

UITS conducted preliminary research, consultations, planning and coordination with our internal UAEU partners, sister institutions, Apple Inc. and other technology partners around the globe. It took 6 months of planning and implementation to develop a state of the art infrastructure that goes hand in hand with a long term strategy to support a gamut of mobile device adoption. As a result, Summer 2012 saw the implementation of the following tasks to fulfill infrastructure requirements:

- Upgraded the whole UGRU wireless network infrastructure to provide strong and reliable connection to any type of mobile devices.
- Developed two different wireless networks for faculty and students based on their operational activities.
- Enhanced the intranet network bandwidth speed to support the electronic content delivery.
- Implemented Airplay technology in all of the required classrooms within UGRU for faculty members to project their iPad screen on the smart board over the Air.
- Implemented AirPrint technology within UGRU for faculty members to print the required contents over the Air.
- Implemented a solution so that students and faculty members can access their shared drive using their iPad.
- Developed a dedicated portal for students and faculty

members to distribute paid and free academic applications on iPad.

- Developed a dedicated portal for faculty members to share interactive custom-developed iPad contents.
- Developed a dedicated technical support site to facilitate iPad users' queries and requests.

In August 2012, the infrastructure implementation phase was successfully completed and was ready to host thousands of mobile devices and relevant services. In September 2012, UAE Vice-President His Highness Sheikh Mohammed Bin Rashid Al Maktoum launched the iPad initiative, and currently more than 4000 students and faculty members within UAEU are exchanging academic contents, accessing grades, courses and shared drives, exploring the internet, discovering new interactive ways that make teaching and learning both engaging and fun.

UAEU infrastructure is successfully hosting almost 6,000 multi devices within UGRU and ready to accommodate many more. This success would not have been possible without the contributions of our professionals from administration, academics, IT and external institutions. In the near future, this initiative will be extended to other colleges and administrative units, and work is already underway to develop and streamline more academic applications and infrastructure plans.

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