

# Overview

In the context of our study in the FHV we were told to develop a   
hotel-management-software.

This document shows a short overview what we have done.

# Completed Application

The application is runnable and includes following Use cases from the functional specification:

* Login
* Home-Screen (Weather forecast)
* Check In
* Create Invoice
* Prepayment
* Day-End Closing
* Web-Reservation (Confirmation)



# Expandability

Because of the proper design of the software, it is no problem to extend the application about different extension like

* Implement of other Use case modules
* Integrate external Software parts (occupancy preview etc.)

# Outlook

* Replacing/Upgrading of certain components easy thanks to layers
* Integration into social media (for example: book from Facebook)
* Various options to extend website
  + Reviews
  + Vouchers

# Technical Summary

* Extensible
  + Layer model
  + Dynamic mapper
  + State pattern
* Technologies
  + MySQL
  + Hibernate
  + PDF viewer
  + Java with Swing