# College of Computing and Information Technology
## Master of Information Systems
## Networking Applications

## Fall 2013

# Research Report
Report due on ( January 2014)
Presentations on (January 2014)

## <u>Suggested topics</u> (You are by no means limited to the following)

1. **Internet of Things (IoT)**
   Ayman Elshety
2. Networking applications for Wireless Sensor Networks
   Ahmed Magdy Elserafi and Mohamed Salah Eladawy
3. Content Distribution Networks
4. Video on-demand Technologies and Paradigms
5. Location-based services
   Mohamed Ammar
6. Mobile Cloud Computing applications and technologies
   Ahmed Mobasher
7. Mobile e-health (m-health) applications
   Ossama Soliman
8. M-Commerce Technologies (with focus on mobile payments)
9. Networking Applications for mobile ad hoc networks
10. Mobile Web Technology
    Ahmed Noaman
11. Network as a Service
    Mohamed Said

## <u>Requirements</u>
1. Report

- A report is required in a survey paper format of current research and state of the art in your topic area, plus an in-depth analysis of a specific subject/subtopic in the field.
- Technically oriented
- Based on at least 3 recent research papers in your topic area (include them in your report) as well as articles, websites, (reference them in your report).
- Minimum of *six* pages of content (original text, not from the papers)

- 12 point font, single line spacing
- 1 inch margins (top, bottom, left, right)
- Reporting practical performance evaluation results or demoing a practical/simulation aspect within the selected topic will be considered as bonus work.

2. 20 minutes Class presentation (Use PowerPoint slides and submit a printout with the report)

## Topic selection procedure

- Send me an email identifying your topic by Tuesday Dec. 24th 2013. Maximum number of students per group is 2. Groups consisting of 1 student are also allowed.
- Topic selection will be on a first-come first-serve basis.
- You will receive an email acknowledging the approval of the topic.
- Within a couple of days of receiving topic approval, you should send by email a listing of the 3 in-focus papers to be covered for approval.

## Presentation Schedule

To be determined