TAG Smart Class at Jubilee School - 30/7/2015

Remarks

1. **Our partnership with Jubilee Schools**: we signed an MOU with Jubilee to cooperate in the fields of annual contests in web design, training, IP and digital education.
2. **TAG Smart Class**, a pilot project equipped with high-tech hardware components designed to enhance the learning process through creating a student centered classroom and changing the role of the teacher into facilitator using technology. It is one of the main components that will be an add-on for the blended learning role in the school. Giving our students the opportunity to explore the curriculum using technology will make learning a simple and enjoyable experience.
3. **TAG Smart Class** at Jubilee Schools approves that the smart education is the future of education in the whole world.
4. **Digital Natives and Digital Immigrants**: Schools need to start catering for 'digital natives' who are increasing exponentially in number. It is these learners that educators need to focus on as they are the future of the world economy.
   The International Telecommunication Union (ITU) has provided some very interesting global statistics, detailing the number of digital natives residing in various nations:
   - China – 75.2 million
   - USA – 41.3 million
   - India – 22.7 million
   - Brazil – 20.1 million
   - Japan – 12.2 million
   - Mexico – 9.1 million
   - Russia – 9.0 million
   - Germany – 8.3 million
   - Vietnam – 7.5 million
   - UK – 7 million
5. **Singularity in 2050 when humans and machines merge**: The Year Man Becomes Immortal. Anticipates a future in which machines cross an event horizon beyond which their intellects exceed our own. Surely it's only a matter of time – as the theory goes – before we finally escape, augment or otherwise overcome our natures and emerge into some new age of the human story.
   - We'll be uploading our entire minds to computers by 2045 within 90 years, Google expert claims.
   - Ray Kurzweil, Google's director, has predicted that the year 2050 is when machines will eventually outsmart humans.

- In 2050 robots will be able to flirt, crack jokes and tell stories as well as hold a conversation and learn from experience.
- Bill Gates says that: Artificial intelligence is the name of this century (in response to a question at a dialogue panel)

6. **Education Tsunami** : Stanford University President John Hennessy predicts that higher education will be hit by a tsunami of change and says:

   "A tsunami comes and remakes the coastline and changes things dramatically. It destroys some things, but it also creates new things."

   It is of utmost importance that we do not just stand and wait for this 'tsunami' to overpower our education system. Rather we need to adapt in order to provide a better education for future generations. Adapting is what we as humans do best, and this is what we need to do in order to preserve education for future generations.

7. Technology has and will continue to be a key factor in developing education. It is a freight train which cannot be stopped.

8. Our objective is to change peoples' attitude towards digital education. I want to prepare graduate students to become global citizens, equipped with the best skills to perform, make their mark in their respective economies, and compete on a global basis.

9. The role of our educators needs to move from teaching from textbooks, to becoming insightful, inspired scholars, promoting debate and richer learning amongst their students.

10. As a life-long learner myself, I took it as duty to fill the need of providing affordable, elite, accredited online education and established a concept which encompasses all the characteristics of a world-class educational institution. I have called this the Talal Abu Ghazaleh University. TAGI-UNI is a pioneering alliance bringing together the best educational institutions globally, under one umbrella.

11. **TAGIUNI** : The Talal Abu-Ghazaleh University (TAGIUNI) solution.
    - To make accredited educational programs accessible to everyone everywhere. Democratizing world class education.
    - The gateway to world-class education.
    - E-learners (not students) and tech trainers (not teachers).
    - Graduates for global citizenship.
    - Education as a human right UNGAID.
    - World class education (not education) for everybody.
    - Universities without walls (not real estate co.).

12. This project came to life because of the necessity of including technology in education, in order to conform with the development of other fields such as engineering, medicine, space, agriculture and modern era sciences, as our daily lives, work and social communication have become easier, faster, digitalized and more effective.

13. Finally :
    - Knowledge creation is the major source of wealth and increasingly so.

- The battle between Facebook and Google to dominate the next phase of digital growth has propelled the value of tech deals done so far this year to $50bn – a level not seen since the height of the dotcom bubble.
- Look at list of top billionaires in the knowledge industry (Forbes' Tech Rich List 2014).
- We need to fight Arabizi.
- Traditional education is facing an overwhelming tsunami that will sweep it!
- It is unfortunate that our government still doesn't accredit digital education. I hope they will open their eyes one day!

14. The smart classroom is now equipped with 26 laptops and a recording camera with a storage unit, in addition to an interactive smart screen. It aims to create a smart interactive environment in education, and to move from conventional education to learning where the teacher delivers the lessons on the smart screen using modern interactive software.

15. The smart class features conferencing and sharing with other schools during lectures in order to transfer knowledge between students and schools. All the classes will be recorded, streamed and uploaded on a storage unit allowing students to refer to the lectures at their convenience.

16. Project Phases: The project has been implemented in two phases
Phase 1: TAGI-UNI has already furnished and equipped the classroom with the following components:
- Epson Interactive Data show.
- Two Cameras. 25 tables
- 26 Chairs
- 26 Laptops

Phase 2: This phase is considered as the completion of phase 1. Now, the class is ready and fully equipped with the following components:
- Video Conferencing System
- Air condition
- 2 laptop cupboards
- Routers
- Microphones and speakers