

Distributed Lecturing and Examination System (DLES)

Project ID: PDCN-27



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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



Background

- Benefits of distance learning
 - Knowledge sharing
 - Retrieve missed lectures
 - Educational networking
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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)				

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



Objectives

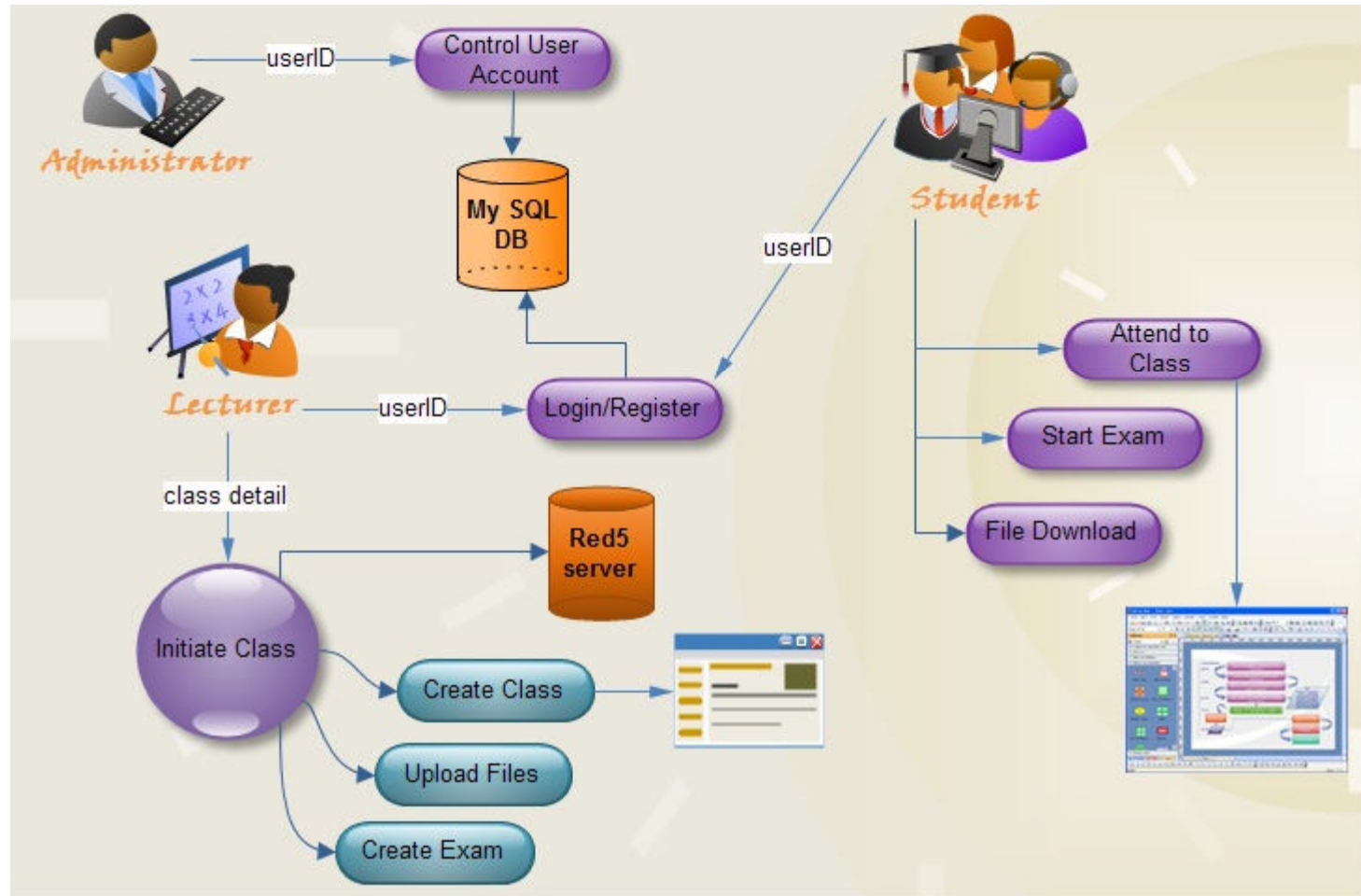
- Real time lecture conducting/viewing
- Real time whiteboard viewing
- Recording and storing lecture videos
- Viewing the lecturer/student
- Lecturer and student interaction
- Online examination center with real time monitoring



How DLES is Unique???

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

System Diagram

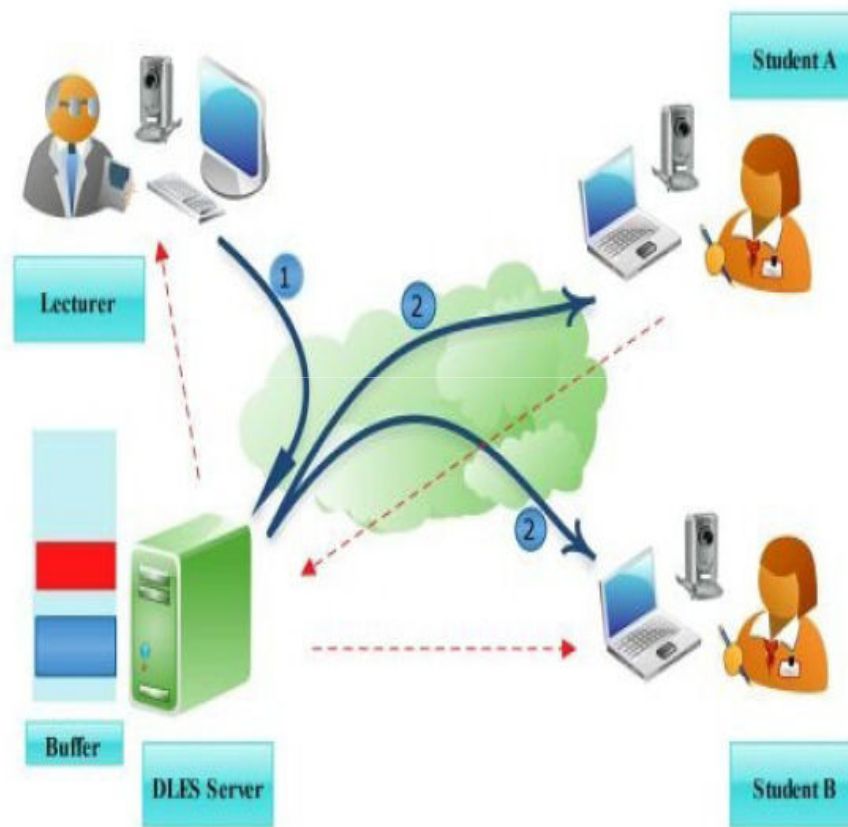




How it works !!!

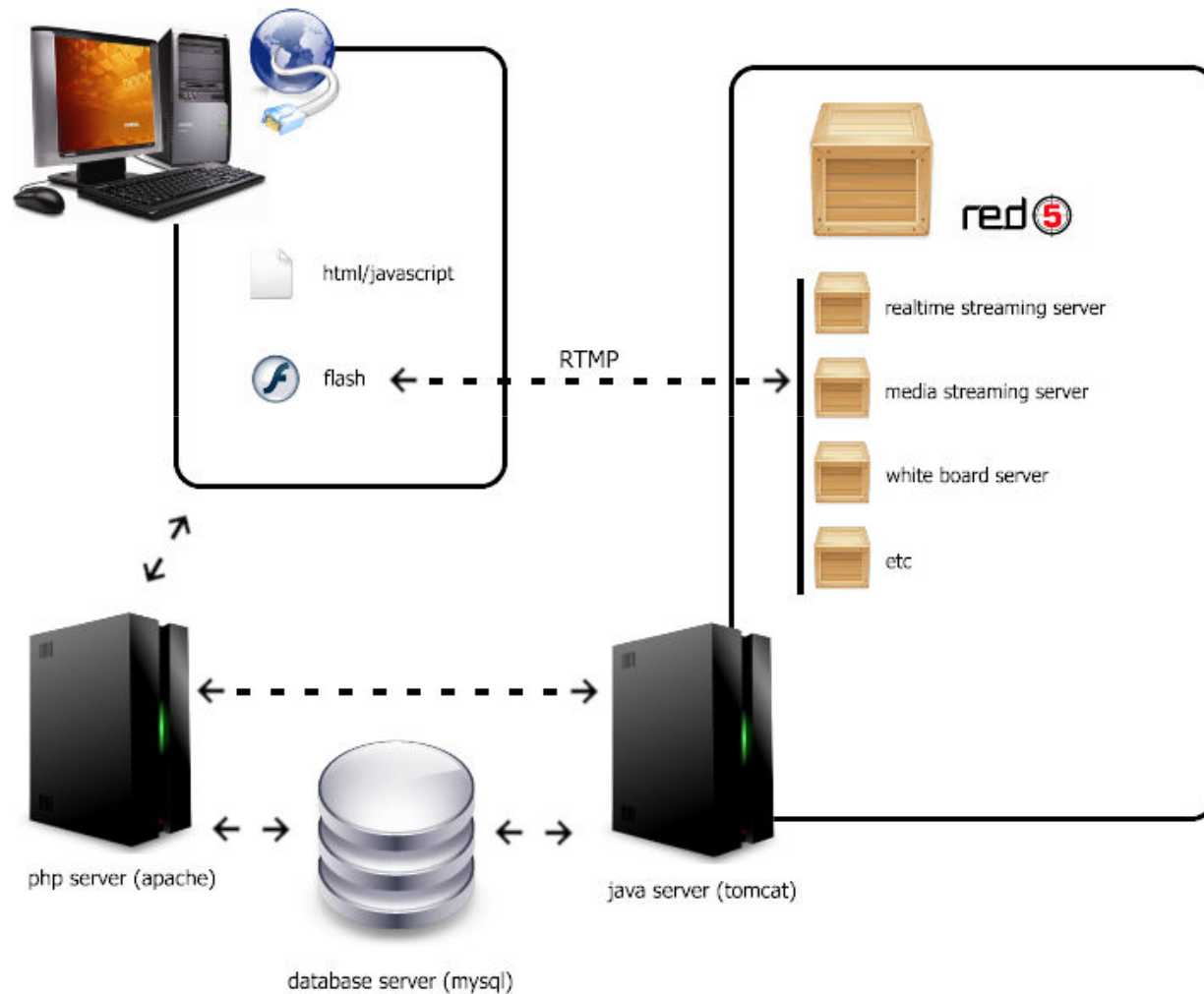
- All the users should register with DLES website first.
- Lecturer can create a class and assign session times.
- Student can send a request to join a class and when lecturer approves he can join the class. Student will be assigned credentials to join the class.
- Student can enter the class page during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

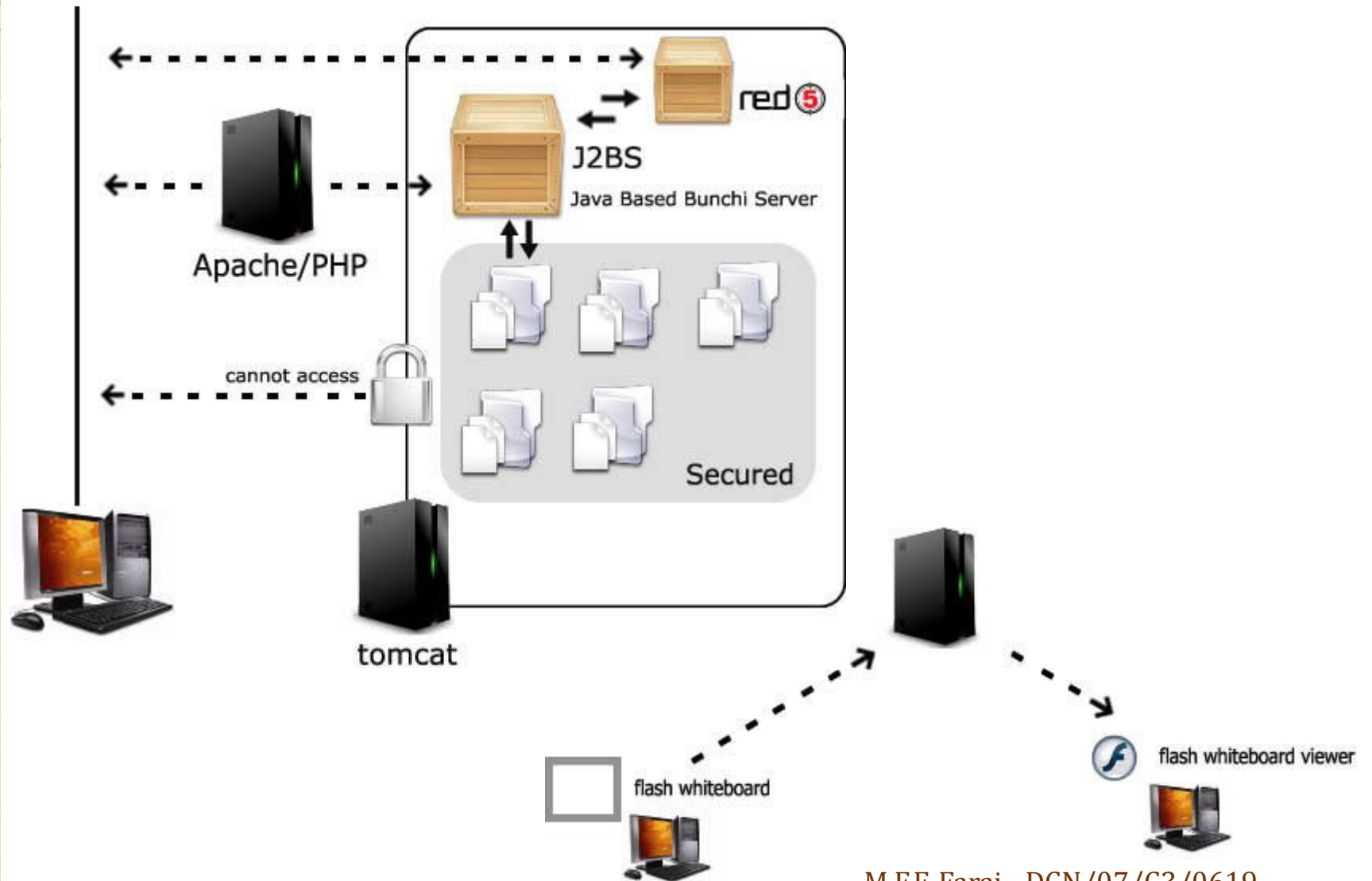
How it works !!! Cont'd



- 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





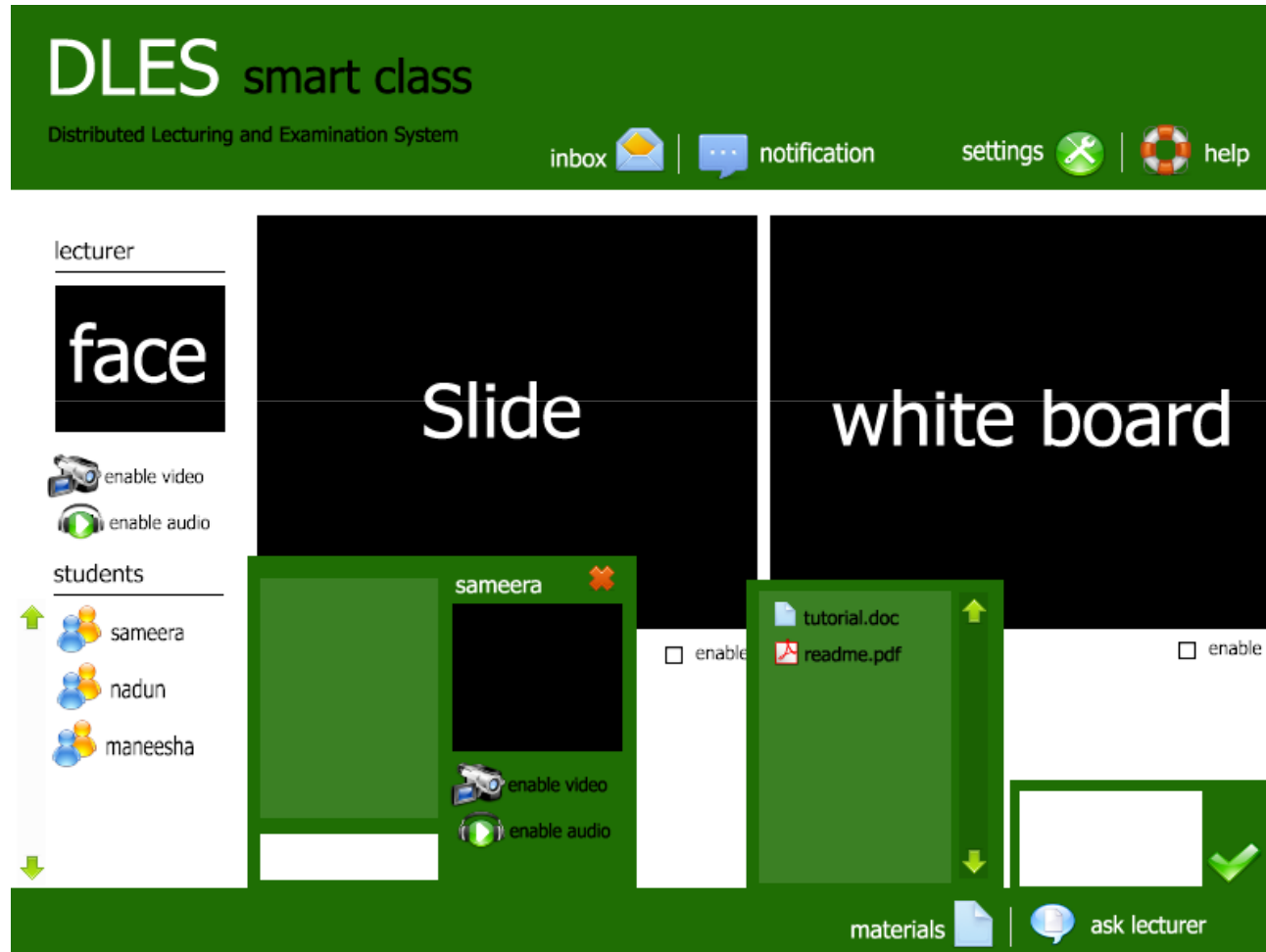
Users & Benefits

- Students
- Lecturers
- Professionals
- Any business organization

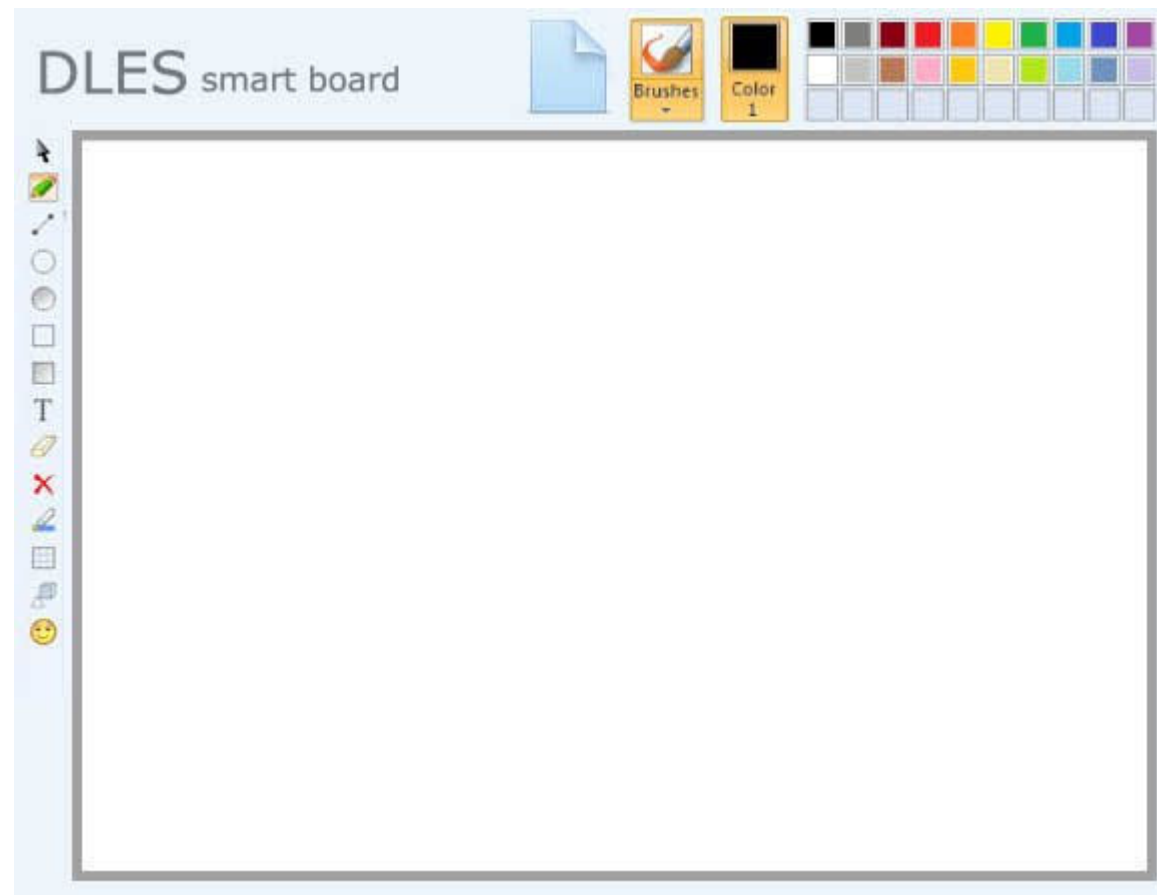


Conclusion

System interface



Smart board



Examination center interface

The screenshot displays the DLES exam center interface. At the top, a green header bar contains the text "DLES exam center" and "Distributed Lecturing and Examination System". To the right of the header are links for "inbox", "notification", "settings", and "help".

On the left side, there is a sidebar for the "lecturer" section. It includes a "face" logo, buttons for "enable video" and "enable audio", and a "students" list with three names: "sameera", "nadun", and "maneesha".

The main area shows a question: "what is the answer for the question which is asked?". Below the question are four radio button options: "answer one", "answer two", "answer three", and "answer four".

At the bottom right, there is a "materials" section with a list of files: "tutorial.doc" and "readme.pdf". Below this is a "ask lecturer" button.



Thank You...