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Web Application Development for Workload Scheduling and Monitoring in Hospital Golnik

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Project Description

Faculty of organizational sciences cooperates with hospital Golnik - University Clinic of Respiratory and Allergic Diseases. Our project team decided to develop a web based prototype for workload scheduling and monitoring. Prototype supports review, deletion, addition and changes of data. The structure of the database was already defined. We developed a graphical user interface within Oracle9iAS Portal. Application which enables:

- Review of basic data about employees and their schedules,
- Execution of stored procedures and
- Graphical presentations.

The prototype solution is made for internal usage and enables much easier work scheduling and reviewing. Prototype represents advantages for employees and also for hospital Golnik.

Lessons Learned about Oracle 9iAS Portal

- It is easy to use when creating simple forms or Master Detail Forms, simple query and reports.
- Design of forms, based on views and design of advanced graphical presentation is more complicated.
- It is possible to publish different kind information and to use dynamic data.
- Prior knowledge of basic PL/SQL is needed when developing advanced stored procedures.

References

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