
 <p><b>SRI KRISHNA INSTITUTIONS</b> COIMBATORE</p>	<p align="center"><b>SRI KRISHNA INSTITUTIONS</b>  <b>(AN AUTONOMOUS INSTITUTION)</b>  <b>(APPROVED BY AICTE AND AFFILIATED TO ANNA UNIVERSITY</b>  <b>CHENNAI)</b>  <b>ACCREDITED BY NAAC WITH “A” GRADE</b></p>	 <p><b>ANNA UNIVERSITY</b>  <b>CHENNAI</b>  <b>PERFECTION THROUGH PERFORMANCE</b>  <b>1923</b></p>
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**PROJECT TITLE : SMART CLASSROOM**  
**TEAM NO : 09**

### **TEAM MEMBERS**

**PECHI MUTHU J**  
**PREETHI S**  
**NITHEESH S**  
**RANGANAYAGI P**

## **ABSTRACT:**

- Smart Classroom is a virtual classroom which **connects learners and instructors.**
- **Timed attendance** is developed to get the accurate attendance from the students to maintain them to stay alert all the time.
- **Group chat** allows the learners and the instructors to communicate with each other.
- Complex **exam proctoring** is made **easy** using this application.

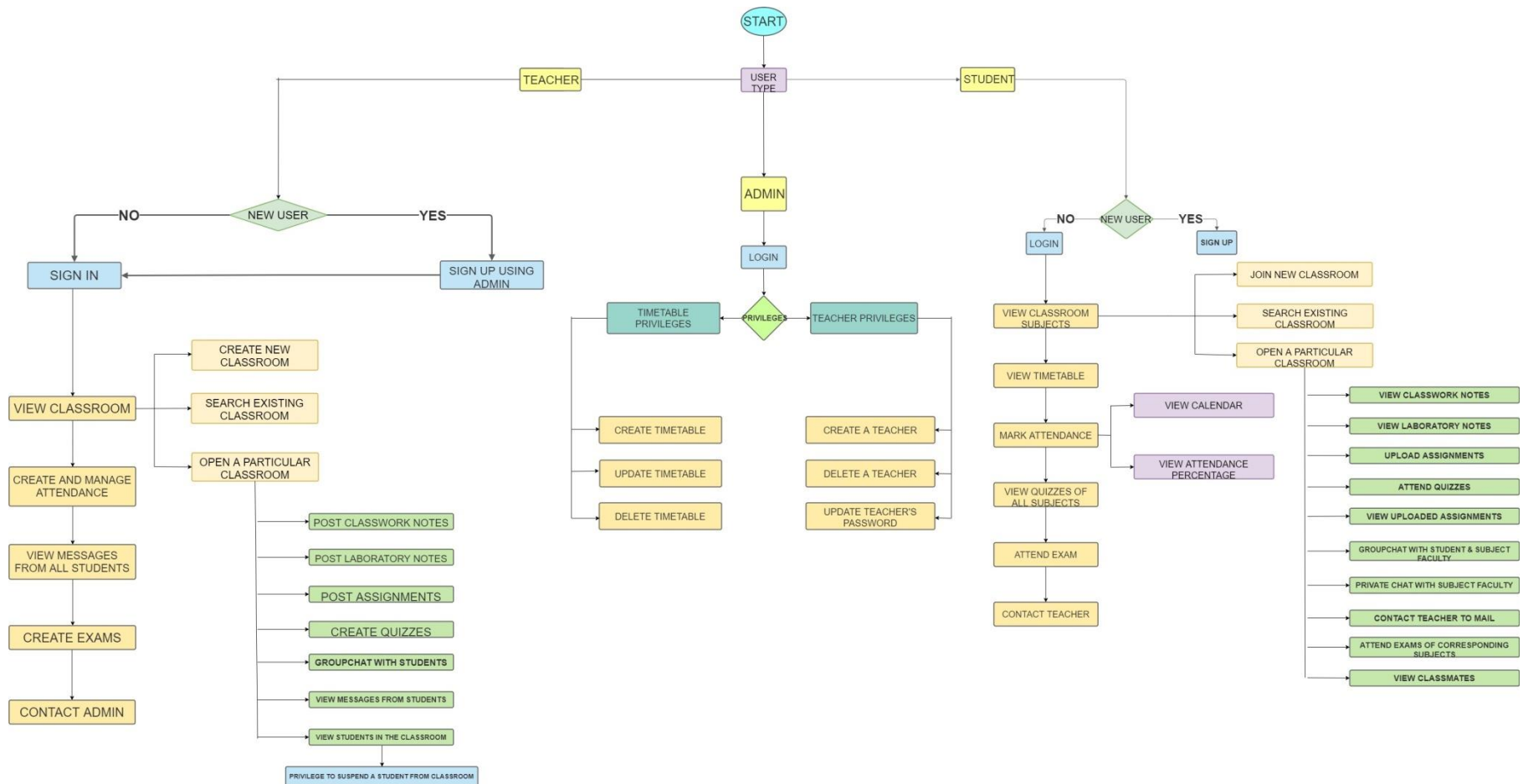
## PROBLEM IDENTIFIED :

- In the existing system, there is **no attendance system** users have to use an external application (manual attendance or Google forms)
- There is **no exam portal** so that the users have to use an external application .(Examly )
- There is **no quiz portal** so that the users have to use an external application. (Quizizz )
- There is **no group chat** options so that the users have to use an external application.(Whatsapp)

## NOVELTY PROPOSED:

- In the proposed system there is an **attendance management** system developed and incorporated within the application.
- An exam portal with **web cam monitoring** is developed within the application using face recognition.
- A **group chat** facility is developed in this application.
- **Timetable** is created which connects g-meet and the classrooms.

# DATA FLOW DIAGRAM:



## SELF EVALUATION:

S.NO	FILED	MAXIMUM	CLAIM	GRANTED
1	NOVELTY	30	27	
2	PRESENTATION	20	19	
3	DOCUMENTATION	20	18	
4	EXECUTION	15	14	
5	VIVA VOCE	15	13	
6	TOTAL	100	91	