

Constraints and Future scope

Name: SMART CLASS APPLICATION

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Constraints

- No encryption standard is used as there is no need for confidentiality
- In WhiteBoard every pixel is sent continuously, so in certain cases packets are lost due to congestion.
- File size is restricted to 5 MB
- Percentage of CPU usage is high
- Changing the nickname resets private message data

Future scope

- Recording of a in-app-session and storing it in the memory so that it can be played back.
- Ability to capture important screen shots of the WhiteBoard states and automatically send them to students
- Conducting Tests wherein students wherein question papers would be broadcasted to students similar to current file sending and the students can submit the answers privately to the teacher.

- Audio transmission over WiFi by teacher and recording facility to the students
- All the functionalities that currently work on WiFi can be carefully expanded to work over the internet for global usage