Mentorium
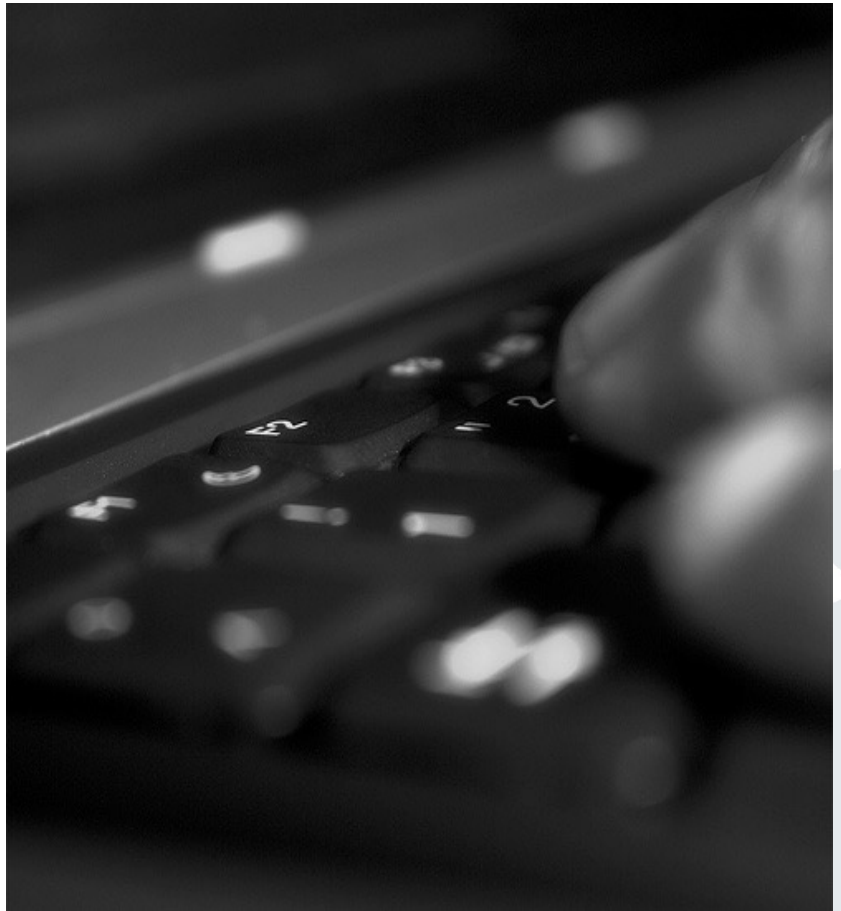
Business Informatics 2 (PWIN)

Information Systems II, III
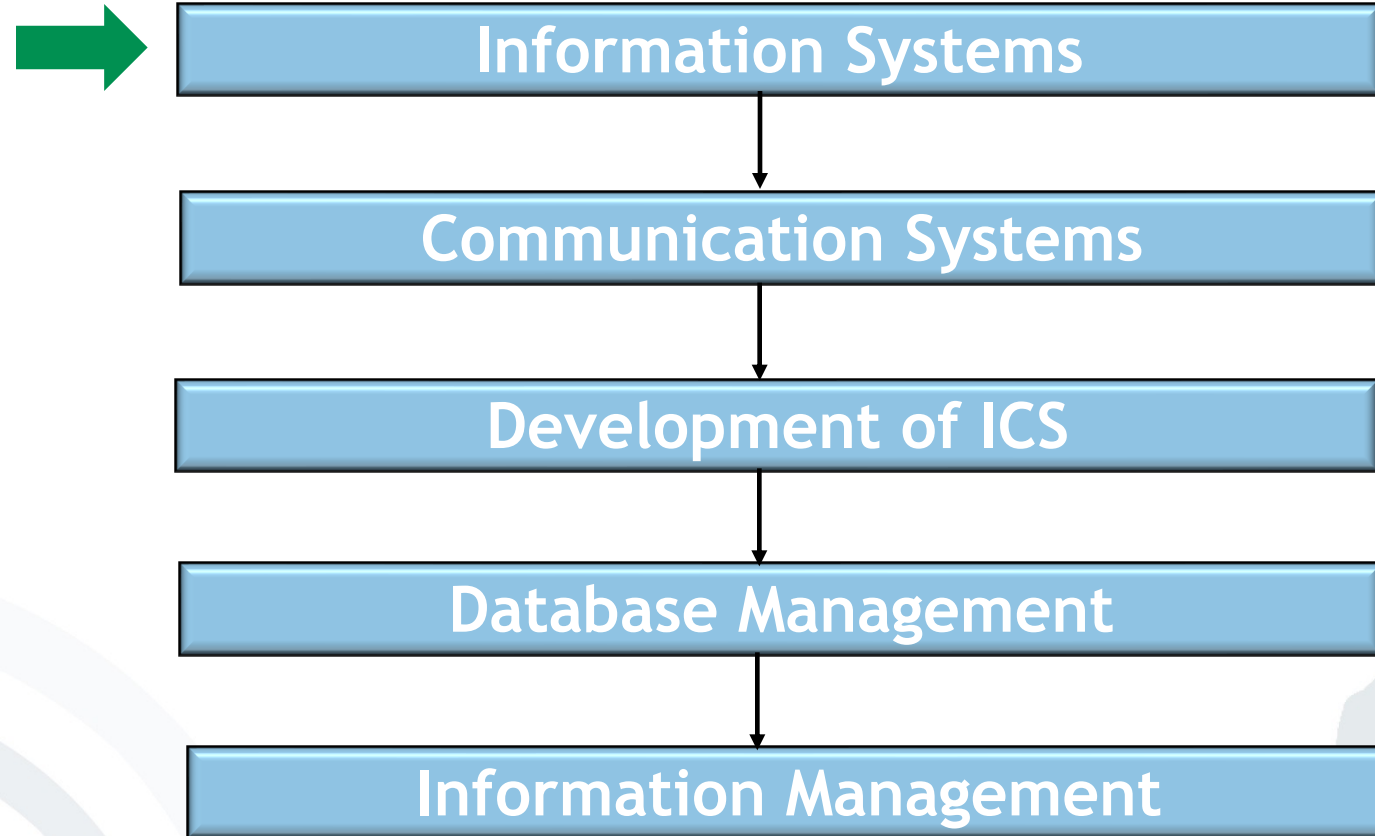
WS 2023/24

Frédéric Tronnier

www.m-chair.de

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Information Systems

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Communication Systems

↓

Development of ICS

↓

Database Management

↓

Information Management

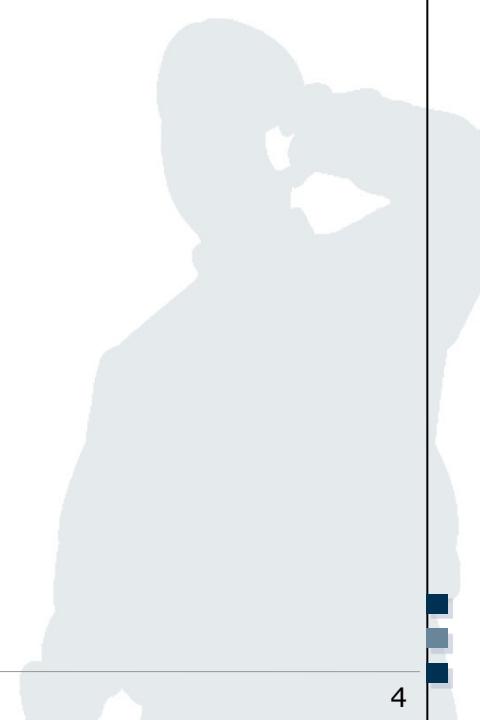# Components of the Course

Information Systems

- Purpose of and Research on Information Systems ✔
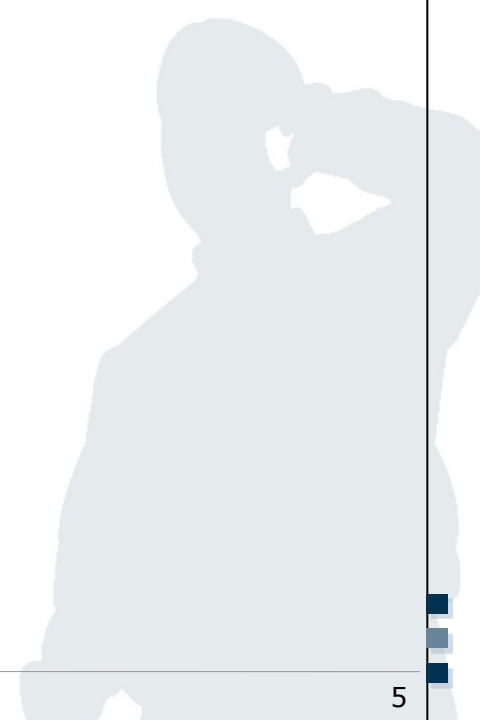- Enterprise Modelling ✔
- Architectures of Information Systems
- Mobile Information Systems

- **IS Architecture Concepts**

- Mobile Infrastructure and Ecosystem
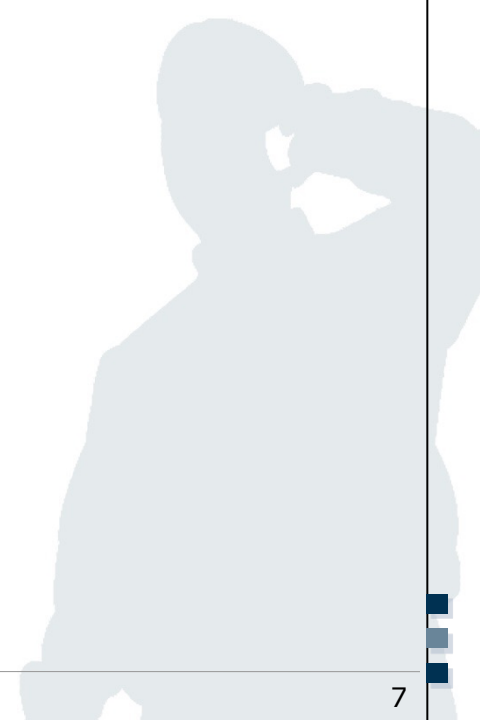
- Mobile Information Systems

- Please name three main characteristics of cloud computing.

- Name and describe three different types of cloud deployment models.

- What are issues to consider when working with cloud computing?

- **IS Architecture Concepts**
- **Mobile Infrastructure and Ecosystem**
- **Mobile Information Systems**

- What is an Operating System? Please name its two objectives.

- Is there a difference between mobile operating systems and "traditional" computer OS?

- In some devices the next generation of SIM cards, eSIMS, are already implemented. Why do providers not approve this enhanced technology?
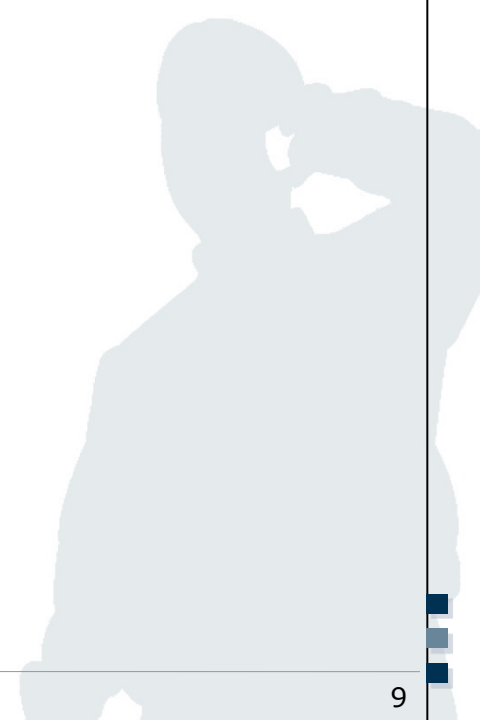
Native apps vs. web apps

- What are the differences between native mobile apps and web mobile apps in turns of updates, platform specificity, revenue model, distribution and offline support?

- Do you recommend myPlace to implement a native app or a web app? Why?

- **How are the presentation, logic and data tier distributed among the user and provider in**
  - Mobile web apps
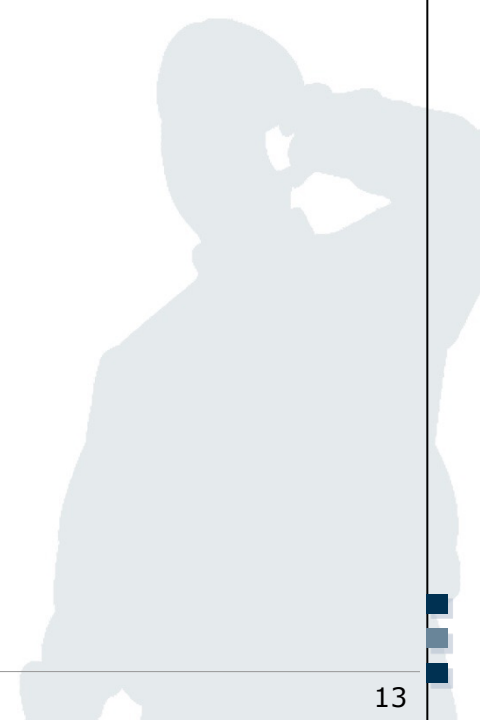 - Mobile native apps?
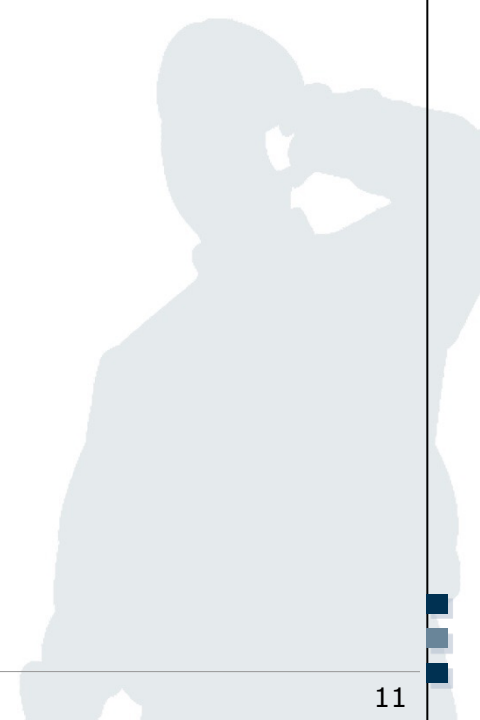
Native apps vs. web apps

- What are typical relationships between classic websites and apps? How is it for myPlace?
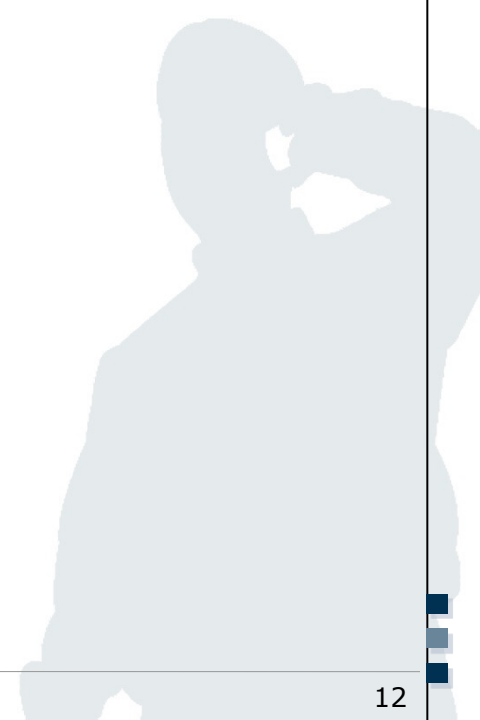
- IS Architecture Concepts
- Mobile Infrastructure and Ecosystem
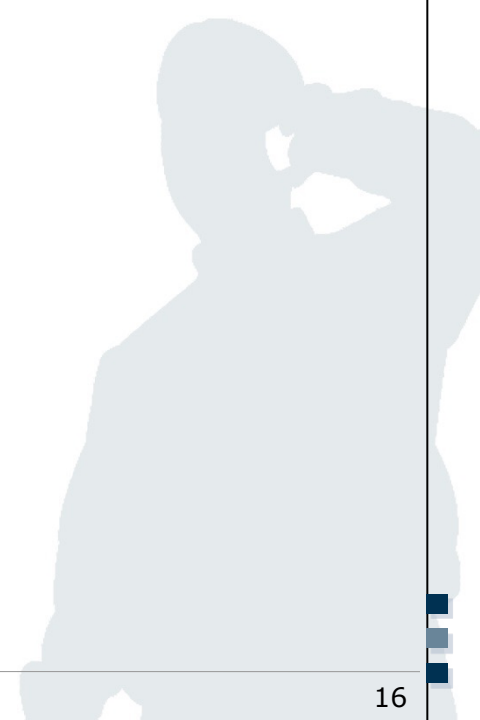- Mobile Information Systems

- **Please explain the following characteristics of Mobile Tech and why they do or do not matter for myPlace:**
    - Time and Location Independence
    - Location Awareness
    - Personal Nature
    - Always On
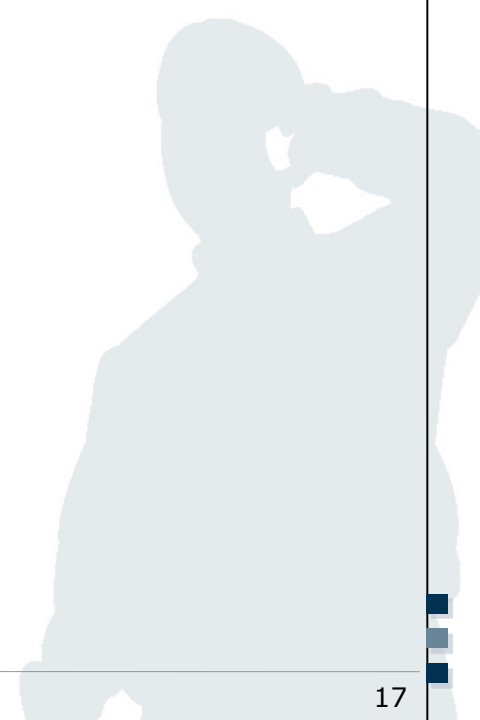   - Limited I/O Capabilites
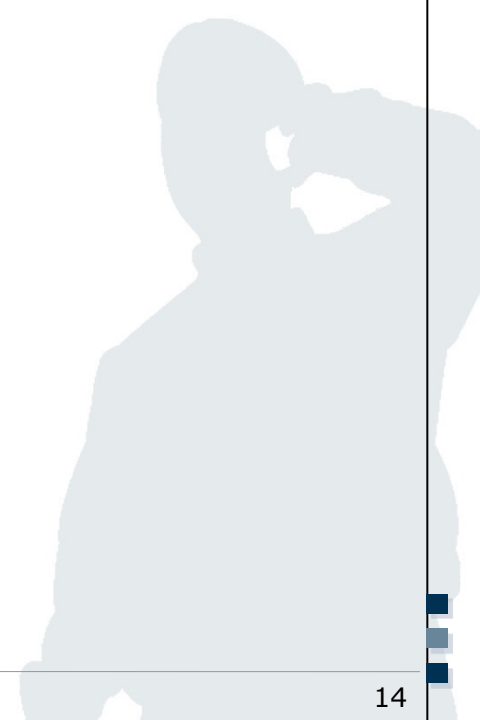
- Use the example of app marketplaces to explain platform markets and the underlying principle they build on.
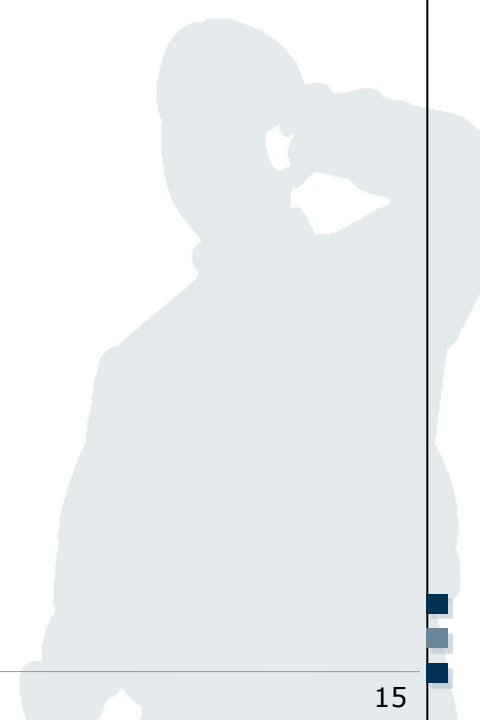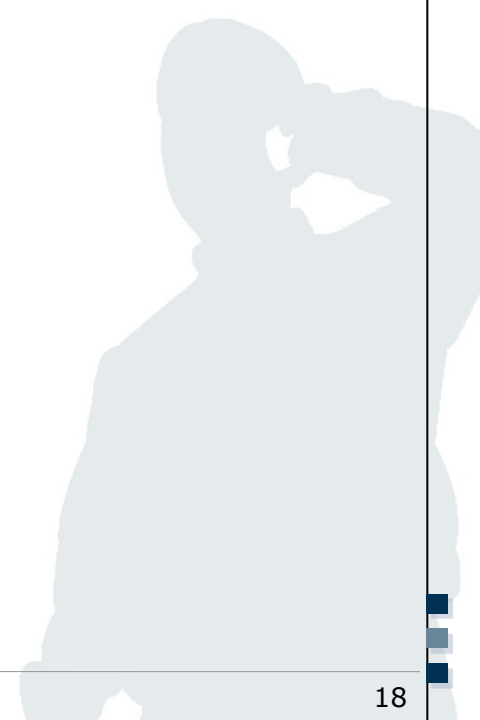
- **Please describe the difficulty in building platform markets and possible solutions.**

- What is contextual targeting? Please give an example.
- How is it related to myPlace?

- **Please discuss the advantages and disadvantages of contextual targeting.**
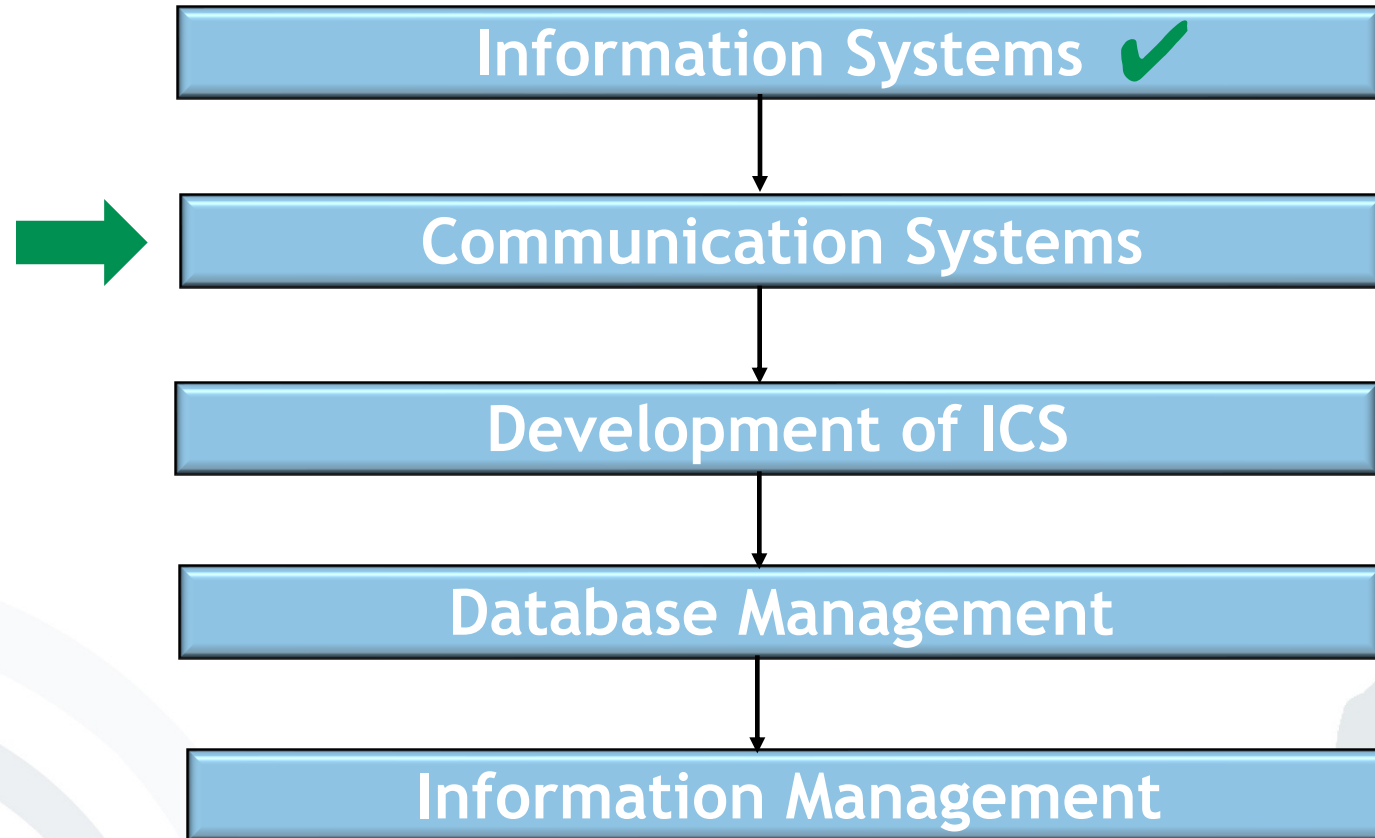
Components of the Course

Information Systems

Purpose of and Research on Information Systems ✔

Enterprise Modelling ✔

Architectures of Information Systems ✔

Mobile Information Systems ✔

Information Systems ✔

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→ Communication Systems

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Development of ICS

↓

Database Management

↓

Information Management

Thank you!

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