数据科学与计算机学院

数据库课程设计报告

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艇员管理系统

§1.1　开发环境与开发工具

§1.2　系统需求分析

A crew management system can store the training record and provide a great feed back for the training crew. Our crew is training on a daily basis, one finds that by comparing and contrast, would make a positive and huge impact on the confidence and momentum of the training individuals as well as crew members. In the old school ways, our crew members have to use pen and paper to write down their training results, and later need to be typed into computers. Therefore developing a crew management system would greatly enhance the efficiency in terms of designing training plans and logging training results.

A basic crew management system would require the following N functionalities:

1. system user management

    (a) user adding
    include 3 kinds of member type: Crew Coach, Crew Leader, Crew member

    Crew Coach can announce the plans for this year: have access to modifying the calender: dates for group extra training program, dates for out field races, etc..

    Crew Leader can design and publish training plans(in the form of notice-board) and specify the training program for the day. Have access to team budgets, logging of team budgets.

    Crew members can update their status on the training program of the day. How many push-ups and squats(training programs of the day), how much time for the 10 laps running, etc..

    Crew member information: Entrance date, height, weight, age.

To be continued...

    (b) user deletion

the deletion of the mentioned crew member types. Cascade deletion(deleting team members would also delete their training records)

    (c) password modification add password, update password. Involves registration.

2. training plans management

training plans CRUD(Create, Read, Update, Delete):

3. training log management

training log CRUD

4. Crew members information management

crew members information CRUD

5.

§1.3 功能需求分析

§1.4 系统设计

§1.5 系统功能的实现

§1.6 课程设计心得体会