

GignoMDA

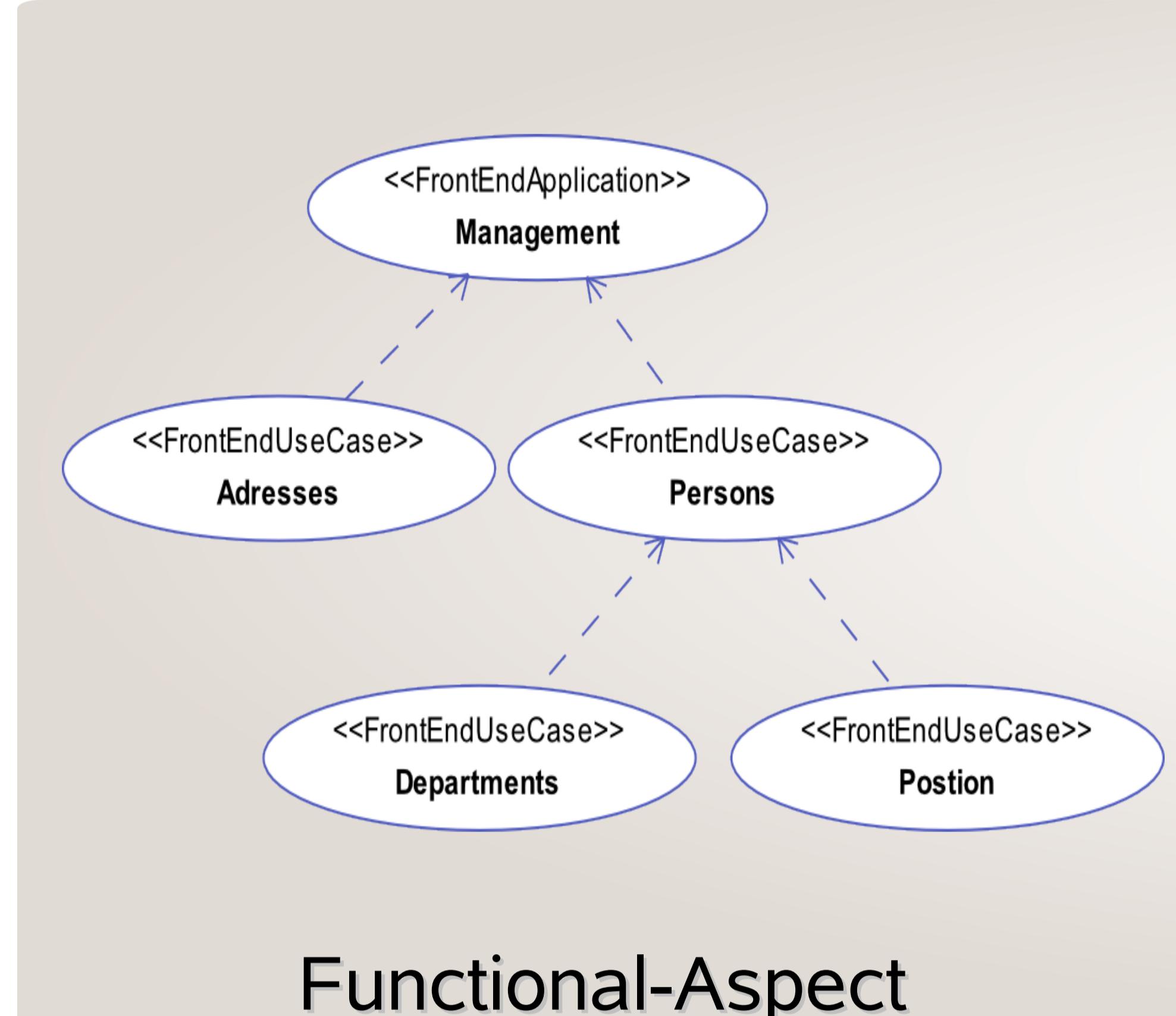


TECHNISCHE
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Database Technology and Software Technology Group

UML-Modelling

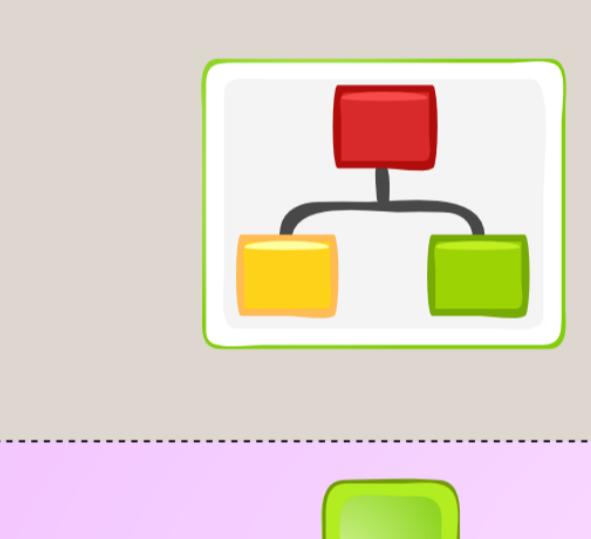


Functional-Aspect

Workflow-Aspect

Data-Aspect

UML-Tool



XMI

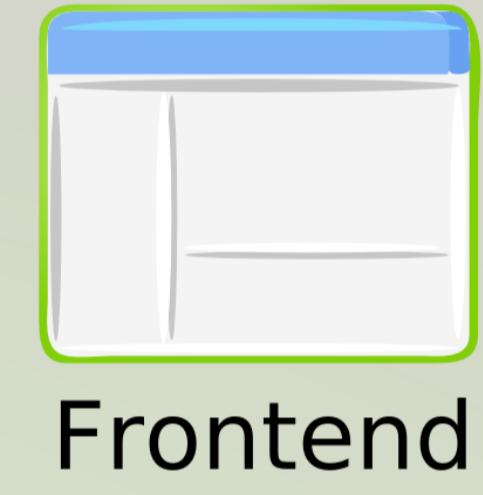


GignoMDA



Project-Builder
Cartridges

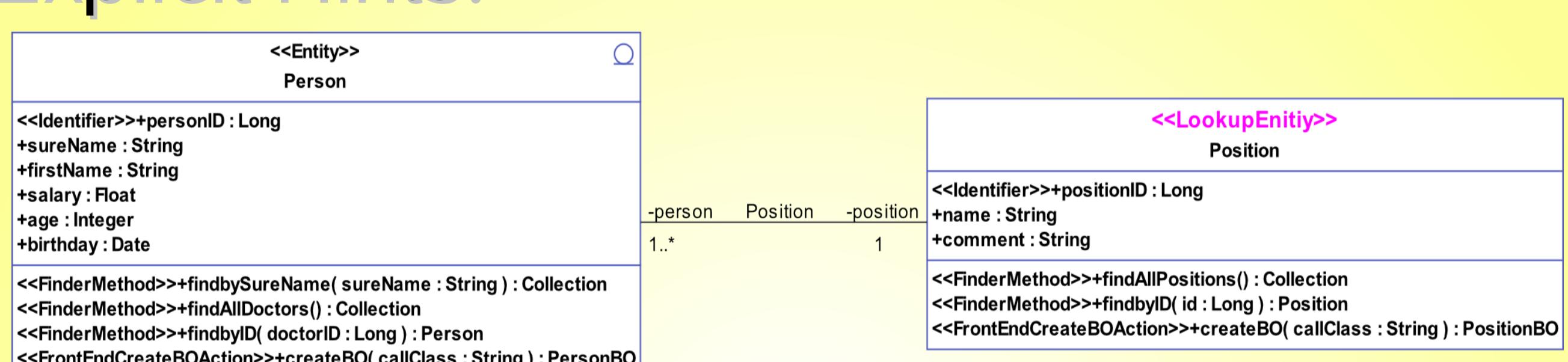
Optimization
Hints



Optimizations

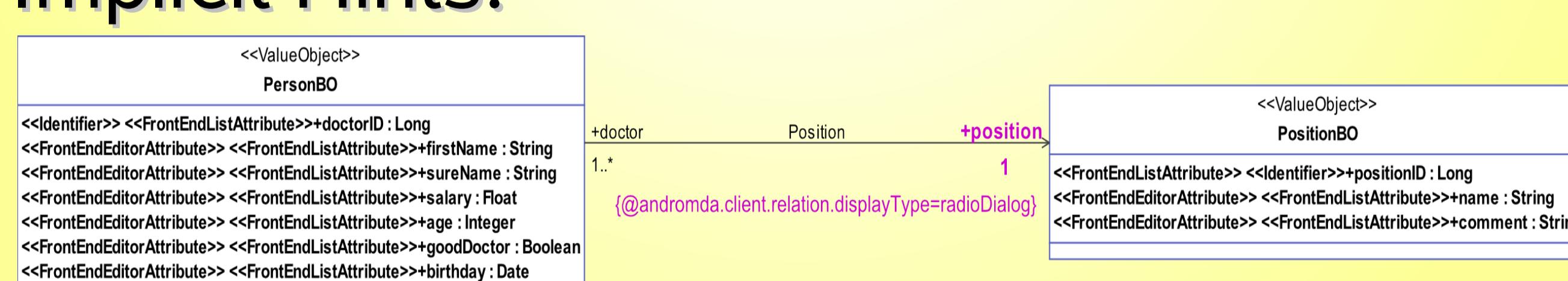
Aim: Global Performance Tuning

Explicit Hints:



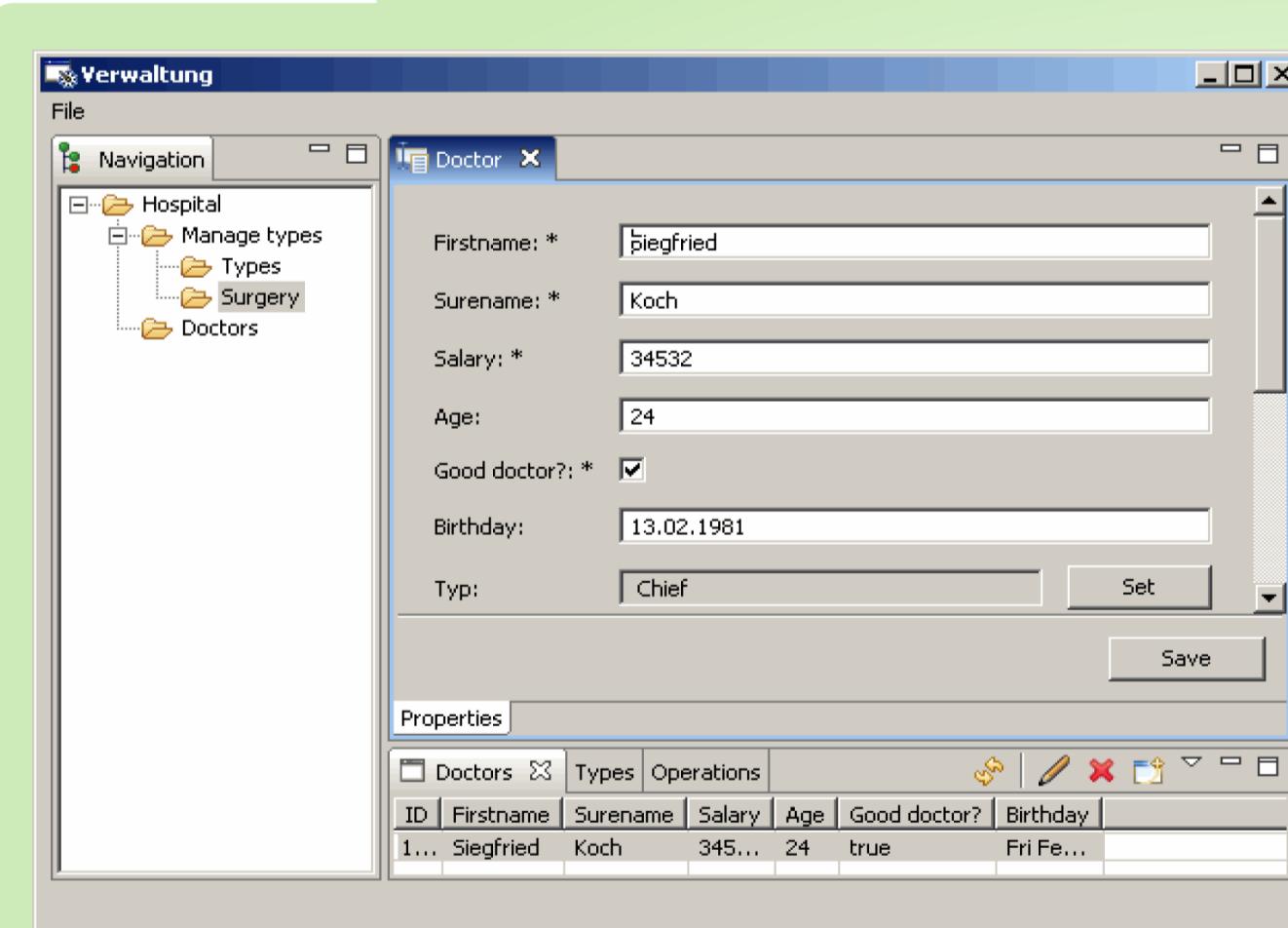
- Preload and caching in business and data tier
- Support for hotspot tables

Implicit Hints:



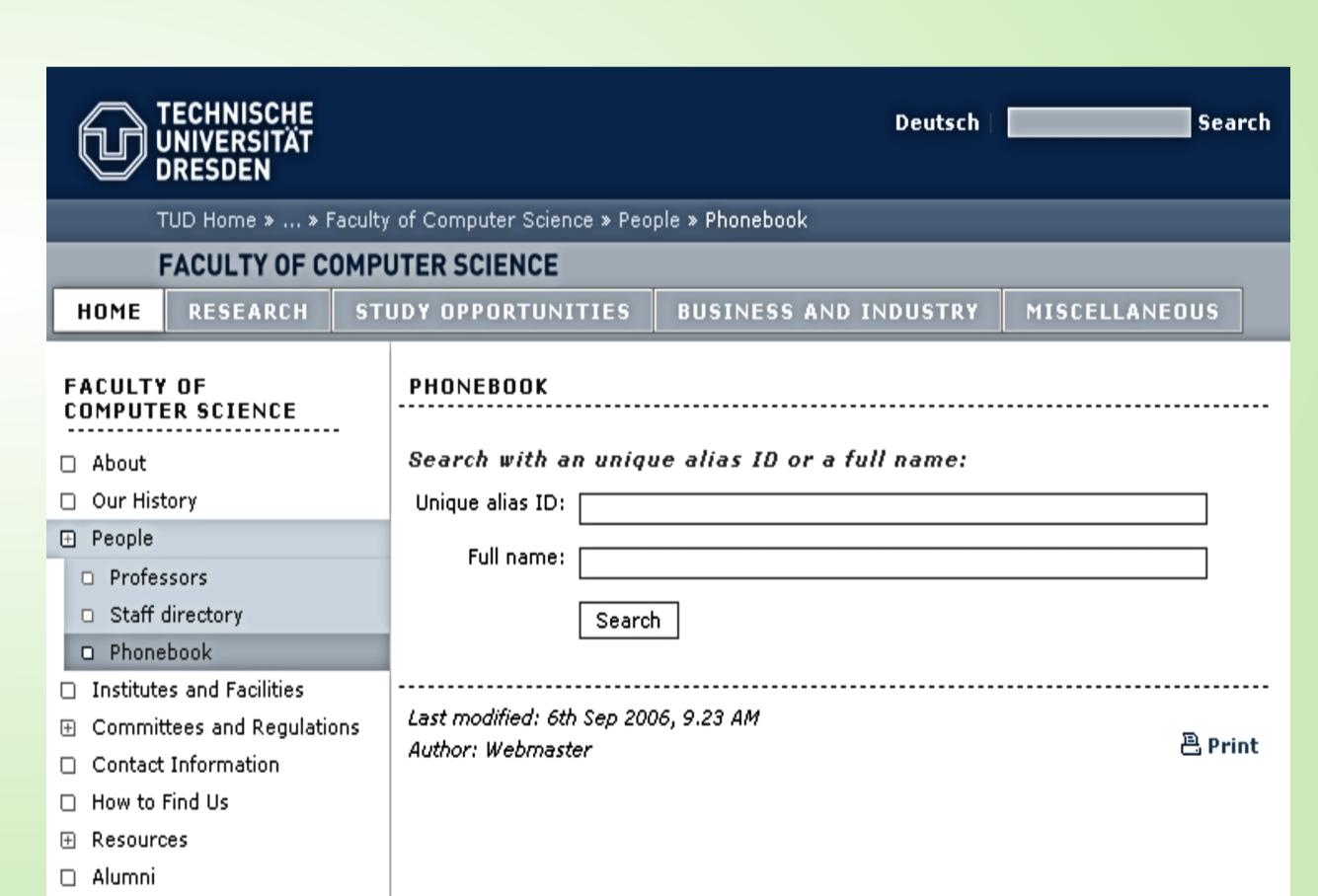
- Exploration of object-relational concepts
- Indices

Results



Eclipse RCP

Web Applications



Future Work

- Software- and Schema-Evolution
- Support for new application areas, e.g. OLAP
- Support for new technologies like AJAX and SDO

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