**Abstract**

**Insight Hub - An Offline Student Portal**

**Overview**

Insight Hub is an innovative offline student portal designed to provide students with **uninterrupted access** to educational resources such as **videos, notes, and important questions**. The platform ensures that learning materials are available anytime, regardless of internet connectivity.

**Problem Statement**

Many students face challenges in accessing online educational platforms due to **unstable internet connections**. This leads to **disruptions in learning** and limits access to study materials.

**Objective**

* To provide a **user-friendly offline platform** for students.
* To allow faculty members to **upload and manage educational resources** efficiently.
* To enable **secure access and authentication** for both faculty and students.
* To ensure **easy navigation** through subjects, units, and resources.

**Methodology**

* **Frontend**: React.js with TypeScript
* **Backend**: Spring Boot (Java)
* **Database**: MySQL with Hibernate (JPA)
* **Authentication**: Session-based authentication with role-based access control

**Expected Outcome**

* **Improved accessibility** to educational resources for students.
* **Streamlined content management** for faculty members.
* **Enhanced learning experience** without internet dependency.
* **Secure and structured** data management.