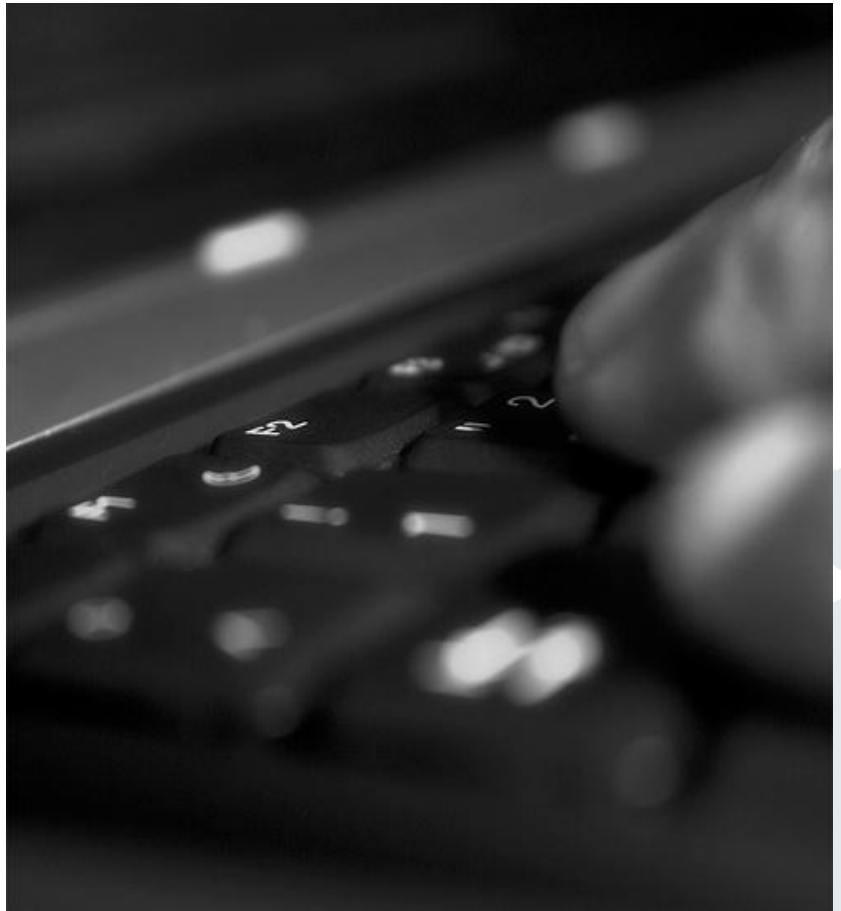


Mentorium

Business Informatics 2 (PWIN)

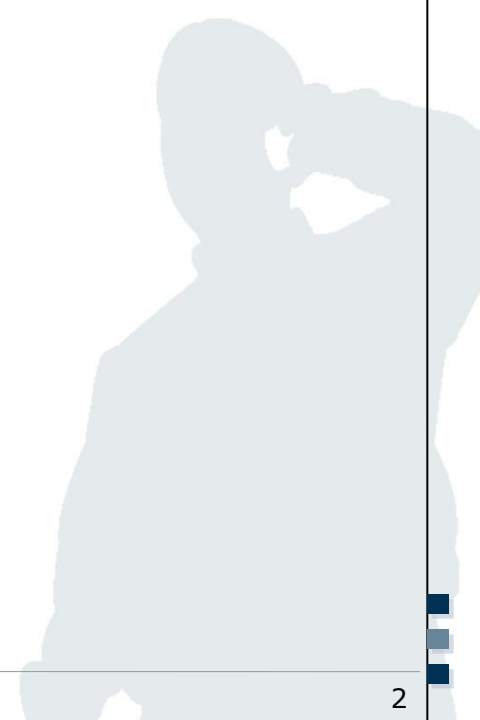
Communication Systems II &
Management of IT Projects
SS 2011

Dipl.-Kfm. Lars Wolos
www.m-chair.net

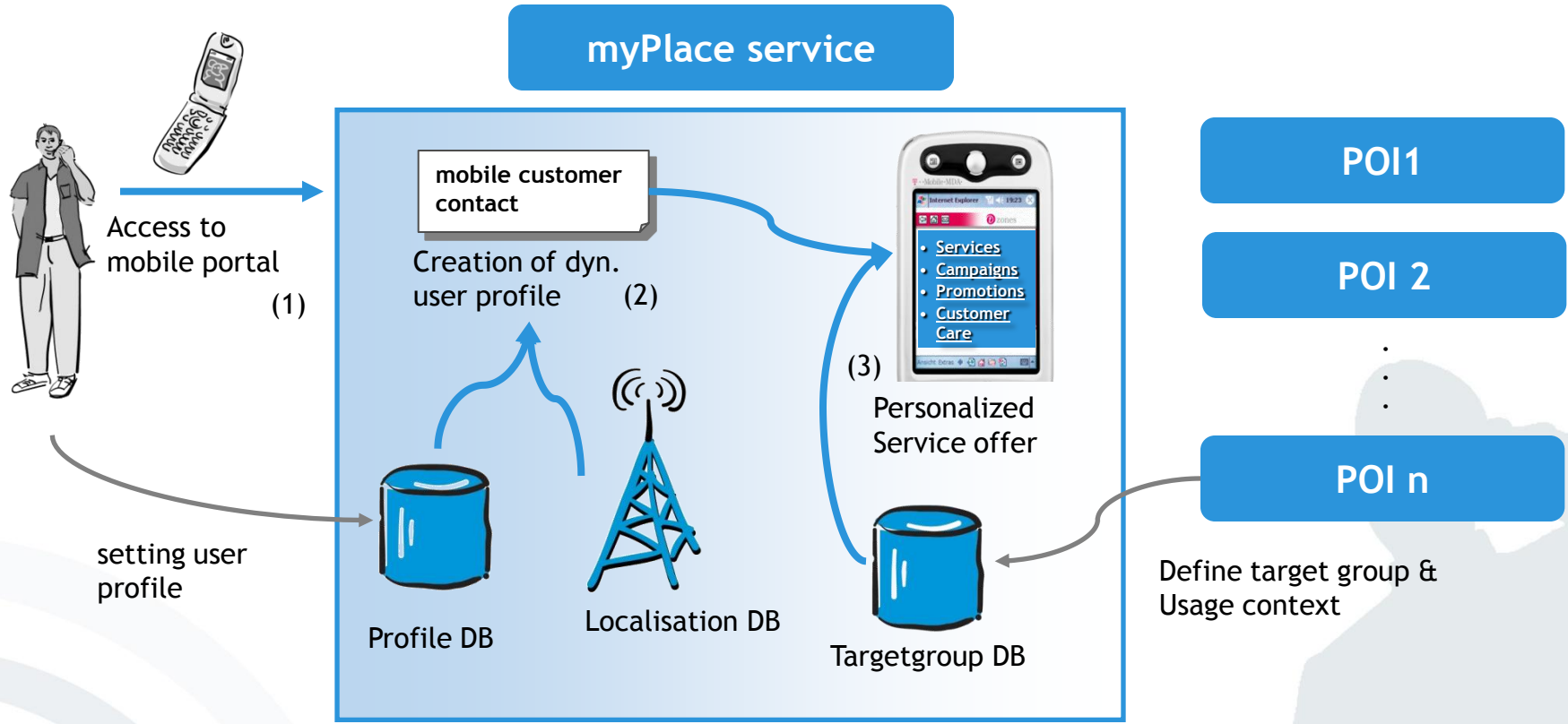


Jenser (Flickr.com)

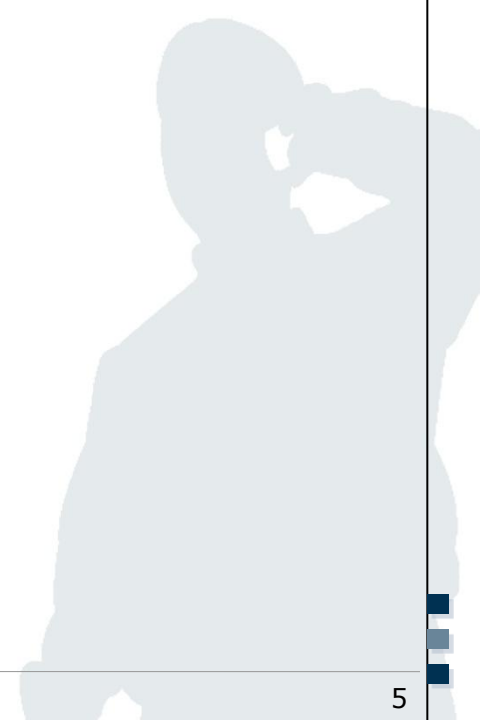
- Wired Networks
- Wireless Networks
- IT-Project Management



- Name and explain the application areas of Ethernet, xDSL and FTTx.
- The myPlace Service constitutes a mobile application/service. Nevertheless, it also makes use of wired networks for its data communications. Explain where and why.

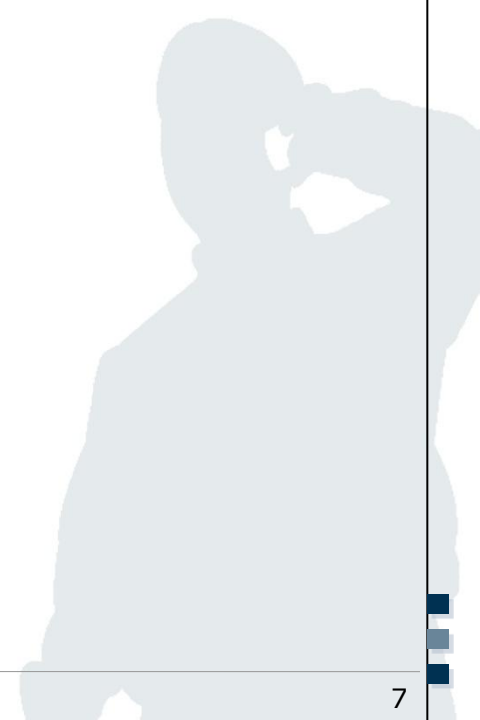


- Wired Networks
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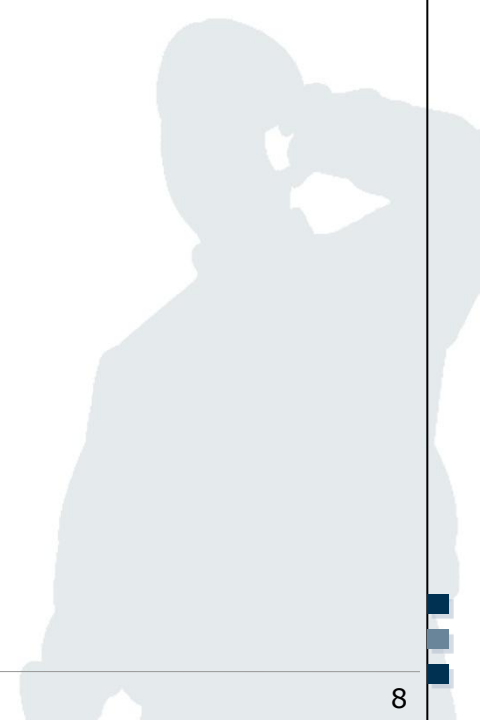


- Name a secure method for the encryption of Wireless Local Area Networks (Wi-Fi).
- Why is Wi-Fi encryption important? What could be the potential consequences for users failing to enable encryption for their Wi-Fi network?
- What could be the potential harm if the data communication of the myPlace service is not encrypted? Name at least one consequence from the myPlace Provider as well as the mobile user perspective.

- Wired Networks
- Wireless Networks
- IT-Project Management



- What could be the consequences of carrying out a software development project without proper project management?



- What is the general problem of increasing the number of project staff members?
- Assume you are the IT-Project manager for the development of the myPlace service and it becomes foreseeable that you will not meet the final deadline. Does it help to increase the number of project staff members? Where are the benefits, problems and limits for this approach?

- Define the relationship between the client and project manager of an IT-project.
- Translate this general relationship description from above into a concrete one for the myPlace service.

- Explain the **Matrix Project Organisation** and the **Pure Project Organisation**. Name advantages and disadvantages for each type.
- Which organisation type would you choose for the myPlace service and why?
- Why is it important for the project manager to develop **networking skills** in a **Mixed Project organisation**?

- Name and explain four different project effort estimation methods.
- Which project effort estimation method would you propose to use for the *MyPlace* service and why?

Open Questions?

