



## **Project Synopsis**

### **Smart Class**

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### **Introduction**

Smart class is a web application built on java servlets, this application is like a online classroom application where teacher and student have different dashboard to work on with, teachers create the subjects that they take class, teacher can assign the assignments regarding the subject and can add videos and materials regarding the subject, whereas student can access those materials and videos respectively through students dashboard according to the subject he has.

And this application includes internal assessments marks and exam time table and so on these are uploaded by the respective teachers.

### **Existing System**

Almost all existing systems are generic systems they are not made according to the consumer's request, if it has one thing and it may not have another thing like if it has assignments, videos and materials it will not have internal assessments results and exam time table and Results and so on.

### **Proposed System**

Proposed System is a bespoke web application this is made according to the consumer's request and it has all the features that existing system have and even new features are also added like results.

### **Minimum Software Requirements**

- Eclipse IDE java Enterprise Edition (any version)
- MySQL Server version 8.0
- Apache Tomcat Server 9.0 and above
- Browser (Chrome/Microsoft Edge) preferably latest version

## **Minimum Hardware Requirements**

- CPU Intel i3 or above
- Ram 2GB or above
- Disk Space 90GB

## **Modules**

1. Home: in this module there will be info about the smart class application and navigation for the teacher login and student login.
2. Teacher: In this module teacher will have the features to work on with the application like adding subjects and assigning assignments to the students and updating the IA marks and exam time table, teachers can share the videos and study materials regarding the subject.
3. Student: In Student dashboard he /she can access the internal marks and exam time table and access the materials and videos given by the teachers through the application.

## **Conclusion**

Smart classroom is a very helpful Application for the teachers and student as well

To conduct the online classes seamlessly where every information and features needed is available in one single application, which makes the students to learn and adopt the knowledge easily with more time to study rather than spending on different application.