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Softwaretechnik
http://proglang.informatik.uni-freiburg.de/teaching/swt/2013/

Exercise Sheet 2

Throughout the lecture, we will consider an event management system (EMS for short) such as `amiando.com` as a running example. As the name suggests, such a system assists the user in the organization of events by providing functionality on, e.g., registration for the invited guests, flexible ticketing (early, regular, late), payment and invoice integration, and so on.

Exercise 1

Familiarize yourself with the event management system `amiando.com`. In particular, have a look at the provided features.

Exercise 2

Assume you are the organizer of a music festival such as ZMF or Rock am Ring. From your point of view, elicit the most important functional requirements of an EMS for this purpose. Every requirement has a title and a short description. Find a consistent granularity, i.e., the requirements should neither be too rough nor too detailed.

Exercise 3

Which non-functional requirements do you identify? Every requirement has a title and a short description. Furthermore, for each requirement, provide a priority of importance (high, normal, low) with justification.

Exercise 4

Provide a set of use cases based on the functional requirements identified in exercise 2 in the form of a textual description. Use the template discussed in the lecture.

Exercise 5

Based on the use cases identified in exercise 4, provide a use case diagram.