**Building an Enterprise App with WPF, MVVM, and Entity Framework Code First**

**Defining the Architecture**

**About N-tier and client-server**

* **N-tier:**
* Eine Multi-Tier-Architecture ist eine dreigliedrige Schichtenarchitektur, mit ne Client – Middle Tier – und Database
* **Client Server:**
* The Client-server architecture doesn’t have the Middle-Tier
* It connect directly to the database

**Plan the Client Layers**

**Set up the Organizer**

**Building the Basic UI Layer**

**Setting up Entity Framework**

**Decoupling the UI Parts**

**Communicating Between ViewModels**

**Saving Data**

**Validating User Input**

**Detecting Model Changes**

**Adding and Deleting Entities**

**Working with Lookups**

**Working with Objects Graphs**

**Refactoring to Support Other Detail Views**

**Introducing another Detail View**

**Picking M:N-related Details**

**Switching to a Tabbed UI**

**Creating a Detail View for Collections**

**Implementing Optimistic Concurrency**

**Styling the Application**