

## WF Adressverwaltung

### a. Architecture:

- I. User Interface: Windows Forms.
- II. Database: SQL Server 2017
- III. Visual Studio 2019
- IV. Data-Access: Entity Framework 6.0

### b. Code style

#### I. Naming Convention:

- Text: txt
- Form: frm
- Dropdown: cmbx
- DataGridView: dgv
- Button: btn
- Function Name: Start with small letter (e.g. frmAddress\_Load())

### c. Required comments

#### I. Three Data Tables:

##### **Anschrift:**

[AnschriftID]→Primary Key	[StadtId]→ foreign Key
[StraßeName]	[LandId]→ foreign Key
[WohnungNummer]	[HashValue]→ Not using;
[PLZ]	[HashCode]→ used to check duplicate Entry. Stored sum of columns of that corresponding row.

##### **Country**

- CountryID
- CountryCode
- CountryName

##### **Stadt**

- StadtID
- StadtCode
- StadtName
- LandCode