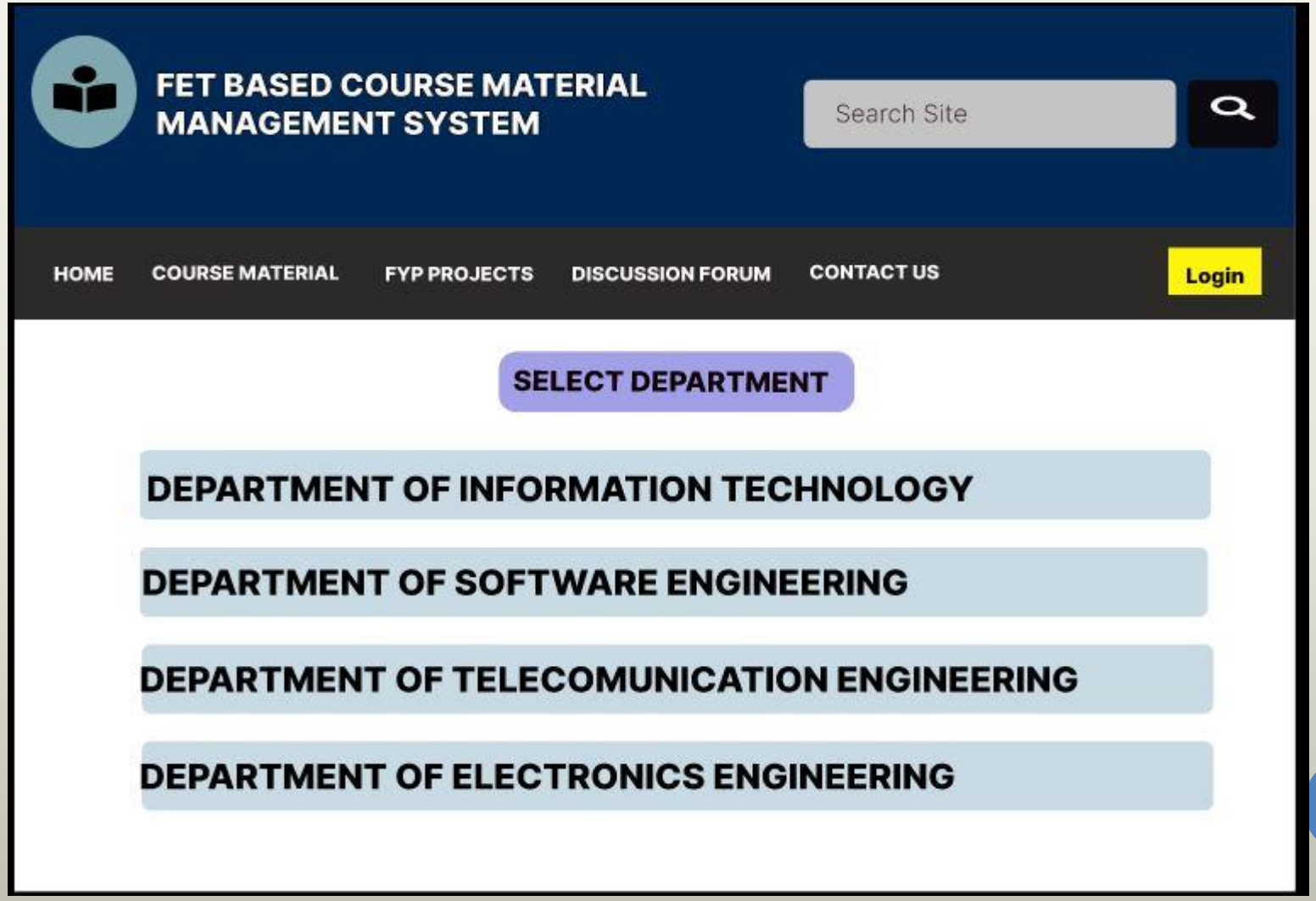


PROTOTYPE DESIGN

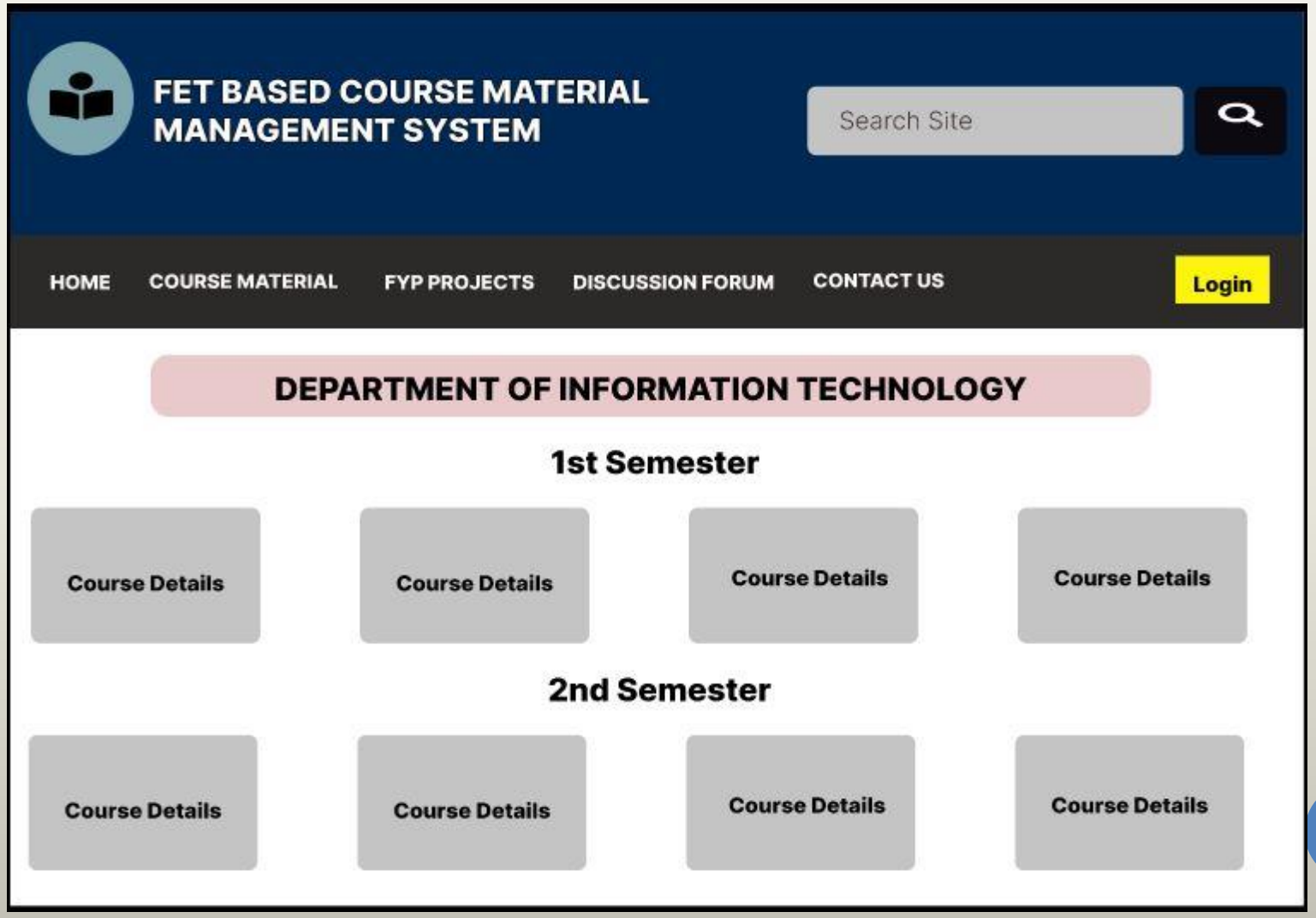
- HOME PAGE



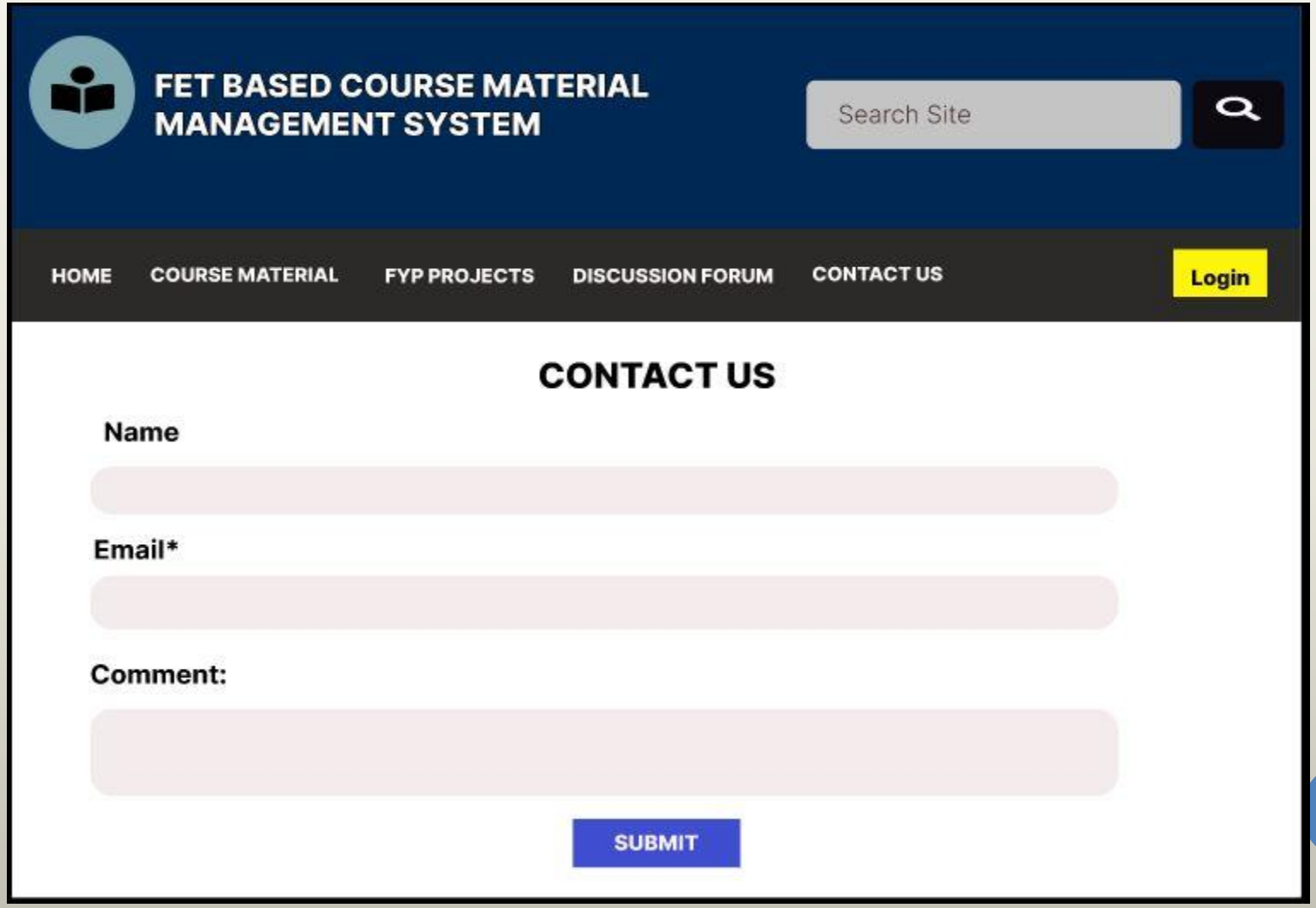
- COURSE MATERIAL – SELECT DEPARTMENT



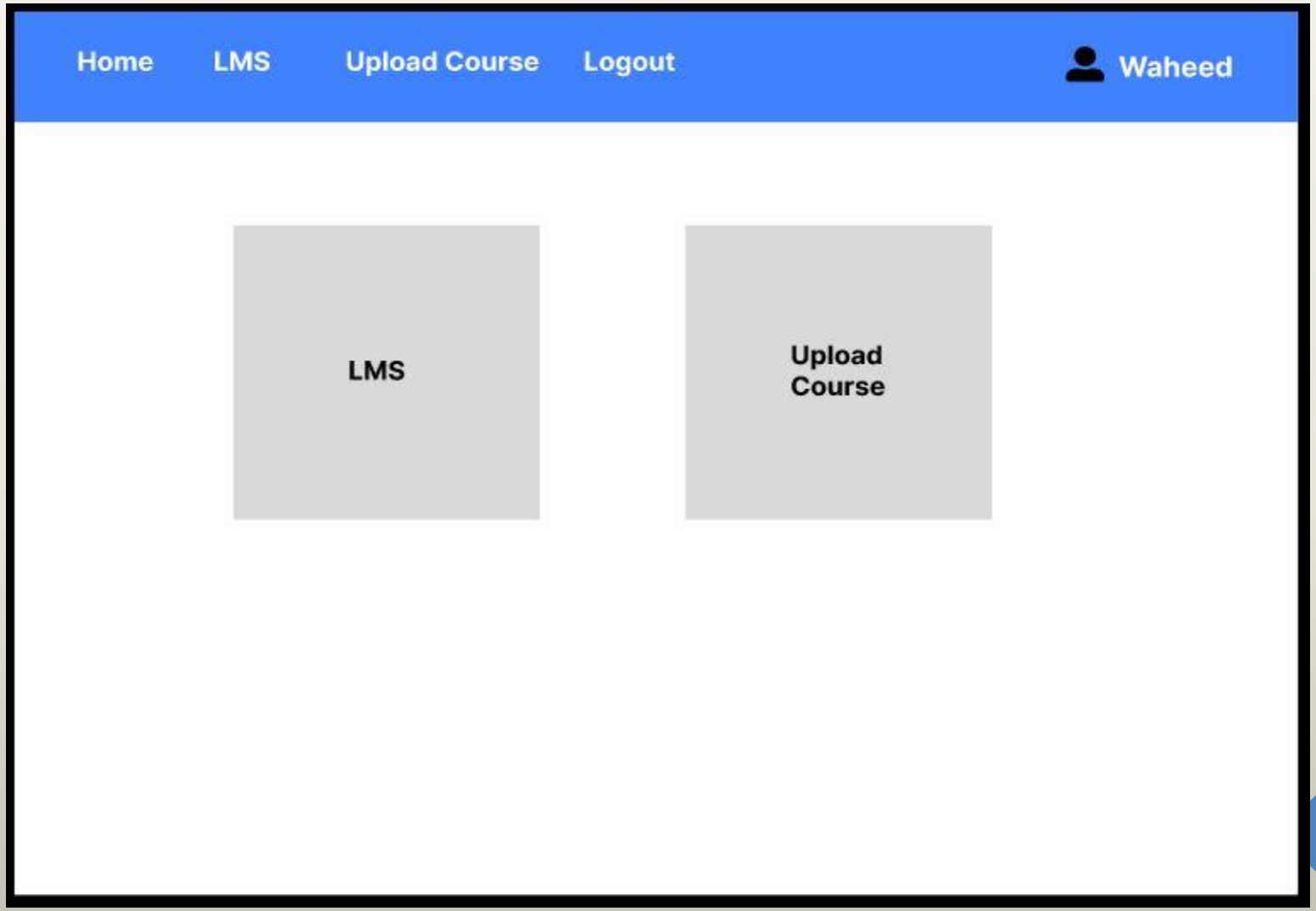
- COURSE MATERIAL – SELECT SUBJECT



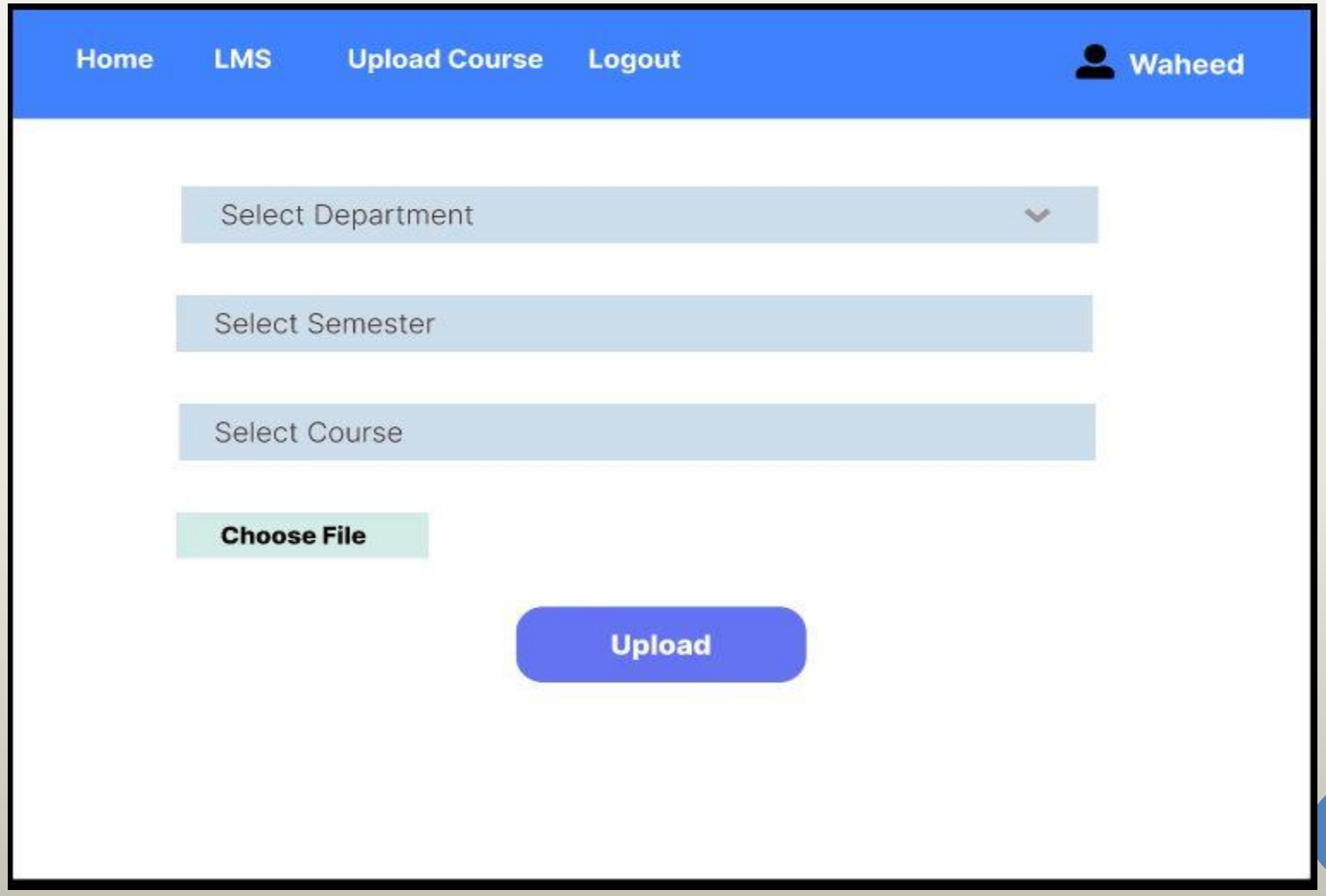
- CONTACT US


FET BASED COURSE MATERIAL MANAGEMENT SYSTEM
Search Site
HOME
COURSE MATERIAL
FYP PROJECTS
DISCUSSION FORUM
CONTACT US
Login
CONTACT US
Name
Email*
Comment:
SUBMIT

- TEACHER'S PANEL



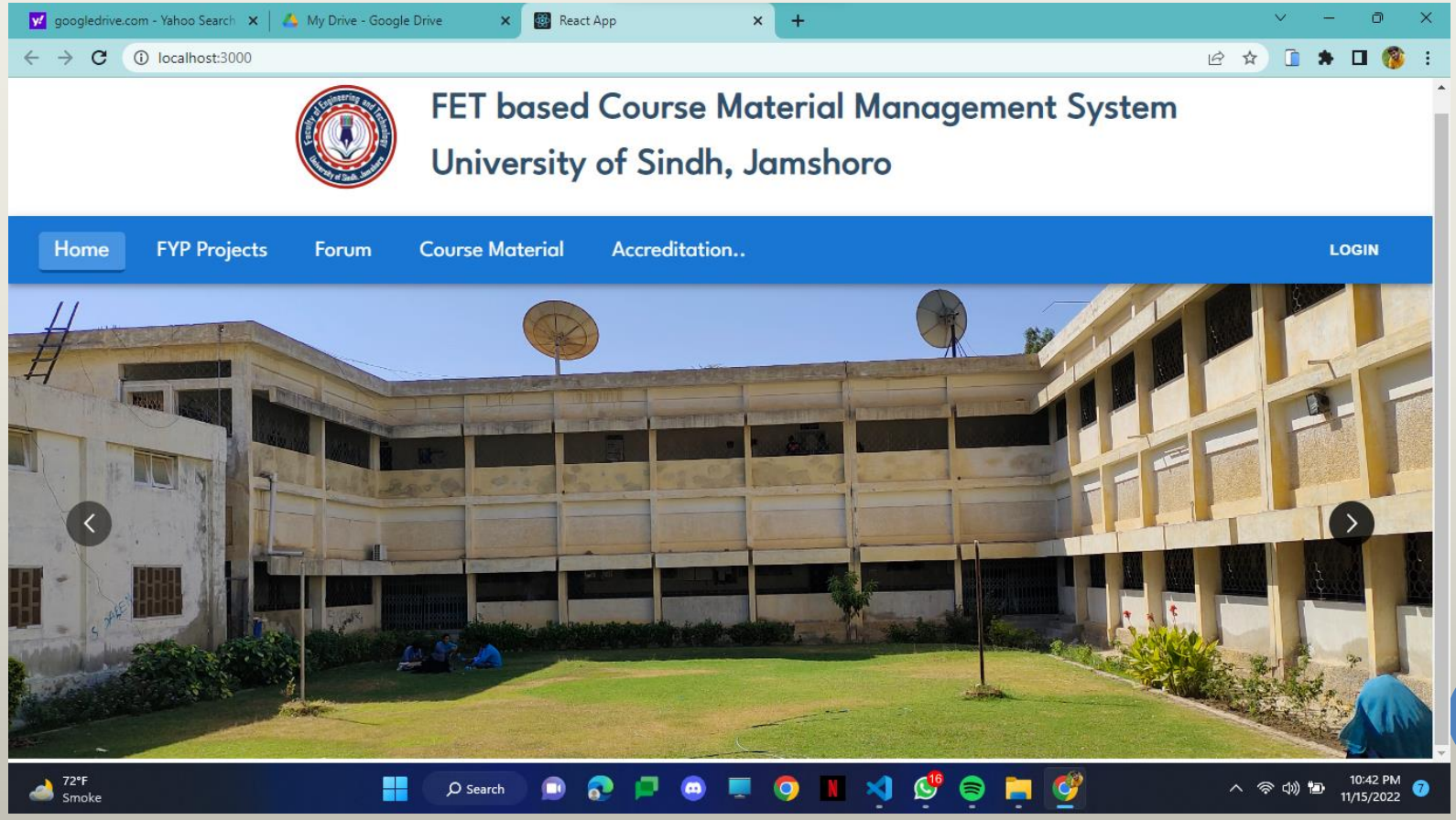
- TEACHER'S PANEL – UPLOAD COURSE



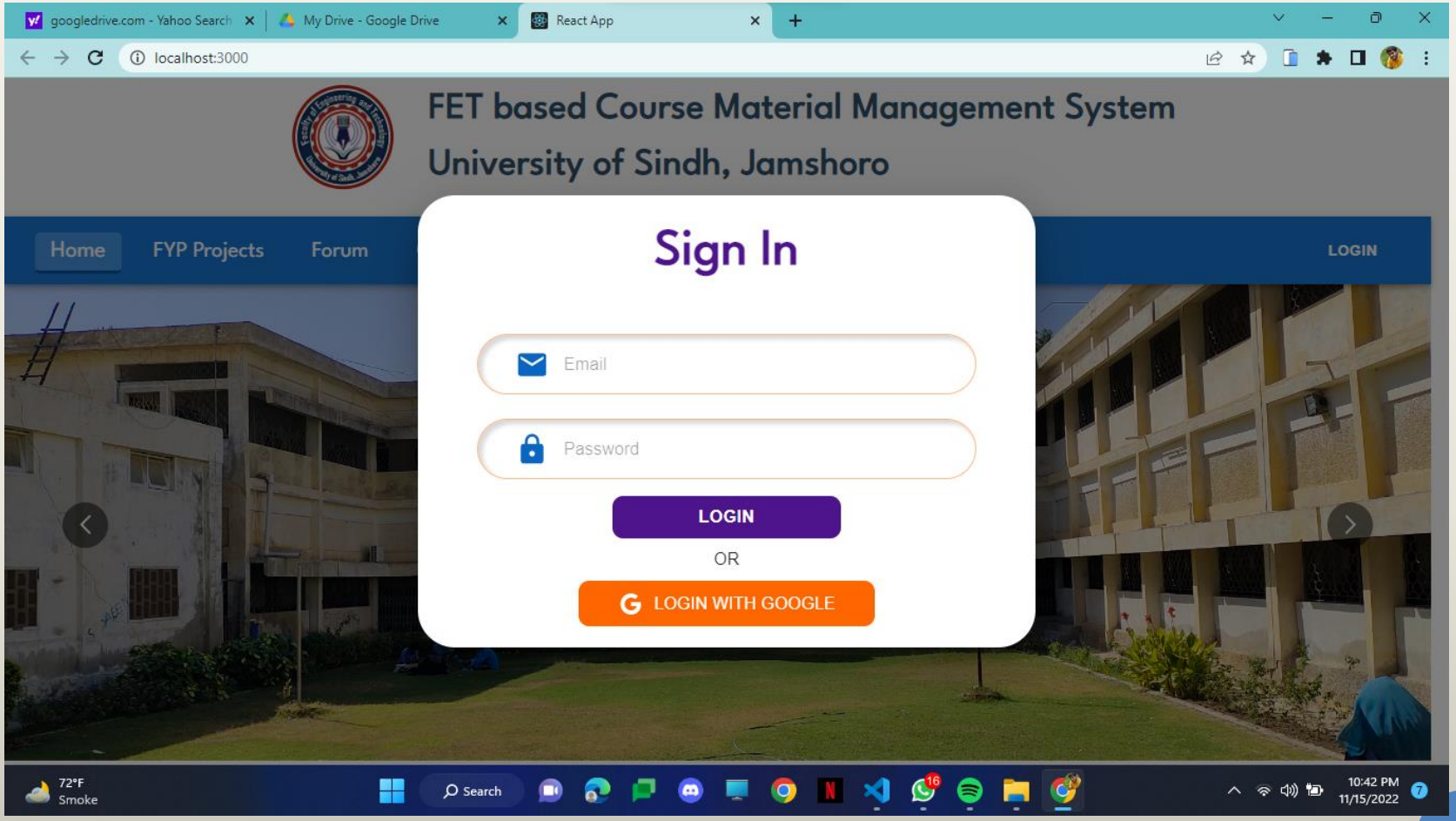
PROGRESS REPORT

FRONT-END

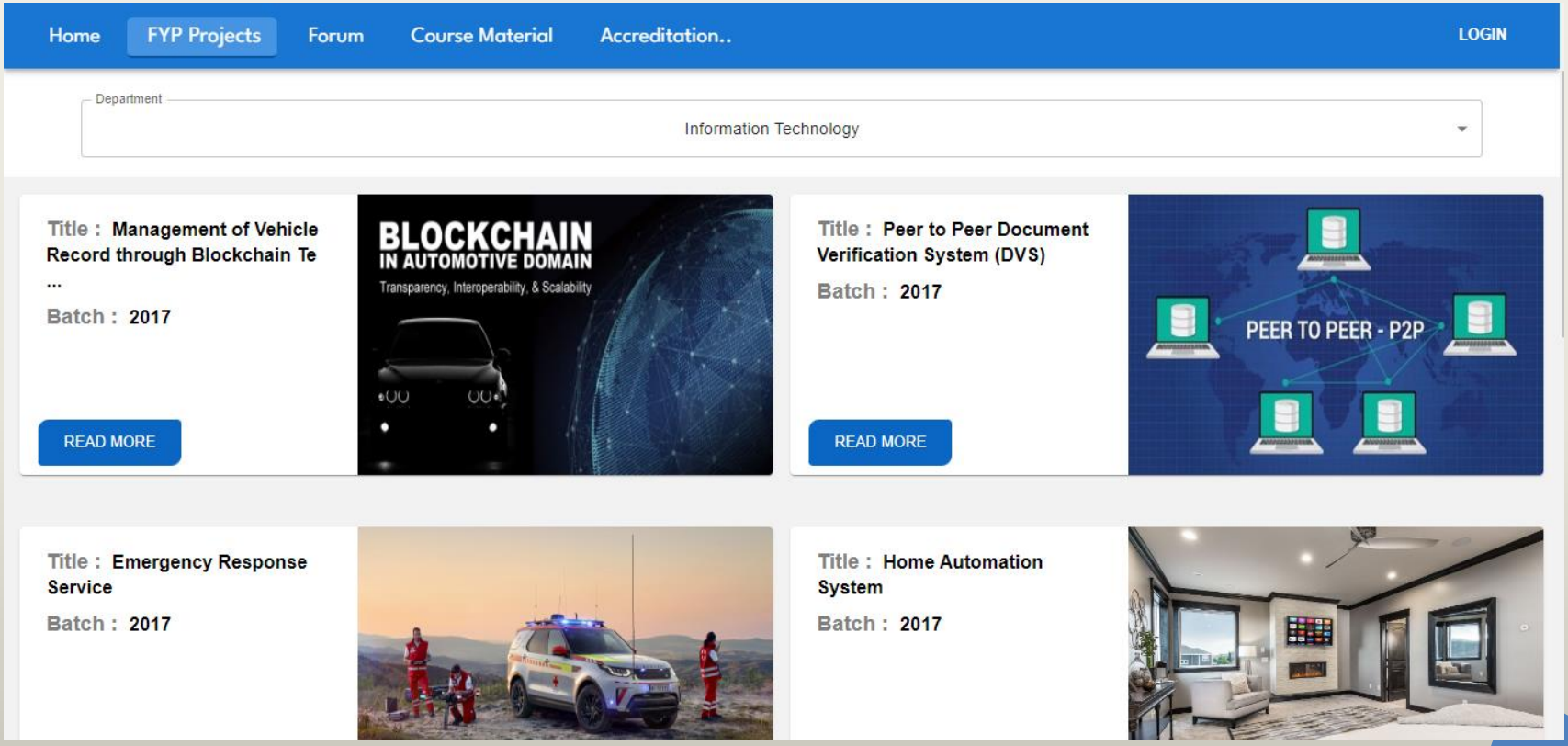
1. Home Page



2. Login Functionality



3. Project List



4. Project Detail

Home | FYP Projects | Forum | Course Material | Accreditation.. | LOGIN

Title : **Emergency Response Service**

Batch : **2017**

Technologies : **Java, XML, Firebase, Google Maps Api, Andriod Studio**

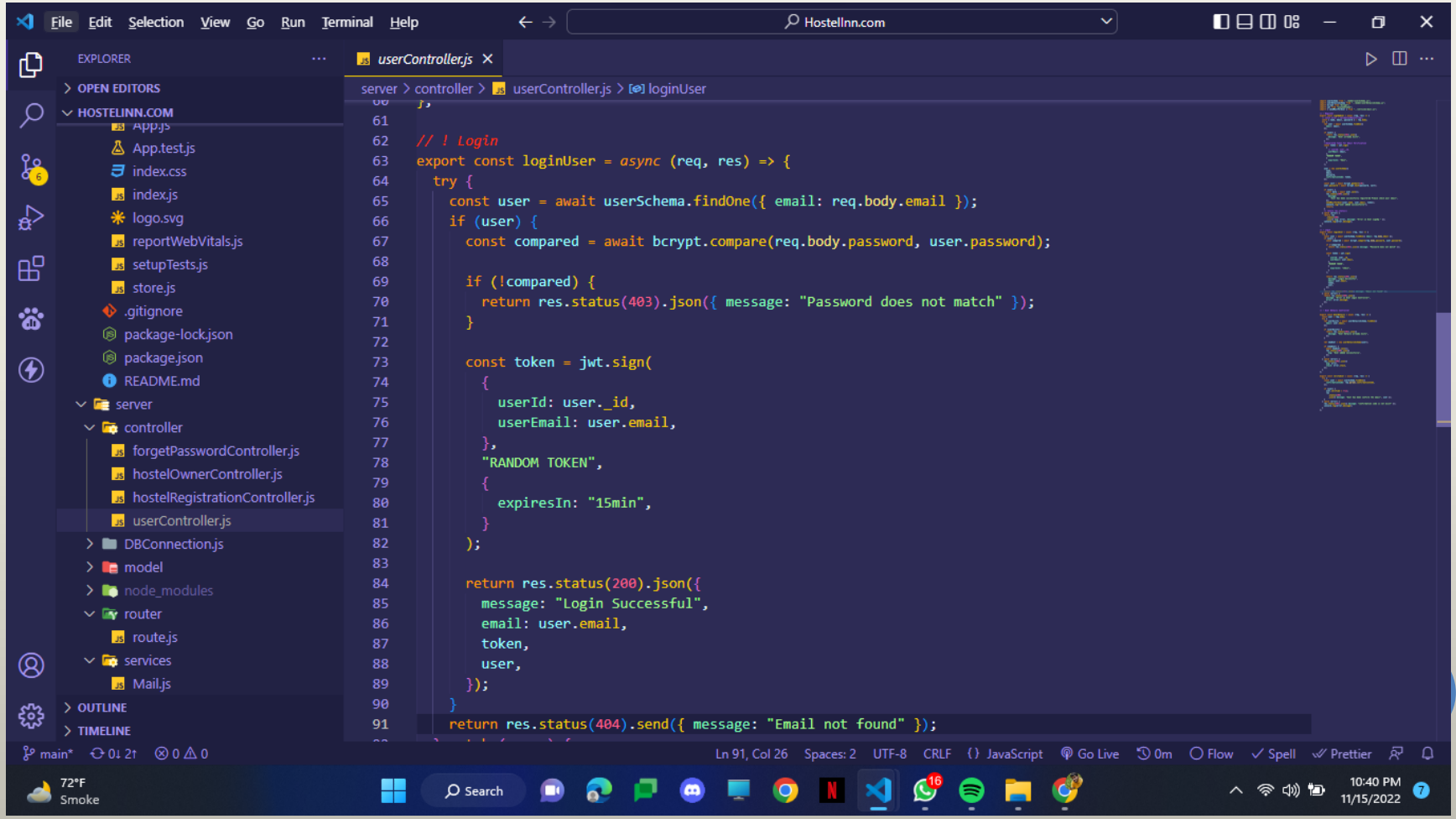
Supervisor : **Ms. Nazish Bashir**

Abstract

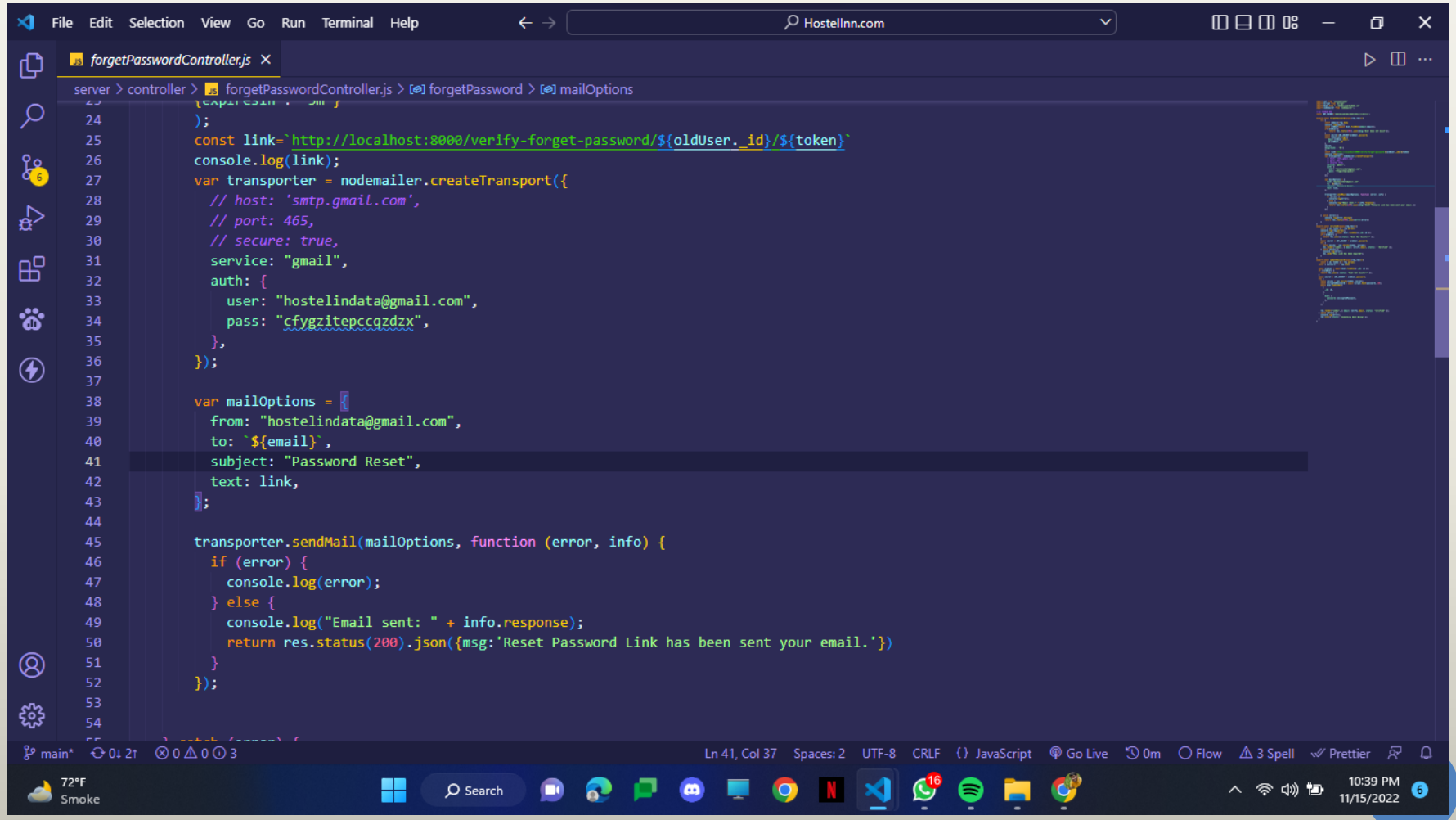
Emergency is a critical matter which must be dealt with quickly and efficiently. Situations like health emergencies or fire incidents can cause huge life and property loss if help is delayed or doesn't reach at all. The proposed system is designed and developed to reduce these delays, by providing a reliable and efficient communications infrastructure to people and responders and by bringing them closer. The project is based on two android applications for people and responders respectively.These applications are integrated with each other to provide the functionality of sharing communication, route and locations between people and responders.It currently caters to ambulances and fire brigades which can be reached by using application's automated functions thereby reducing the chances of time waste and misinformation regarding people's locations. This system is a step in the right direction in improving

Backend

- 1. Login API



2.Forget Password API



3.File Save API

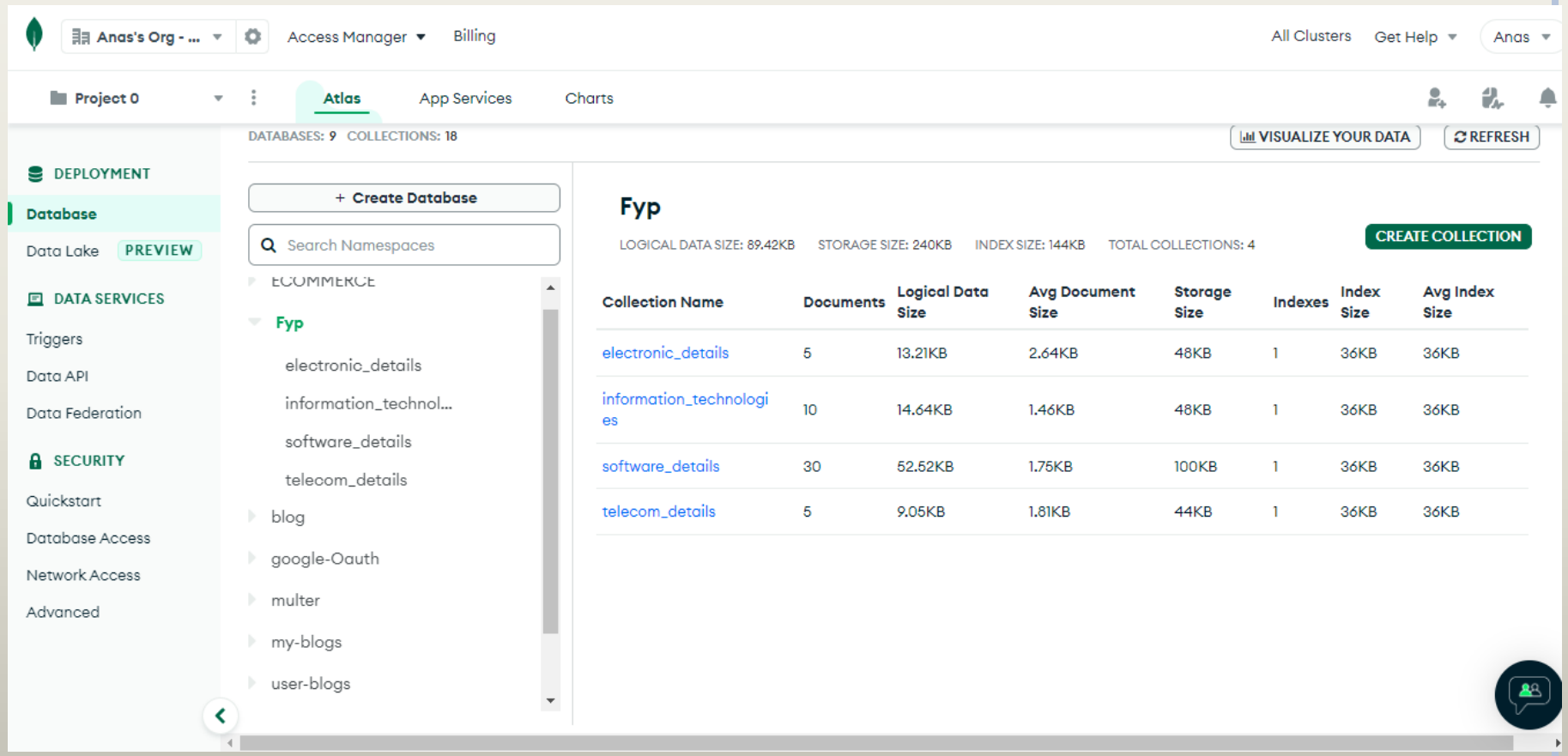
```
// var upload=multer({storage:storage})

const storage = multer.diskStorage({
  destination: (req, file, cb) => {
    cb(null, "uploads");
  },
  filename: (req, file, cb) => {
    cb(null, Date.now()+'_'+ file.originalname);
  },
});

const upload = multer({ storage: storage });

app.post('/',upload.single('image'),async(req,res)=>{
    try {
        console.log(req.file.filename);
        const saveImage= new ImageSchema({
            name:req.body.name,
            img:{
                data:fs.readFileSync('uploads/',req.file.filename),
                contentType:"image/png"
            }
        })
       await saveImage.save();
       return res.status(200).json({msg:'Image saved to the mongoDB'})
    } catch (error) {
       return res.status(500).json({error:error.message})
    }
```

DATABASE: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Access Manager
Billing
All Clusters
Get Help
Anas
Project 0
Atlas
App Services
Charts
DEPLOYMENT
Database
Data Lake
PREVIEW
DATA SERVICES
Triggers
Data API
Data Federation
SECURITY
Quickstart
Database Access
Network Access
Advanced
DATABASES: 9 COLLECTIONS: 18
VISUALIZE YOUR DATA
REFRESH
+ Create Database
Search Namespaces
ECOMMERCE
Fyp
electronic_details
information_technol...
software_details
telecom_details
blog
google-Oauth
multer
my-blogs
user-blogs
Fyp
LOGICAL DATA SIZE: 89.42KB
STORAGE SIZE: 240KB
INDEX SIZE: 144KB
TOTAL COLLECTIONS: 4
CREATE COLLECTION
Collection Name
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Logical Data Size
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Storage Size
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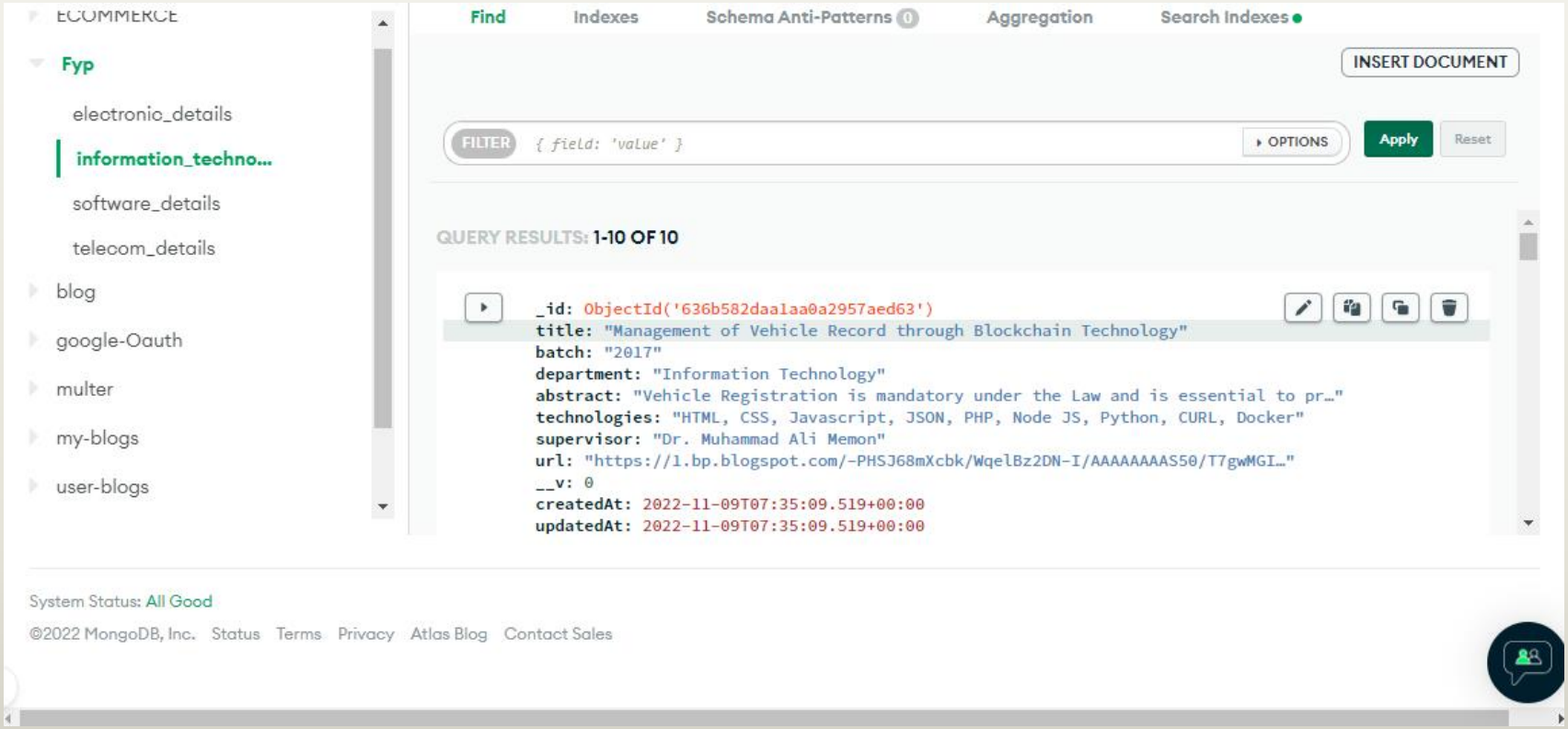
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Fyp
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information_techno...
software_details
telecom_details
blog
google-Oauth
multer
my-blogs
user-blogs
Find
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supervisor: "Dr. Muhammad Ali Memon"
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System Status: All Good
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