Review of requirements specification

A requirements specification is found below.

Perform a review of it with the aim of finding non-testable requirements.

Product requirements specification for reservation of meeting rooms for Gamma

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1 Introduction

This document is a description of the requirements for the reservation of meeting rooms. The document has been written on the basis of *user* requirement and the subsequent work with these.

2 Requirements

The requirements in this chapter have been organised in a number of categories of which the main groups are: *Technical environment requirements, Product quality requirements* and *Project requirements.* Some of these are further divided.

2.1 Technical environment requirements

1. [34] The users shall use Internet Explorer version 4.0 or later.

2. [36] The system shall be able to run on Gamma's Linux-server.

2.2 Product quality requirements

2.2.1 Functional requirements

1. [8] The system shall be able to create and delete meeting rooms.

2. [50] The system shall register the capacity of a meeting room during the creation of the meeting room.

3. [51] The system only allows meeting rooms with a capacity of 1 to 1000 people.

4. [38] The system shall be able to hold up to 30 meeting rooms.

5. [5] The system shall be able to show how many people a meeting room has capacity for.

6. [6] The system shall be able to show the status (reserved or free) for the meeting room in a given period.

7. [7] The system shall allow a user to reserve a meeting room for a period.

8. [60] The user shall have an account number before he is allow to reserve a meeting room.

9. [10] The system shall show is a user can make the reservation he or she wants or if it is necessary to delete other reservations.

10. [11] The system shall be able to show the reservations made for a specific meeting room in a specific period.

11. [12] The system shall be able to show who is responsible for a reservation.

12. [14] The system shall allow that a user deletes a reservation.
    Comment: this applies to all users, not only the one who has made the reservation.

13. [13] The system shall show a reasonable number of reservations if the user asks for it.

14. [15] The system shall record which users make which reservations.

15. [16] The system shall record which users make which deletions.

16. [18] The system shall be able to show recorded reservations and deletions from the last 30 days.

17. [20] The system shall not show recorded reservations and deletions, which are more than 30 days old.

18. [9] The system shall delete all reservations for a meeting room that is being deleted.

19. [37] The system shall – at any point in time – be able to handle reservations from the time of reservation and one year ahead.

20. [45] The system shall only use full hours as the time format.

21. [46] The system shall only allow reservations of full hours' length.

22. [40] The system shall calculate the price of a reservation on the basis of the following prices per hour:
    100 DKR per hour when the meeting room has a capacity of 10 people or less,
    120 DKR per hour when the meeting room has a capacity of more than 10 people and up to and including 20 people,
    200 DKR per hour when the meeting room has a capacity of more than 20 people.
    Comment: The price is used in an internal accounting system.

2.2.2 Usability

1. [28] 95% of Gamma's employees shall be able to use the system after a 20 minute instruction provided at a department meeting.

2.2.3 Availability

1. [32] The system shall allow more users to use the system at the same time from their individual work stations.