4 Layer Architecture

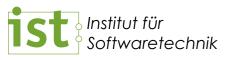
Presentation Application Logic **Business Logic Database**

Visualization of values, Input areas, graphics, interaction with I/O devices

Control of sequence of actions, navigation, validation of input values, prevention of unauthorized access, conversion of values

Realization of basic application functions, interfaces to other systems, prevention of unauthorized access

Persistent storage of data, backup, transaction management, efficient access...



For simple systems, the facade implementation may also contain the concrete Business Functions

There can be multiple facades for different clients, as well as for different subsystems. Each subsystem also could have its own facades.

In our architecture, Entities are allowed in Business Functions.

This is not advisable in really big applications, instead business (transfer) objects should be used.

