Project MRS

Requirements

Hochschule Esslingen
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Contents

1 Organisation

1.1 Group roles

Role	Name	Shortcut
Project Leader	Mändlen, David	DM
Development Manager	Muschewski, Eugen	EM
Design Manager	Ribul Moro, Alessandro	AR
Quality Manager	Sahin, Fatih	FS

1.1.1 Role Definitions

The above-mentioned roles are tasked with the following duties:

- Project Leader
  - Setting schedules
  - Coordination of efforts
  - Supervising the team

- Development Manager
  - Developing SQL
  - Realization of Designs

- Design Manager
  - Designing Data Models
  - Designing Report Generation
  - Designing Views

- Quality Manager
  - Creation of Unit-Tests
  - Testing robustness of Database
  - Ensuring adherence to the principles of clean code

2 Mission

2.1 Mission Statement

MRS is aimed at supporting university administrators in managing personnel, building capacities and time-budgets. This is achieved by structuring stored data to reduce possible conflicts regarding lecturers, times and rooms.

2.2 Mission Objectives

2.2.1 Structuring

Data will be stored in a manner that reduces the possibility of conflicts. The stored data will contain information about lecturers, lectures, rooms and times. Possible restrictions will be honored.
Example: If lecture A can only be held in room B at time C for Semester D this will be the only valid combination.

2.2.2 Querying / Reporting

The database can be queried for different kinds of information and is able to generate reports.
Example: The administrator can search for faculty, lecturers, rooms, times, departments and more.

2.2.3 Update

The database will accept updates if they are correct and do not violate any process rules. Otherwise the database will not accept the data.
Example: If the administrator wants to put Prof. X at room Y at time Z, but has placed Prof. A there at the same time, this query will yield an error.

3 Changelog

Date	Time	Reason	Author (short)
2015-10-01	12:04	Creation	DM
2015-10-01	12:50	Added Mission Statement and Objectives	DM
2015-10-07	09:02	Changed Mission Statement and Objectives	DM