**WF\_Adressverwaltung**

1. **Architecture:** 
   1. User Interface: Windows Forms.
   2. Database: SQL Server 2017
   3. Visual Studio 2019
   4. Data-Access: Entity Framework 6.0
2. **Code style**
   1. Naming Convention:
      * Text: txt
      * Form: frm
      * Dropdown: cmbx
      * DataGridView: dgv
      * Button: btn
      * Function Name: Start with small letter (e.g. frmAddress\_Load())
3. **Required comments**
   1. 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**