

# Distributed Lecturing and Examination System (DLES)

Project ID: PDCN-27

Project Supervisor

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# Distributed Lecturing and Examination System (DLES)

- To create an e-learning environment that will help to inspire the shared and supportive environment of a real-world classroom.

Live sharing of lecture materials

Provide Real-time whiteboard

Web based application

- Conducting online examinations
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# Background

- Benefits of distance learning
  - Knowledge sharing
  - Retrieve missed lectures
  - Educational networking
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# Users & Benefits

- Students
- Lecturers
- Professionals
- Any business organization



# DLES

It shows an innovative approach to distance learning by integrating technologies that facilitate different lecturing/learning modes





# Objectives & Uniqueness

**Main objective** of our project is to implement a user friendly web based Distributed Lecturing and Examination System

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# Objectives

- Real time lecture conducting/viewing
- Real time whiteboard viewing
- Recording and storing lecture videos
- Viewing the lecturer/student
- Lecturer and student interaction
- Online examination center with real time monitoring

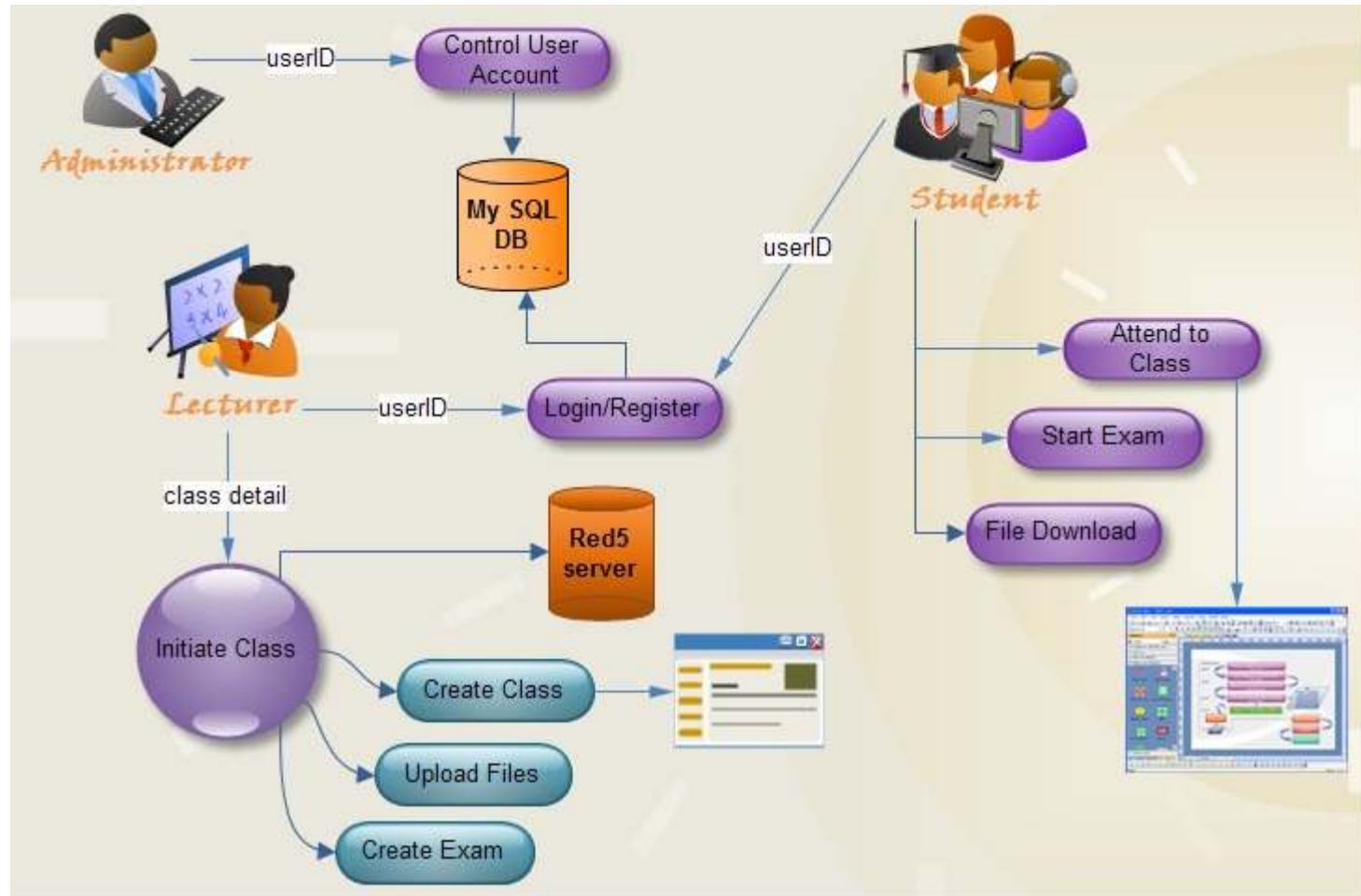




# How DLES is Unique???

DLES is a single user friendly web based module with all the mentioned online education features built together!!!

# System Diagram

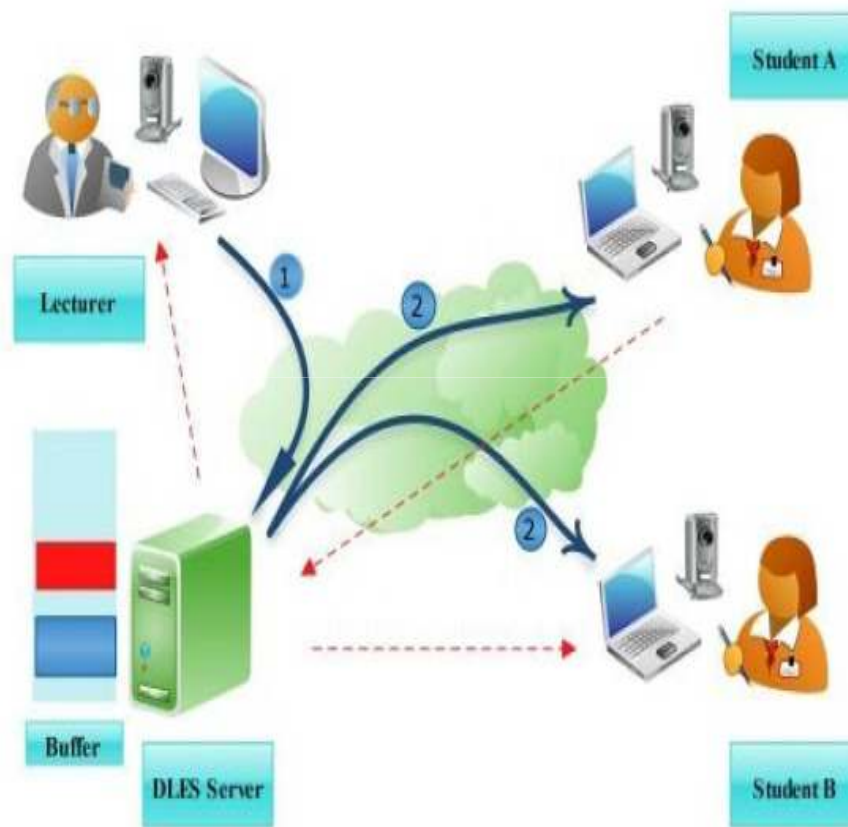




## How it works !!!

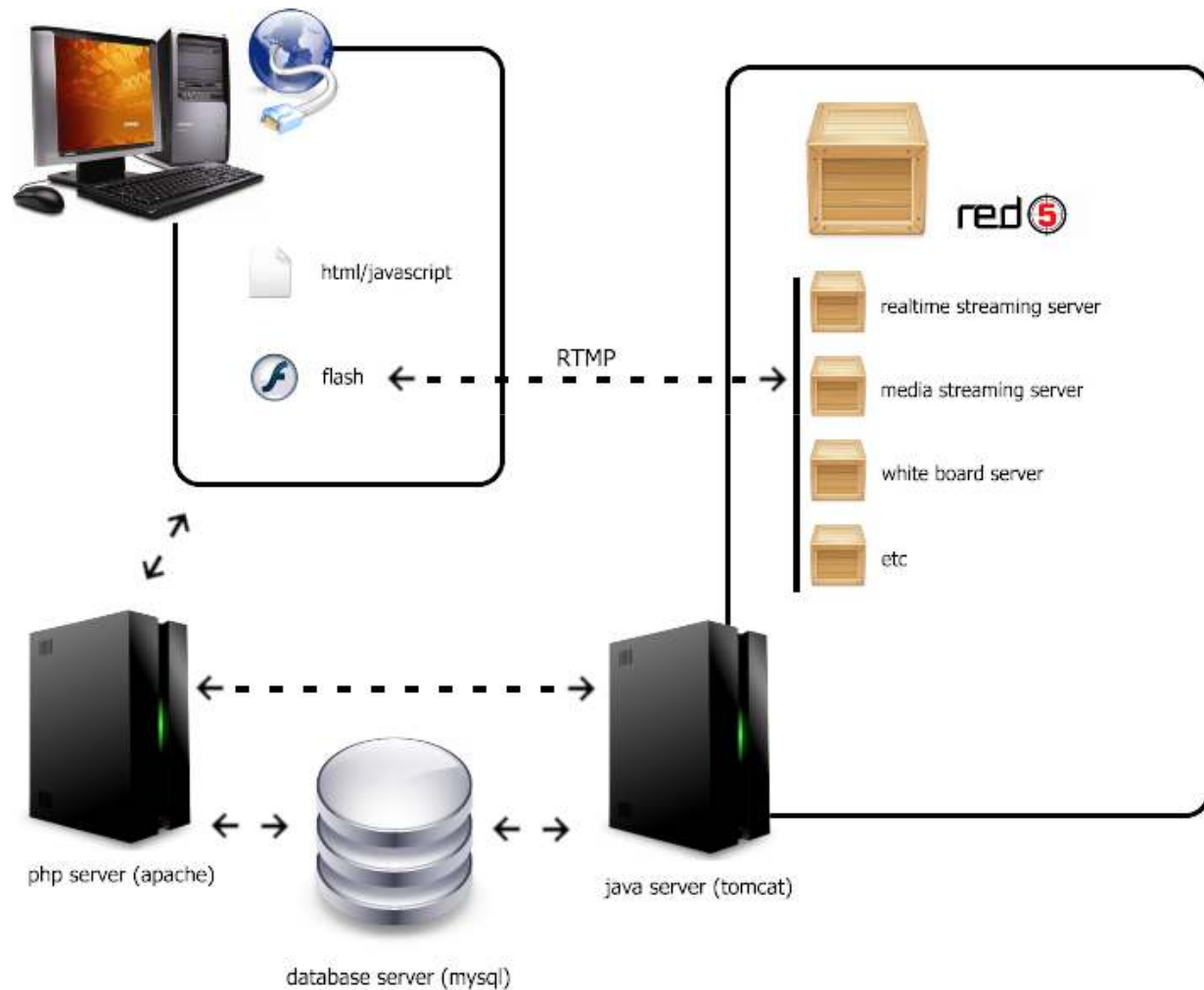
- All the users should register with DLES website first.
- Lecturer can create a class and assign session times.
- Student can send a request to join a class and when lecturer approves he can join the class. Student will be assigned credentials to join the class.
- Student can enter the class page during session time.

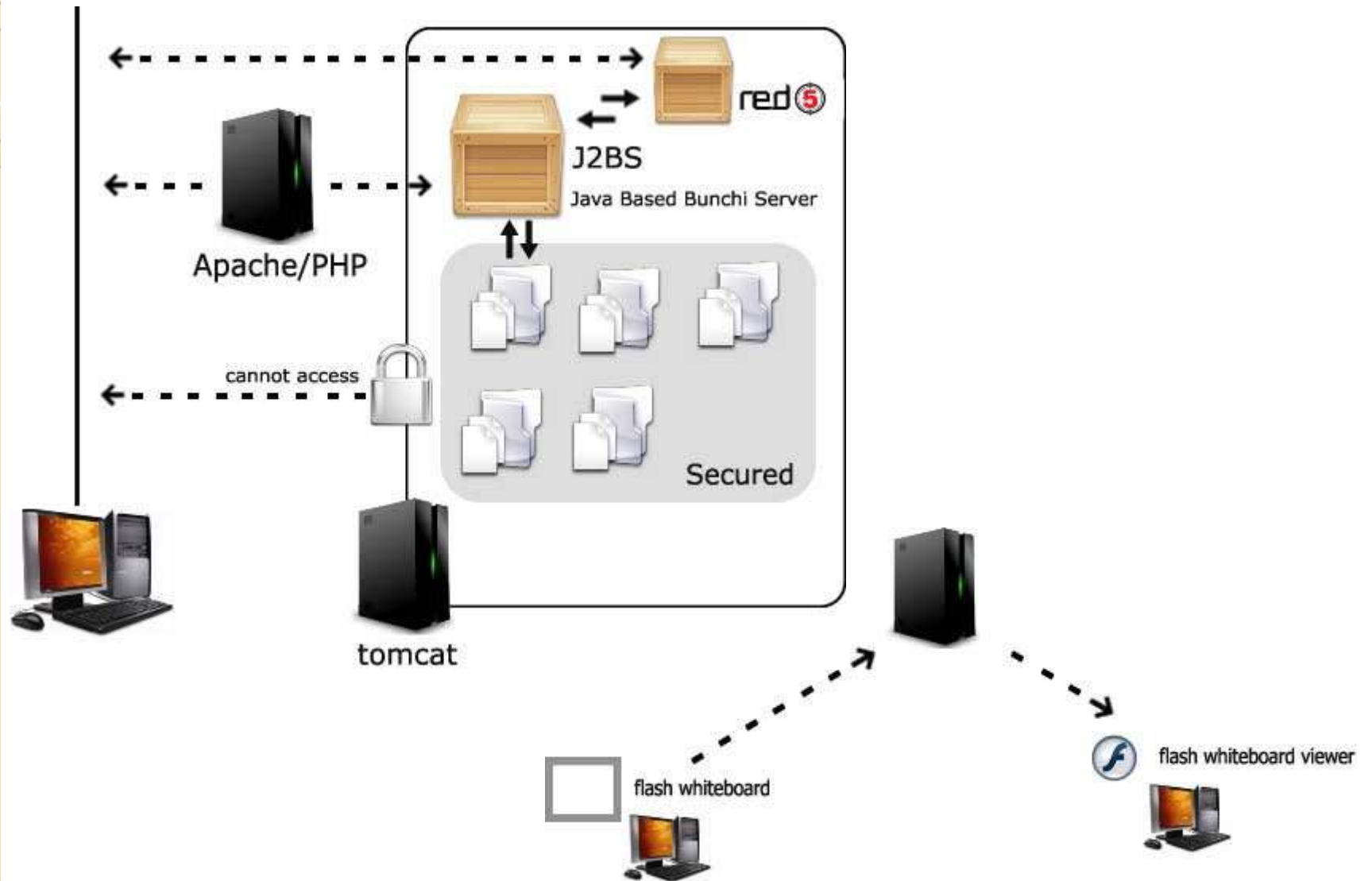
# How it works !!! Cont'd



- Real time video and audio
- Real time whiteboard
- Real time lecture material sharing
- Real time lecture slide viewing
- Exam center
- Course web for each class containing all the materials
- Online chatting (can be controlled by the lecturer)
- Home page for each user
- Security controls using ACLs

# Technology and Methodology























# Demonstration

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# Product Comparison

Products	Live sharing of lecture materials	Provide Real-time whiteboard	Provide examination system	Web based
eLecta Live				
INTOWEB				
Virtual Blackboard				
DLES (our system)				





**Thank You...**