

Scope

Name: SMART CLASS APPLICATION

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- Application contains Two Modes: Student and Teacher
- Teacher and Students all have to be connected to the same WiFi Network
- There can be more than one teachers on the same Network if required
- Teacher and Students can have a discussion in the Public Discussion Section of the Application where all the messages are visible to everybody
- In case a Student wants to ask Teacher a personal doubt then he / she can send his / her doubt to the teacher which can be viewed only by the Teacher
- Teacher can then respond to the Student's query accordingly
- Also Teacher will have a list of names of all the students associated with the classroom.(i.e- On the same WiFi network)
- So, this will help the Teacher to initiate a conversation, in case the need arises
- Personal message will trigger a notification to the receiver
- White Board Facility for better understanding
- Drawing Control is only held by the Teacher
- Students will just observe on their respective Tablets, they are not allowed to draw
- Whenever Teacher draws on the WhiteBoard then immediately it gets replicated on the student's tablet automatically

- This Whiteboard features include
 - Colours – Blue, Black, Red, Green
 - Width – Varying from 1 to 16
 - Eraser and Clear All functions
 - Undo and Redo Functions
- The similar effects will get reflected on the students tablets.
- Teachers can Push Files from his / her Tablet to the Students
- Students will then be able to view them in their application
- Students are not allowed to send Files
- File Size limit is set at 5MB
- Every Person can edit his / her Nickname using which he'll be identified in the Network

Applications:

- Situations where basic infrastructure like Board and chalk is inavailable
- Uniform participation of everyone in a Large Class Room
- Chance to ask doubts to the teacher using a nickname which can be helpful for shy students
- Distributing files to the students at one go
- Modernising the way we learn