DHBW

Online-Library
Software Architecture Document

Version 1.0

Revision History

Date	Version	Description	Author
30/11/2013	1.0	Software Architecture Document	Torsten, Wanping
10/06/2014	1.1	Software Architecture Document	Torsten, Wanping

Table of Contents

Software Architecture Document

1. Introduction

1.1 Purpose

This document provides a comprehensive architectural overview of the system, using a number of different architectural views to depict different aspects of the system. It is intended to capture and convey the significant architectural decisions which have been made on the system.

1.2 Scope

This document contains the MVC as well as the class diagram of the project OnLib.

1.3 Definitions, Acronyms, and Abbreviations

n.a.

1.4 References

This document contains all 5 Use Case documents and SRS document.

1.5 Overview

[This subsection describes what the rest of the **Software Architecture Document** contains and explains how the **Software Architecture Document** is organized.]

2. Architectural Representation

This document shows the software architecture of OnLib.

3. Architectural Goals and Constraints

This document shows the software architecture of OnLib.
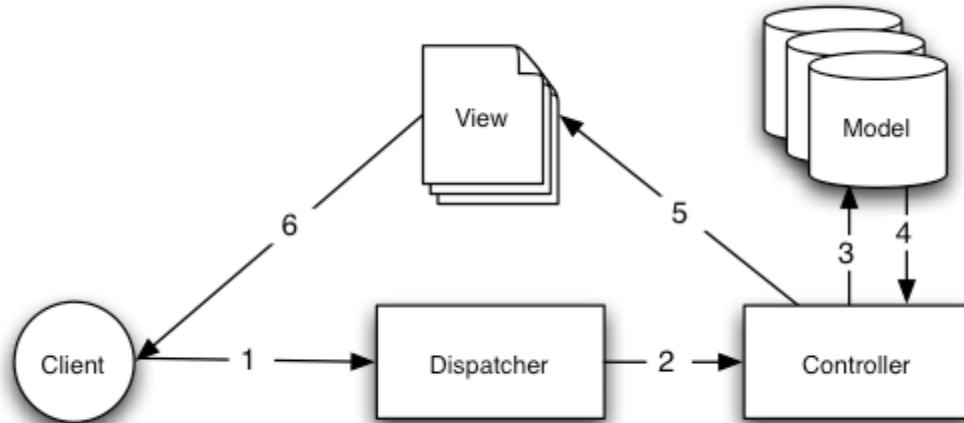
4. Use-Case View

See SRS

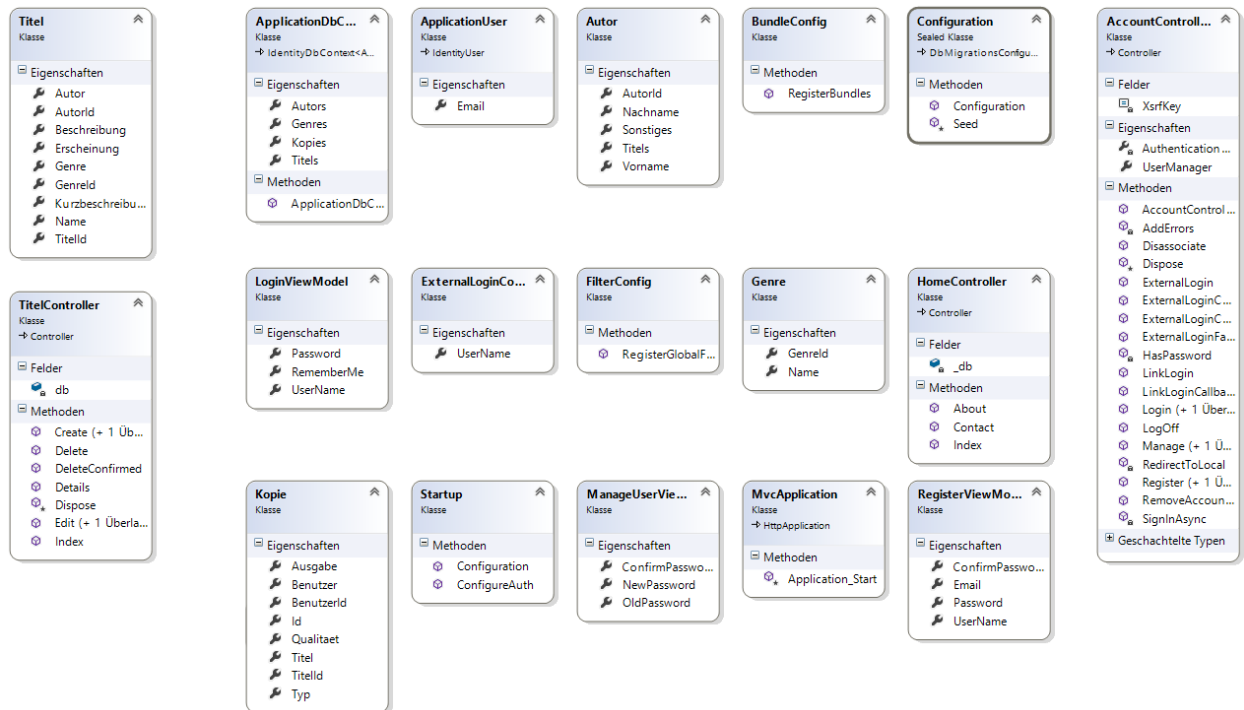### 4.1 Use-Case Realizations

See Use Cases

5. Logical View

5.1 Overview

5.2 Architecturally Significant Design Packages

6. Process View

N.A.

7. Deployment View

Windows Server
- IIS 8.5
- MS SQL Server 2012

Client

"Browser": Anfrage an http://torsten-werner.com

IIS 8.5

erhält Anfrage vom Client

Anfrage an Datenbank

liefert das Ergebnis an Client

MS SQL Server 2012

verarbeitet Anfrage
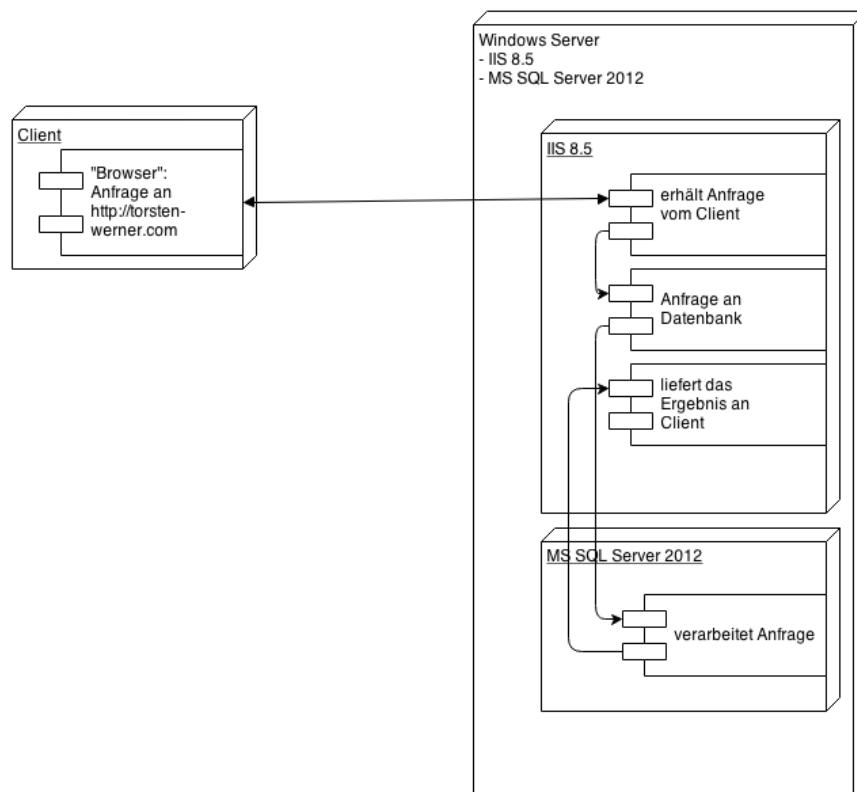
8. Data View (optional)
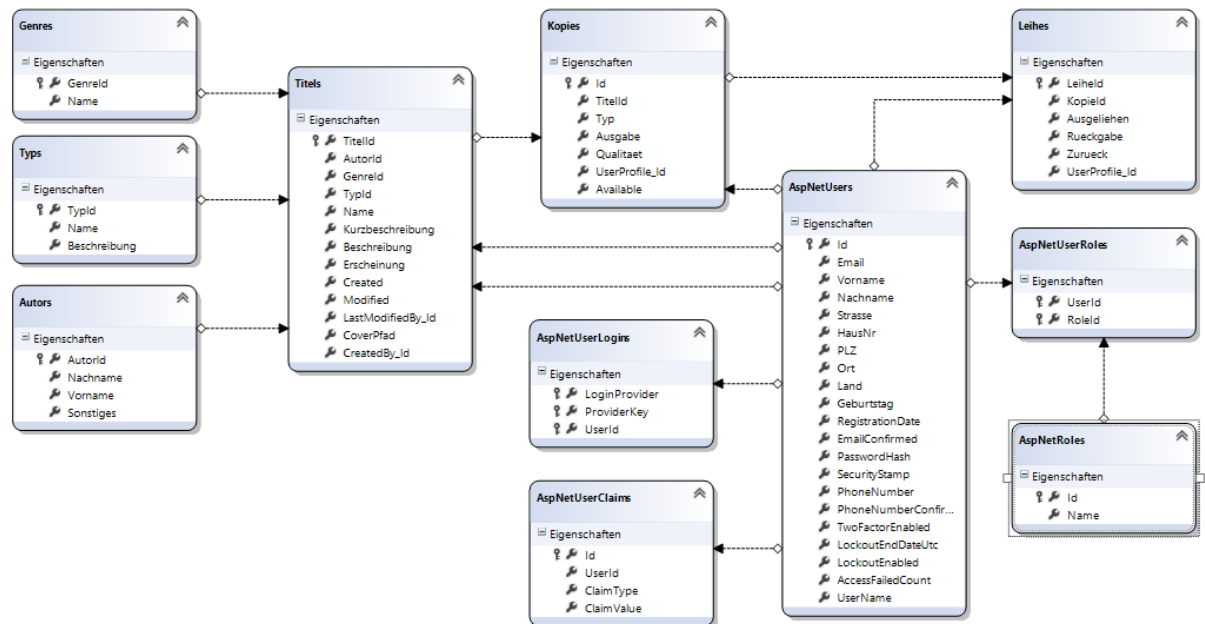
9. Size and Performance
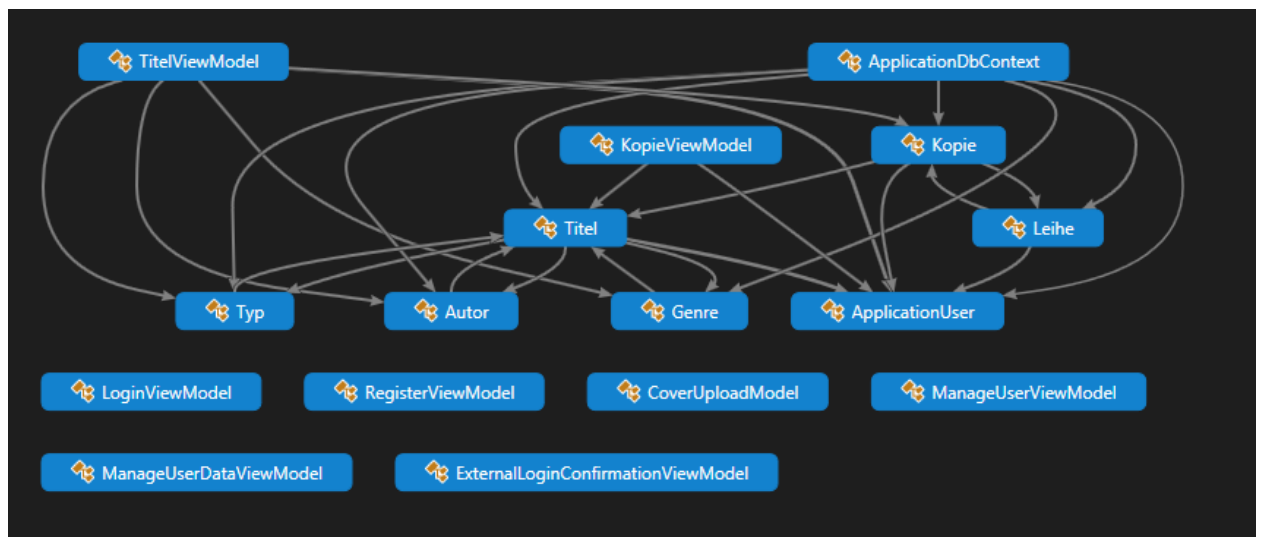
The major dimensioning characteristic of the software is the convenient way to borrow books, CDs and movies. Server congestion can be the consequence of to many users. However, this problem has already been considered when setting up the server, so this page should also work with many members who are online at the same time.

10. Quality

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