Week 13: Internet of Things; Course Summary; Exam Information

CB2500 Information Management

Smart Banking (BI)
Smart e-Services (ISSN)

Smart Global Business (GBSM)
Smart IS Auditing (ISA)

Internet of Things (IoT)

Internet of Things (IoT)

- Everyday objects embedded with hardware capable of sensing, processing, transmitting data

Internet of Things (IoT)

• Connect to a network to share data with any other applications, services, devices

Fashion Tech

A combination of apparel and smart technologies

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Smart Home

A home equipped with devices that can be controlled remotely by smartphones or computer devices

https://www.youtube.com/watch?v=wedwOQuMQbM

Smart City

An urban development that integrates IoT and information and communication technologies (ICT) to enable a better quality of city life
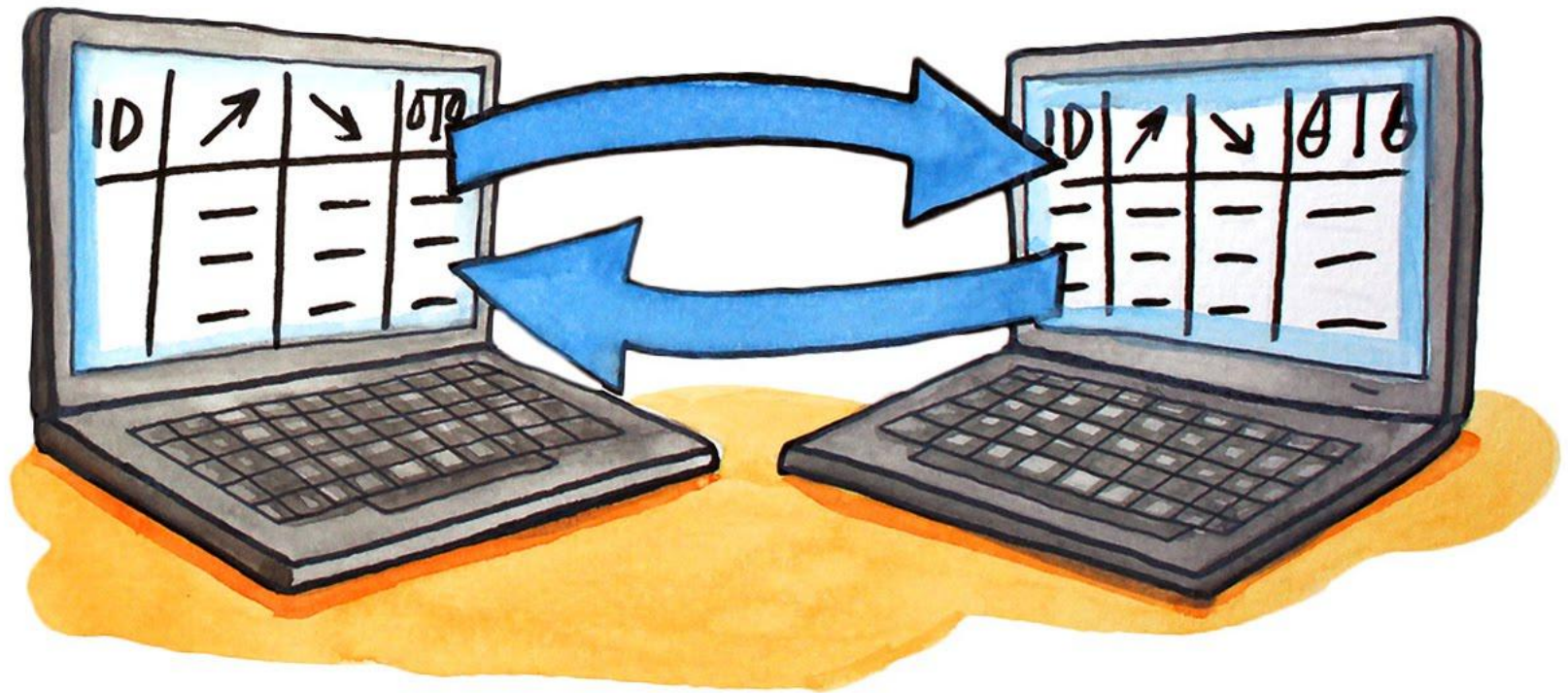

https://www.youtube.com/watch?v=Br5aJa6MkBc

Downsides of IoT?

Blockchain: Just a database?

- http://ericsammons.com/what-is-the-blockchain/

What is it, really: a 2-minute video

What is Blockchain?

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Why is this lecture valuable to you?

- This lecture introduces emergent trends in the field of IS

- IoT and Blockchain will become a dominant technologies in the future

- You need to know related concepts (e.g., Smart Home, Smart City) to prepare for your future career

Assessment

- Examination: 50%

- Coursework: 50%
  - Group Project   15%
  - Mid-term Test   20%
  - Lecture & Tutorial Participation 10%

Students MUST pass both Coursework AND Examination to pass CB2500

Total 100%

Participation Score

- Lecture: 2.5% max: Random sampling of 5 weeks of lecture participation;

- Tutorial: 7.5% max and participation on Peer-Assisted Learning Forum, which carries a maximum of 5%;

- Will update your finalized participation score on Canvas once ready;

Exam Info

- Date/Time/Venue: TBD

- Format: Closed-book Examination

  - You should not pick up phones or talk to your peers throughout the examination

- Questions: 4 short questions (have sub-questions)

  - Need justification in your answer!

- Syllabus: Lectures 1-13 + Tutorial Readings

Exam Questions

- 4 long questions (100 marks)
- Q1 (25 marks)
- Q2 (25 marks)
- Q3 (25 marks)
- Q4 (25 marks)

Format of Exam Questions

- Scenario Based

- Definitions

- Benefits and Risks of Different IM Solutions

- Recommendation

Some Important Techniques

- Spend time wisely

- Definitions

- Tables, point form

- Examples

- Paragraphing

- Signposting

1. Your standpoint / answer
2. Related definition
3. How your answer is related to the definition
4. An example to support your explanation
5. Think deeply before write down your answer, precisely and concisely.

Course Summary

- Importance of IM/IS
- Information quality
- Business process
- Strategy
- Competitive advantages
- Software
- Database
- Data warehouse
- Data mart
- Big data
- BI techniques
- Project management
- Smart Banking

- Business Intelligence
- IS Audit
- Business continuity planning
- Encryption
- Firewall
- CISA
- SMIS
- ESN, Enterprise 2.0
- Search/Social/Digital marketing
- Information silos

- CRM, SCM, ERP
- Bullwhip effect
- Disruptive technology
- Collaboration
- Knowledge management
- Global IS management
- Outsourcing
- VPN
- Cloud
- Freeconomics
- IoT
- Tutorial readings

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Tutorial Readings

- You need to know some concepts/technologies introduced in the tutorials and make appropriate recommendations
  - Internet+
  - SMACIT
  - Big Data vs Deep Data
  - Digital Wallet; SVF
  - Social Commerce
  - Digital Analytics
  - ...

Finally….

In this course, you learnt something related to…

Project Management

Business Intelligence

Data warehouse, Data mart

IS Auditing / Risk Management

Policies

Social Media Information Systems

Digital Marketing

IoT, MOOCs
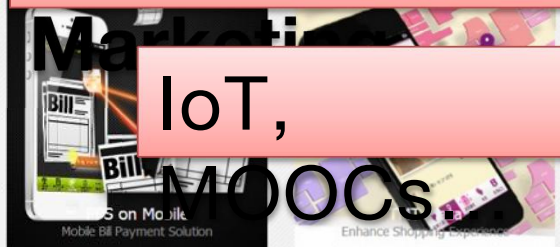
DDB°

Mobile Grand Prix at
Cannes awarded to Philippines
"TXTBKS"

Global Information Systems Management

Outsourcing

Collaboration

Business Strategy

Think Like a Business Consultant & Innovate Through Business Intelligence

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Smart Banking (BI)
Smart e-Services (ISSN)

Smart Global Business (GBSM)
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Good Luck to Your Final Exam!

If you need any help,

find us via:

- Email!

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References and Disclaimer

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