BUSINESS INFORMATION SYSTEMS (INFS1001)

TUTORIAL - WEEK 4

AGENDA

Review

Enterprise Architecture

Questions

Wrap-up

REVIEW

- What are the 3 technology focused strategies we have discussed in class?

- What did Gong and Jansen say about the Enterprise Architecture?

- What's the purpose of Digital Transformation?

MID SEMESTER QUIZ

- The quiz is one hour in duration and consists of 80 multiple choice or drag/drop questions.

- This quiz is online (via Wattle) and will cover all material up to and including Week 5.

- **Students must attend the quiz in person**, with their student ID, and a password will be required to access the Quiz. Attendance will be taken.

- Each question is worth one mark and students will not lose a mark for incorrect answers. The published grade for the quiz will be scaled to be out of 100.

- It is your responsibility to ensure that you have good connectivity.

- Students are required to stay in the seminar room until the quiz is closed even if they have finished the quiz.

- **There are no extensions for this assessment.**

TOGAF – FRAMEWORK DOMAINS

- **The TOGAF consists of 5 domains.**

- Within each domain there are many, many artefacts that describe the content of the domain. These artefacts can be documents, models, technical specifications, etc.

- TOGAF also comes with a methodology for the development of an EA; ongoing management of the framework and a way to assess the maturity of your organisation i.e. how well have you developed and implemented your EA.

Architecture Principles, Vision, and Requirements	A succinct description of the Target Architecture that describes its business value and the changes to the enterprise that will result from its successful deployment. This is "what" we want our enterprise architecture to look like.
Business Architecture	A representation of holistic, multi-dimensional business views of: capabilities, end-to-end value delivery, information, and organizational structure; and the relationships among these business views and strategies, products, policies, initiatives, and stakeholders.
Information Systems Architecture	Describes how the enterprise's Information Systems Architecture enables the Business Architecture and the Architecture Vision, in a way that addresses stakeholder concerns.
Technology Architecture	Develop the Target Technology Architecture that enables the Architecture Vision, target business, data, and application building blocks to be delivered through technology components and technology services,
Architecture Realization	Describe the approach that will optimise the realisation of the desired Target Architecture. This describes how we will get to our target architecture.

Enterprise Architecture Domains

IN CLASS EXERCISE
BUILDING MY PERSONAL ENTERPRISE ARCHITECTURE (20 MINUTES)

In this exercise, work in small groups to build your (collective) enterprise architecture. Use the EA domains as listed below and use the questions as guidance for your discussion and analysis. When you get to the vision question, be creative and remember that you are describing the future as you would like it to be.

Architecture Principles, Vision and Requirements

- Will my personal needs change over the next 2 -3 years?

- How do I want my technology to change over this time period?

- Should I decide to keep or change the tech that I have?

- What constraints do I need to live with?

Business Architecture

- What daily processes does the tech support?

- Who is using the technology?

- What is driving the use of this technology?

Information Systems Architecture

- What personal information is stored and use by the tech?

- What are my most commonly used applications?

Technology Architecture

- What types of devices do I use?

- What kind of networks do I access?

- Where is my information stored?

Architecture Principles, Vision and Requirements

- What do I need to do to achieve my vision of how I will use tech over the next 2 – 3 years?

- What the first thing that I need to do?

- Do I have a plan that is realistic?

QUESTIONS?