**TabControlModule.Models.PLC**

* oRegisterSettings is the object of DataAccess --> VARegisterSettings
* Inside VAPLCOperations Class

**Class Visimaster App.xaml**

1. Run Constructer public App()
2. OnStartup(StartupEventArgs e)

* Check Licence()

Step 1: Call CheclValidLicense() method.

* + Create Instance of **LicenseHelper Instance** class name as **licenseHelper**
  + After that **licenseHelper** set to Value **null.**
  + Then return licenseHelper.CheclValidLicense() means call the licenseHelper.CheclValidLicense() method.
  + Inside **licenseHelper.CheclValidLicense()** method one call
  + **ReadLicenseFile**() Method.
  + Inside **ReadLicenseFile**() method firstly check LicenseKey.txt Exit or Not. If file is not then execute else statement and show message LicenseKey file not found. Please add 'LicenseKey' file and try again.
  + if file is present then goes inside if and read all file data using **File.ReadAllText(**@"LicenseKey.txt", Encoding.UTF8**) method** and store inside \_licenseString.
  + After that check condition if \_LecenseString.Length == 0 then IsValideLicense set to false. And display Message LicenseFile Is Empty: Otherwise IsValideLicense set to true. And return to **CheclValidLicense()** method. And check condition if IsValideLicense is true then call ParseLicenseKey() method.
  + **Inside ParseLicenseKey() method :**  then check condition if \_licenseString is not null then go inside if. After that create object of **VASecureString class** name as **secureString.** and create one string localLK and call secureString.Decrypt(\_LecenseString) method.

Step 2: Call CheckHalconLicence() Method

**Not Understand Point**

* Decrypt() method
* Rfc2898DeriveBytes pdb = new Rfc2898DeriveBytes(EncryptionKey, new byte[] {

0x49, 0x76, 0x61, 0x6e, 0x20, 0x4d, 0x65, 0x64, 0x76, 0x65, 0x64, 0x65, 0x76 })

* **RegisterTypes(IContainerRegistry containerRegistry)**

**MasterWindowViewModel //** Constructer

**Step 1:**

1. **CheckAllDependencies() :** This is a Boolean method its check database Connected or not. If database connected, then return true otherwise return false.