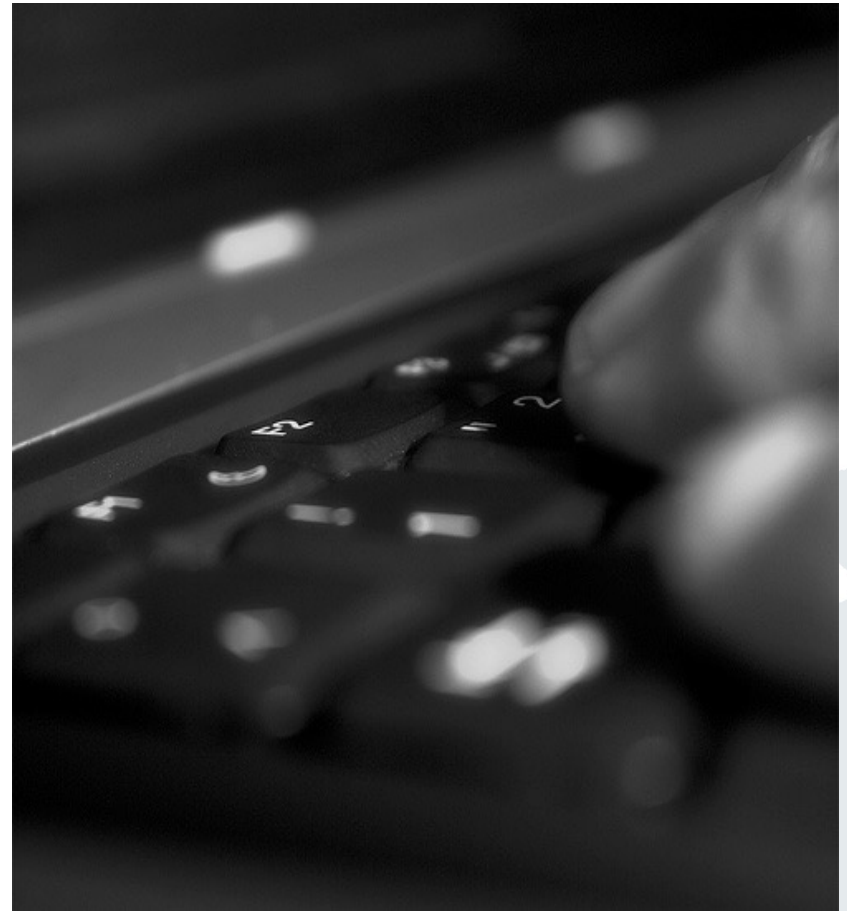


Exercise 1 Business Informatics 2 (PWIN)

Information Systems
SS 2023

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Jenser (Flickr.com)

- a) Differentiate and define Application System (AS) and Information System (IS).
- b) Name the components of a Hardware System, Software System, Application System and Information System.

Exercise 2: Enterprise Modelling

- a) Explain why ARIS models differentiate between the three abstraction layers *conceptual model*, *technical model*, and *implementation*. What target group (e.g. project manager, developer, etc.) does each layer specifically address?

- b) Explain briefly the abstraction mechanisms “aggregation” and “generalisation” in the modelling context. In addition, give an example for each of the two mechanisms with regard to the InstaMatch service.

Exercise 3: Media Disruptions

- a) What is the meaning of the term “media disruption” in the context of Information Systems? Name two consequences of media disruptions in Information Systems for an enterprise.

- b) How can media disruptions be rectified? What challenges can emerge during this approach?