

**Research Award:
Silver Medal in Creation, Innovation, Technology & Research
Exposition (CITREX 2013), UMP
Project Title: Wireless and Configurationless iClassroom System
Researchers: Dr Mohamed Ariff Amedeen, Zafril Rizal M Azmi**

The Wireless and Configurationless iClassroom System is targeted for any level of classroom environment be it in a primary education environment up to tertiary education environment. This is because of its unique zero-configuration



Figure 1 depicts this scenario with three tablet computers connecting with the notebook computer wirelessly, while the notebook computer accesses the remote database in the external storage wirelessly as well. The three tablet computers used in Figure 1 serves only as an example of how the connection is made, not as a limitation to how many simultaneous connections can be made between the tablet computers and notebook computer.

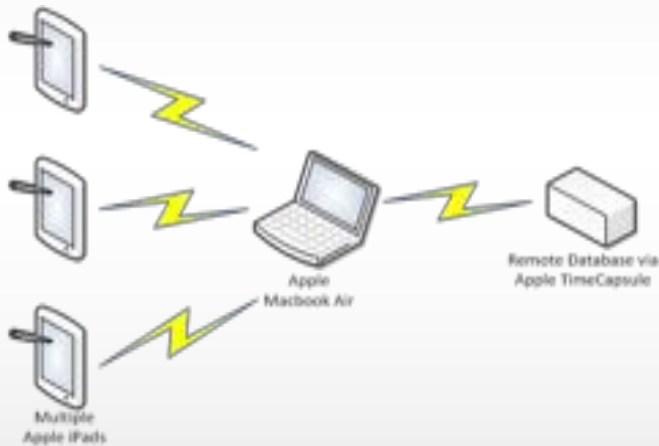


Figure 1

environment that allows users of limited technological backgrounds to operate with absolute ease.

For each classroom environment, it is assumed that there would be one instructor with numerous students. As such, the instructor would be in control of the central notebook computer (or in this case, the Apple Macbook Air) while each student will be in charge of a tablet computer (or in this case, an Apple iPad). Each classroom should also feature an external storage device capable of the Bonjour protocol for storing the remote database (in this case, the Apple Time Capsule).

