



PANDUAN DEVELOPER



*Panduan Pengembangan
Aplikasi Perangkat Lunak
dengan menggunakan
framework CoreNET dan
CoreNET Content Management
System*

Hendi Wibowo

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PANDUAN DEVELOPER

Hendi Wibowo
hendi135@gmail.com

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Bab 1. Instalasi ADK CoreNET Framework

1.1 Download ADK CoreNET Framework

Kunjungi portal <https://corenet.usadi.id>, dan klik “Download CoreNET”.



Atau anda bisa men-download CoreNET ADK dari link *github* berikut ini:

<https://github.com/hw22011980/CoreNET/>

Extract dan bukalah folder **\Published**, sebagaimana gambar berikut ini (pastikan setting di *file explorer* menampilkan ekstensi file:

Name	Date modified	Type	Size
WebCMS	02/11/2019 22:22	File folder	
CompactCMS.exe	31/10/2019 13:01	Application	992 KB
CompactCMS.exe.config	01/11/2019 3:54	CONFIG File	2 KB
HWCServer.exe	31/10/2019 13:01	Application	99 KB
HWCServer.exe.config	31/10/2019 12:58	CONFIG File	1 KB

1.2 Struktur Folder Published

Folder **Published** terdiri dari beberapa file, diantaranya file-file berikut ini:

No	Nama Folder/File	Keterangan
1	WebCMS	Folder aplikasi CMS berbasis web menggunakan ASP.NET dan .NET Framework
2	CoreNETLauncher.exe	Launcher dari CMS, aplikasi desktop yang mengandung <i>embedded internet browser</i>
3	CoreNETLauncher.exe.config	Berisi konfigurasi dari aplikasi CoreNETLauncher.exe
4	HWCServer.exe	Aplikasi <i>embedded web server</i> , sebagai alternatif pengganti IIS
5	HWCServer.exe.config	Berisi konfigurasi dari aplikasi HWCServer.exe

1.3 Jalankan Launcher

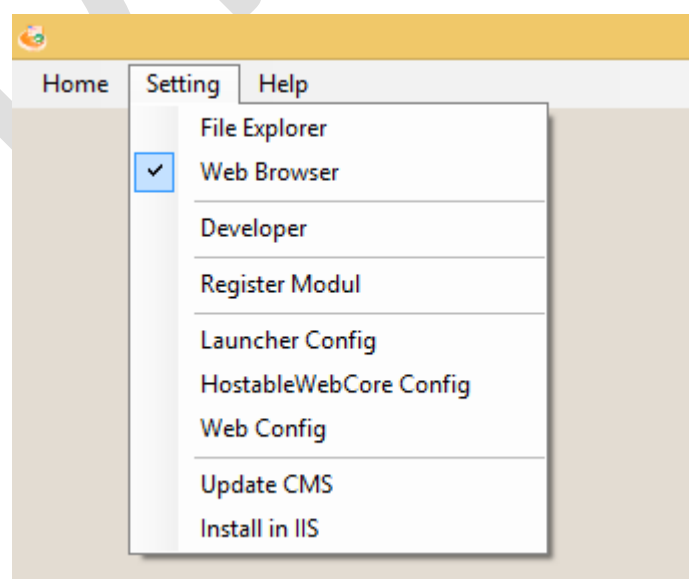
1. Klik file **CoreNETLauncher.exe** sehingga menampilkan tampilan sbb. (Pastikan aplikasi dikecualikan dari aplikasi anti virus di komputer anda).



2. Jika halaman **“Get your license”** yang muncul, aplikasi **WebCMS** sudah berhasil terinstal di komputer anda, dengan alamat sesuai dengan yang ada di file **CoreNETLauncher.exe.config**, yaitu di **localhost** dan default port **54321** sbb. (setting port yang *compatible* dapat diubah selama port tersedia)
3. Jika muncul **error 404**, **“the resource cannot be found”** seperti ini, **WebCMS** belum terinstal dengan benar, karena (1) **embedded webserver** belum berhasil *running* atau (2) setting URL tidak valid.



4. Bukalah file konfigurasi **CoreNETLauncher** dengan mengklik menu **“Launcher config”**, lalu buka dengan menggunakan **notepad** atau **text editor** lainnya sbb.



5. Perhatikan sebagian isi file konfigurasi **CoreNETLauncher** berikut ini.

```
<setting name="Moduls" serializeAs="String">
  <value>
    Modul1|http://localhost:54321/Login.aspx?kdapp=00.99.00.
    ||Modul2|http://localhost:54321/Login.aspx?kdapp=00.00.01.
  </value>
</setting>
```

Modul/aplikasi yang tersedia, sesuai nilai *Value* dari *setting name* "**Moduls**" pada contoh di atas adalah sbb.

No	Judul	URL
1	Modul1	http://localhost:54321/Login.aspx?kdapp=00.99.00.
2	Modul2	http://localhost:54321/Login.aspx?kdapp=00.00.01.

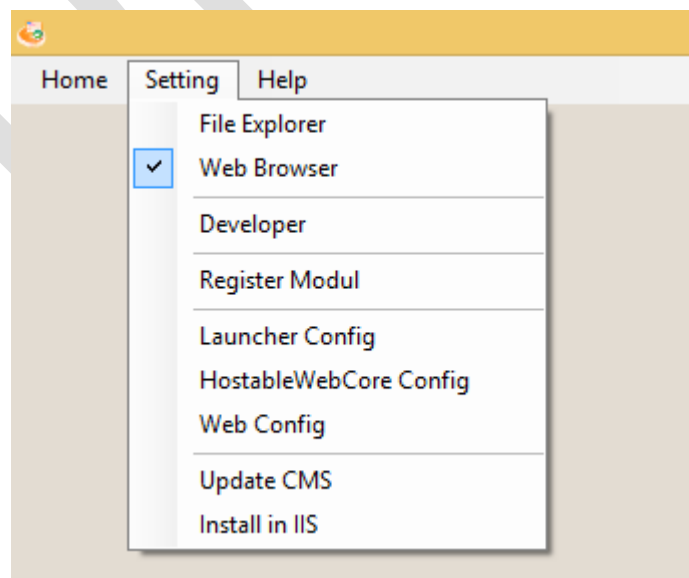
Perhatikan delimiter (karakter pembatas) untuk pemisah modul adalah "|", sedangkan untuk pemisah judul modul dengan URLnya adalah "||";

6. Jika yang muncul **error 404**, "*the resource cannot be found*" seperti point 3. Artinya URL aplikasi sebagaimana terdaftar di **konfigurasi Launcher** tidak bisa diakses (URL tidak ditemukan).

Solusi yang dapat dilakukan adalah (1) *troubleshooting* aplikasi **HWCServer.exe** (*HostableWebCore Server*), yaitu aplikasi yang berfungsi sebagai web server sebagai pengganti IIS, (2) Instal aplikasi CMS di IIS.

Pada tutorial ini, akan ditunjukkan bagaimana melakukan instalasi/registrasi aplikasi CoreNET CMS di aplikasi IIS.

7. Klik menu "**Install in IIS**" seperti pada gambar berikut ini.



Lalu akan muncul halaman seperti gambar berikut ini.

Register Application in IIS

Site Name: Default Web Site

Application Path: D:\Published\WebCMS

Application Nama: MyApp

Application URL: http://localhost/MyApp/Login.aspx?kdapp=00.99.00.

Application Pool: MyApp

Buttons: Create IIS Application, Close

Isikan “**Application Name**” lalu tekan tombol “**Create IIS Application**”. Lalu tutup jendela dengan mengklik tombol “**Close**”;

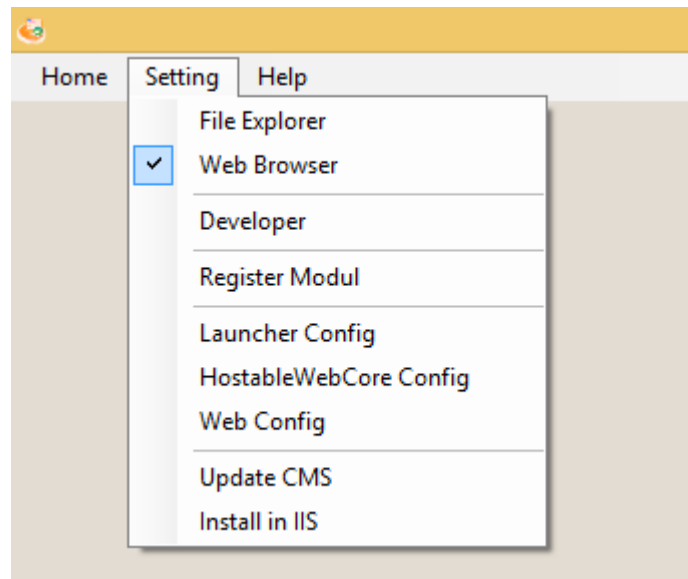
8. Setelah anda berhasil menambah aplikasi **WebCMS** di IIS, cobalah akses URL yang dibentuk dengan menggunakan **internet browser**. Lakukan “Paste” pada halaman URL. Setelah berhasil, sesuaikan url yang dibuat pada file **konfigurasi launcher** seperti **langkah 3**.

```
<setting name="Moduls" serializeAs="String">
  <value>
    Modul1|http://localhost/MyApp/Login.aspx?kdapp=00.99.00.
    ||Modul2|http://localhost/MyApp/Login.aspx?kdapp=00.99.01.
  </value>
</setting>
```

9. Tutup aplikasi lalu buka kembali untuk menampilkan perubahan yang sudah dilakukan
10. Jika diperlukan anda dapat melakukan instalasi manual aplikasi **WebCMS** di IIS dengan menggunakan **IIS Manager**
11. Jika masih ada masalah, kirimkan deskripsi permasalahan, disertai capture layar komputer jika diperlukan, melalui email ke corenet.admin@gmail.com

1.4 Register CoreNET WebCMS

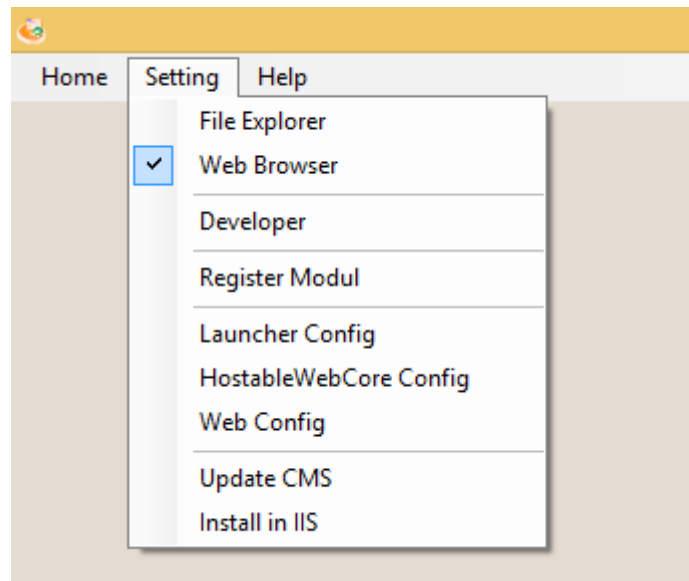
1. Klik menu “Register Modul” seperti pada gambar berikut ini



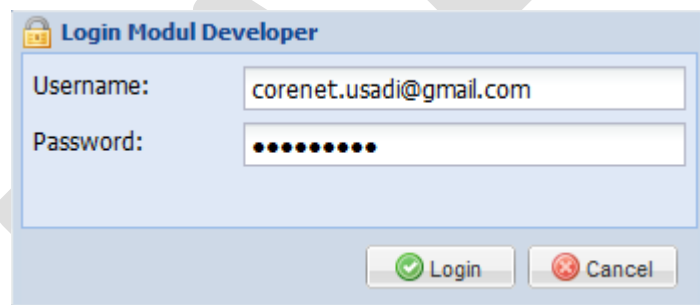
2. Masukkan alamat email, nomor ponsel, password dan ulangi password. Lalu klik tombol “Register”.

A screenshot of the 'Register' form in the CoreNET WebCMS. The form has a title bar with a lock icon and the word 'Register'. Below the title bar are two tabs: 'User' (selected) and 'Application'. The form contains four input fields: 'Email:' with the value 'corenet.usadi@gmail.com', 'Password:' with masked characters '.....', 'Ulangi Password:' with masked characters '.....', and 'Phone No.:' with the value '081395929218'. At the bottom right of the form is a button with a green checkmark icon and the text 'Register'.

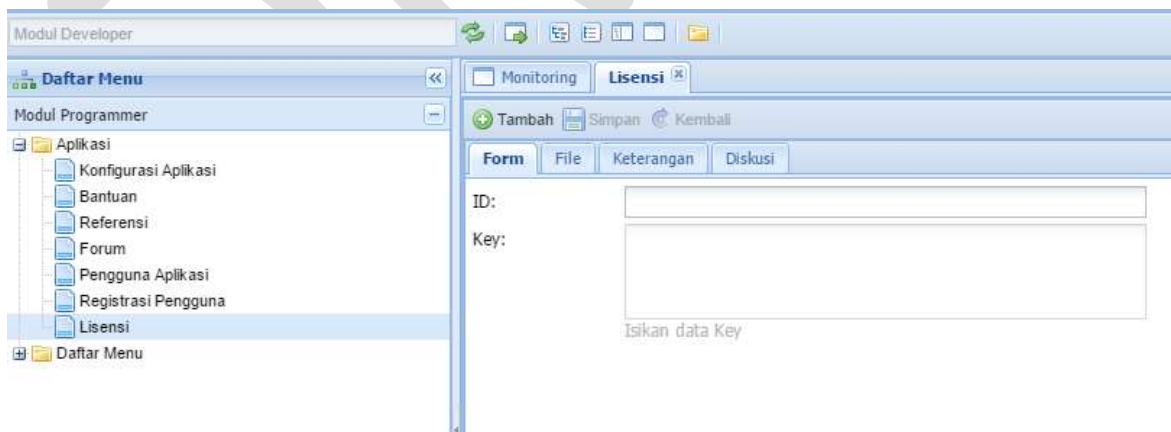
- Setelah itu masuklah ke **Modul Developer** dengan mengklik menu “Developer”



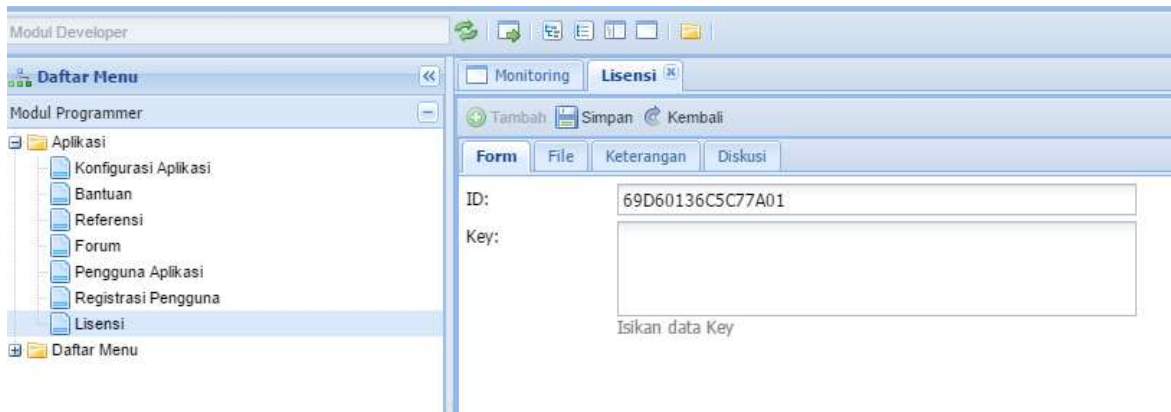
- Masukkan login dengan email dan password yang sudah ditambahkan di **langkah 2**



- Klik menu “Lisensi” seperti di gambar berikut ini



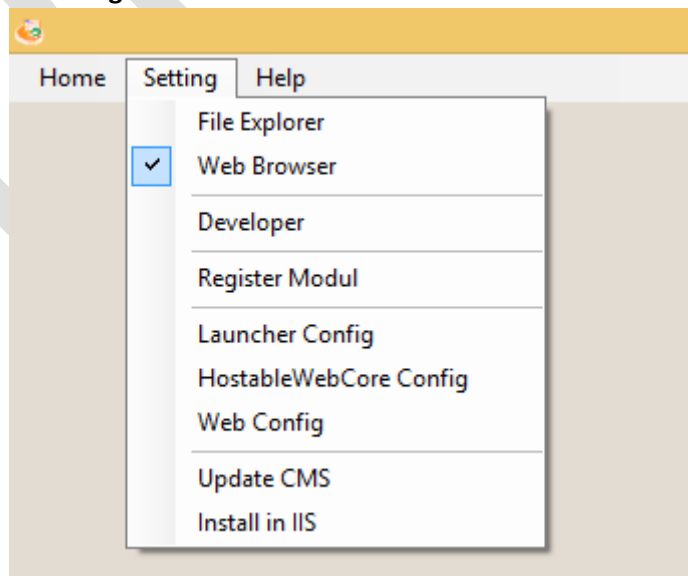
6. Klik tombol **"Tambah"** lalu copaskan **"challenge key"** yang diperoleh dari langkah 1.3. di field ID seperti gambar berikut ini.



7. Klik tombol **"Simpan"**, lalu copykan isi nilai **"Key"**



8. Klik menu **"Web Config"**



9. Paste kan nilai “Key” di langkah 7 ke baris di file “web.config” sbb.

```
<add key="DataDir" value="D:/Files/SmartAdmin/" />
<add key="DataSource" value="dev2019.usadi.co.id" />
<add key="DataSourceDB" value="V@LID49V7" />
<add key="DataSourceSys" value="jhKuR3YFNOS7kxsp9JgOMNzvZ1hjSX9JLN0UGFs4B36wSQ11Aos" />
<add key="LBL_INFORMASI" value="Informasi" />
<add key="MSG_NULL_SESSION" value="Session habis, anda harus login kembali" />
```

10. Tutup aplikasi lalu buka kembali untuk menampilkan perubahan yang sudah dilakukan

11. Akan tampil halaman login ke modul aplikasi “Panduan Developer”



12. Jika masih ada masalah, kirimkan deskripsi permasalahan, disertai capture layar komputer jika diperlukan, melalui email ke corenet.usadi@gmail.com

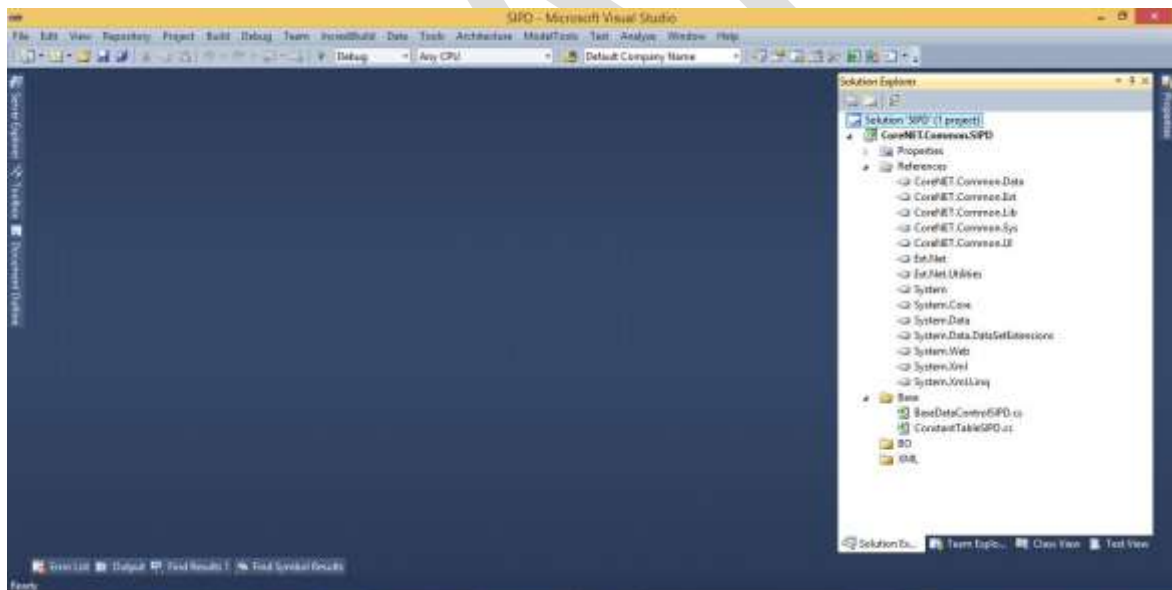
Bab 2 Inisialisasi Visual Studio Project Library

1. Setelah anda men-download ADK CoreNET Framework dari <https://github.com/hw22011980/CoreNET/>, extract dan bukalah folder \Resources, sebagaimana gambar berikut ini:

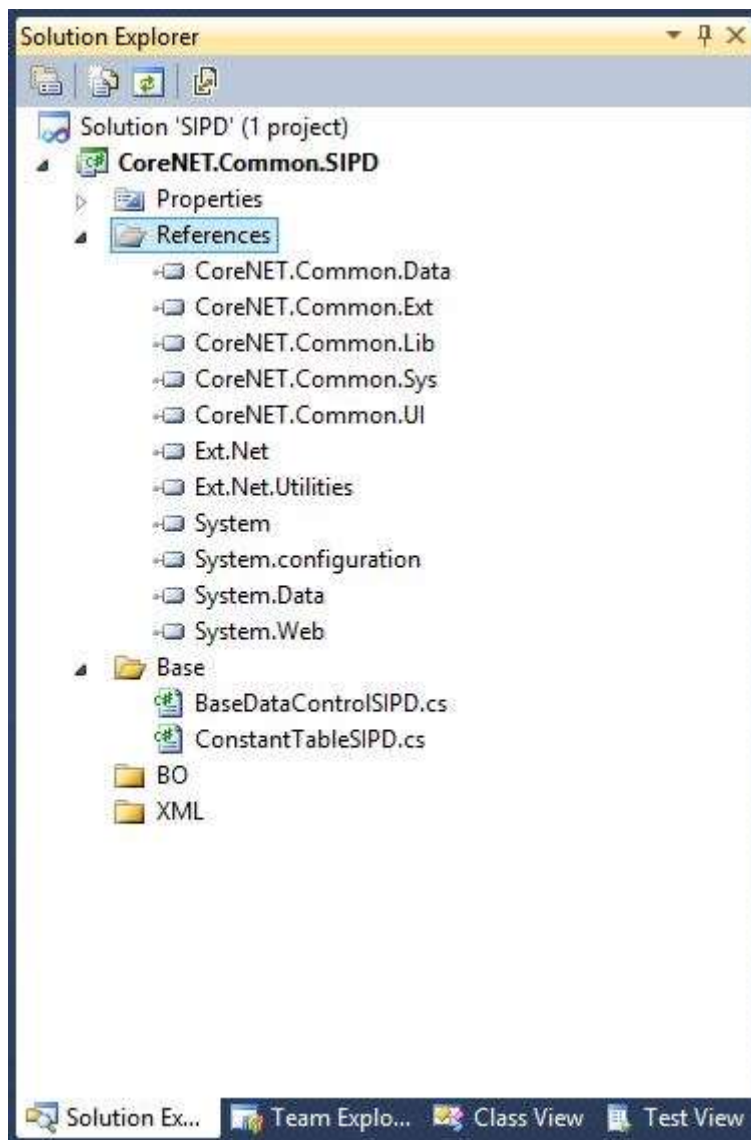
Name	Date modified	Type	Size
Bin	02/11/2019 17:27	File folder	
CoreNET.Common.SIPD	02/11/2019 17:25	File folder	
Doc	02/11/2019 17:40	File folder	
SIPD.sln	02/11/2019 17:27	Microsoft Visual Studio Solution	1 KB

No	Nama Folder/File	Keterangan
1	Bin	Berisi file binary (*.dll) CoreNET dan <i>dependent library</i> eksternal lainnya
2	CoreNET.Common.SIPD	Berisi <i>source code project library</i>
3	Doc	Berisi file ini dan dokumentasi lainnya
4	SIPD.sln	Microsoft Visual Studio Solution

2. Jika anda sudah menginstal **Visual Studio 2010** (atau versi yang lebih baru), klik dua kali file SIPD.sln sehingga muncul gambar berikut ini:



Perhatikan jendela *Solution Explorer*, berikut ini:



2.1 Struktur Project

Template *project library* CoreNET terdiri dari beberapa *artefact* utama, sbb:

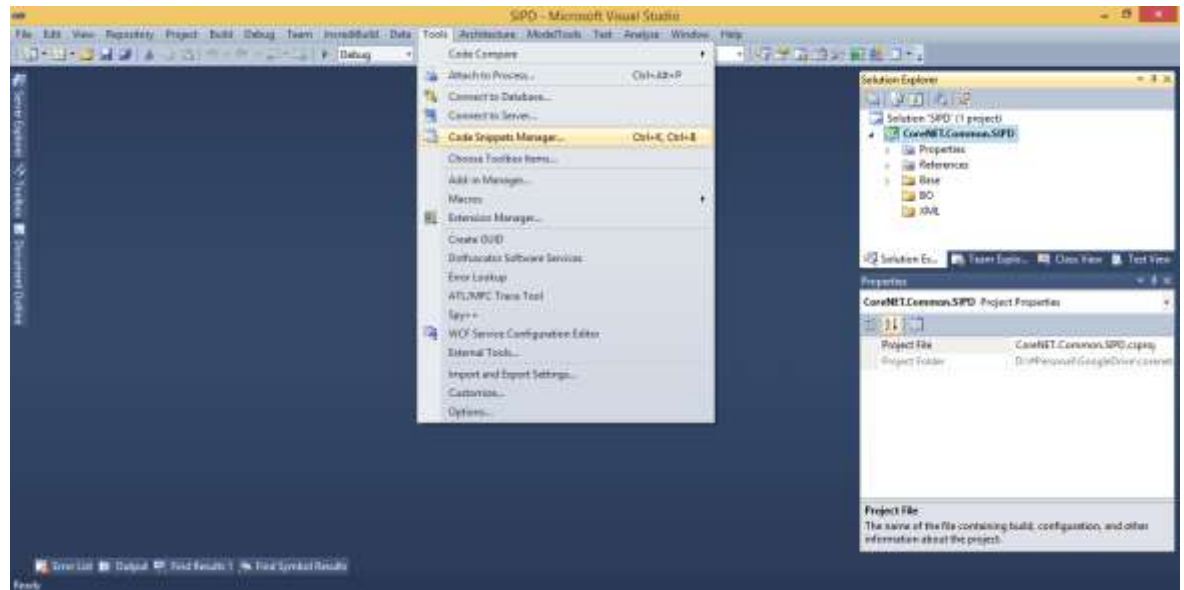
No	Nama Folder/File	Keterangan
1	Properties	Berisi <i>properties</i> dan <i>assembly information</i> dari <i>project</i>
2	References	Berisi file <i>binary</i> (*.dll) CoreNET dan <i>dependent library</i> eksternal lainnya
	CoreNET.Common.Data	Berisi <i>library</i> untuk akses data menggunakan ibatis.NET dan BO <i>class system</i>
	CoreNET.Common.Ext	Berisi <i>base class</i> , <i>interface</i> dan <i>utilities</i> untuk mapping <i>controller</i> (BO <i>class</i>) dengan UI komponen Ext.NET
	CoreNET.Common.Lib	<i>Library</i> berisi <i>base class</i> , <i>interface</i> dan <i>utilities</i> dasar framework CoreNET
	CoreNET.Common.Sys	Berisi BO <i>class system</i> yang digunakan pada modul developer dan dapat di- <i>inherit</i> , jika diperlukan
	CoreNET.Common.UI	Berisi <i>base class</i> , <i>interface</i> dan <i>utilities</i> untuk mapping <i>controller</i> (BO <i>class</i>) dengan UI komponen ASP.NET
	Ext.Net	Library untuk komponen UI Ext.NET
	Ext.Net.Utilities	Library untuk utility Ext.NET

No	Nama Folder/File	Keterangan
	System	Library .NET Framework standar
	System.configuration	Library .NET Framework untuk mengelola konfigurasi yang disimpan di file *.config
	System.Data	Library .NET Framework berisi <i>utilities</i> untuk mengelola data
	System.Web	Library untuk komponen UI Ext.NET
3	Base	Berisi <i>source code</i> yang menjadi <i>base class</i> atau banyak digunakan di <i>class-class</i> lainnya
	BaseDataControlSIPD.cs	Base class untuk semua BO (<i>bussiness object</i>) <i>class</i>
	ConstantTableSIPD.cs	Class untuk menyimpan konstanta yang sering digunakan, khususnya kontantan untuk nama file XML yang akan diset pada property XMLName
4	BO	Folder tempat menyimpan <i>source code</i> BO (<i>bussiness object</i>) <i>class</i>
5	XML	Folder tempat menyimpan file XML berisi query ke database

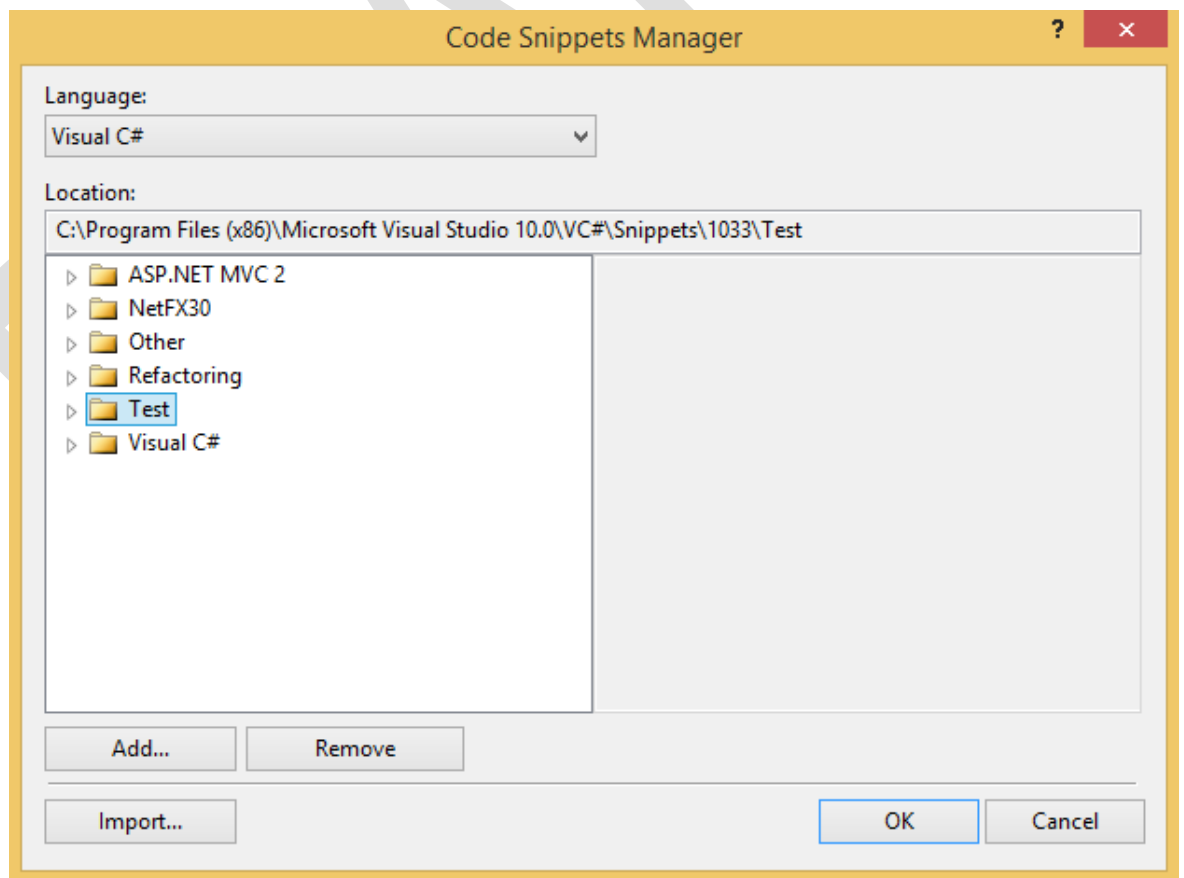
2.2. Snippet

Tambahkan Code Snippets di Visual Studio 2010 dengan cara sbb.

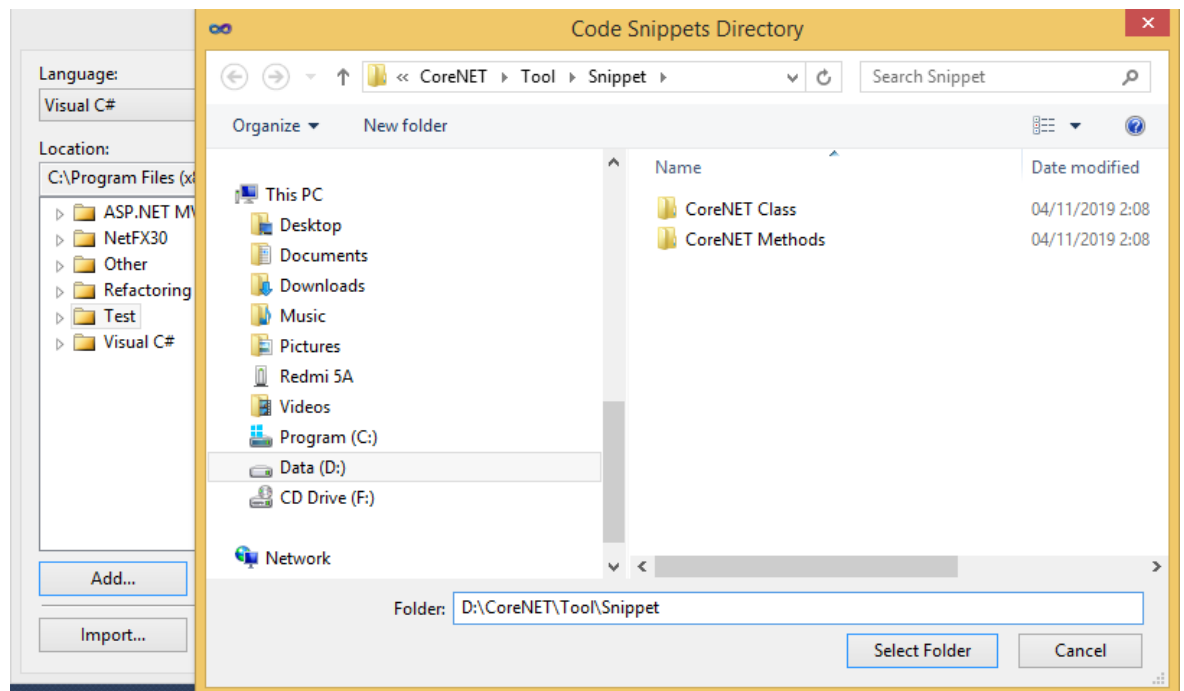
2.2.1. Klik Menu “Tools > Code Snippet Manager”



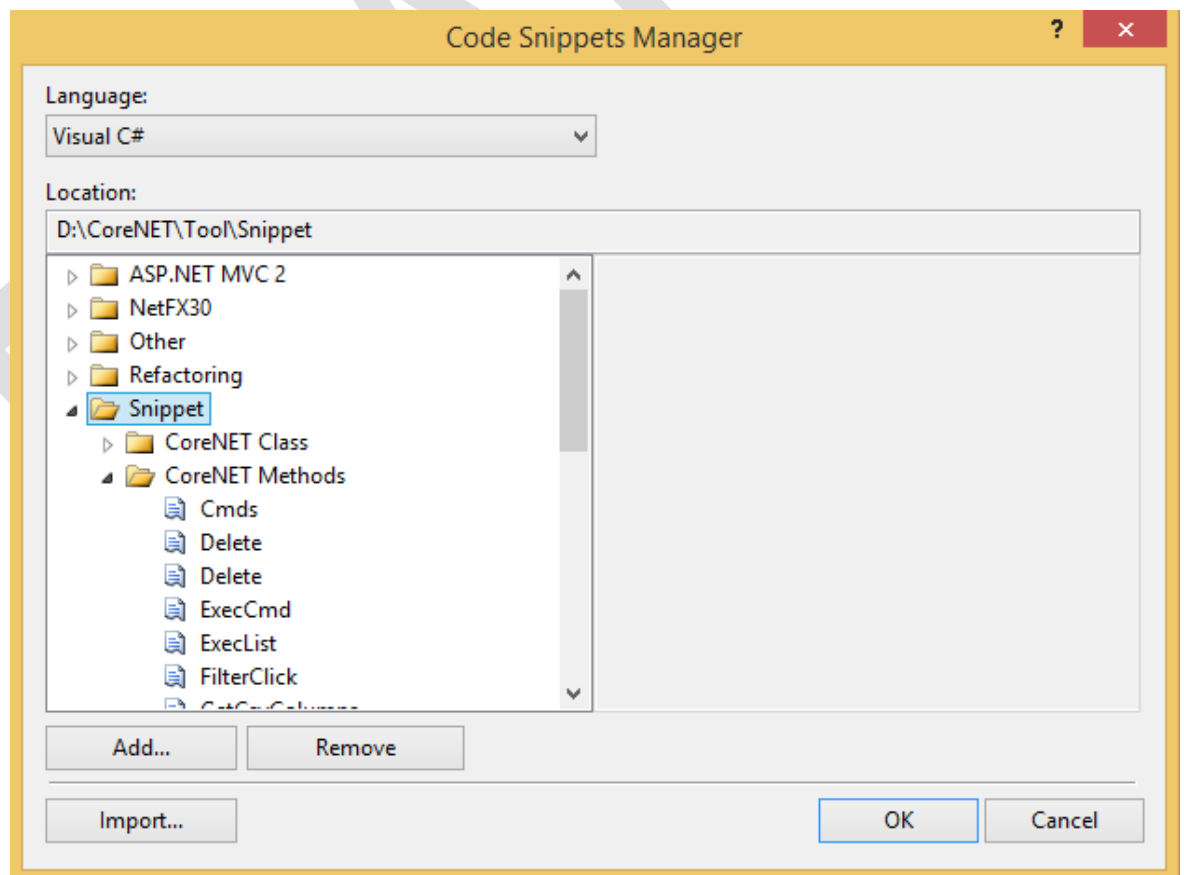
2.2.2. Pilih Language “C#”



2.2.3. Klik Tombol “Tambah”, lalu pilih folder “Tool\Snippet” di Folder CoreNET

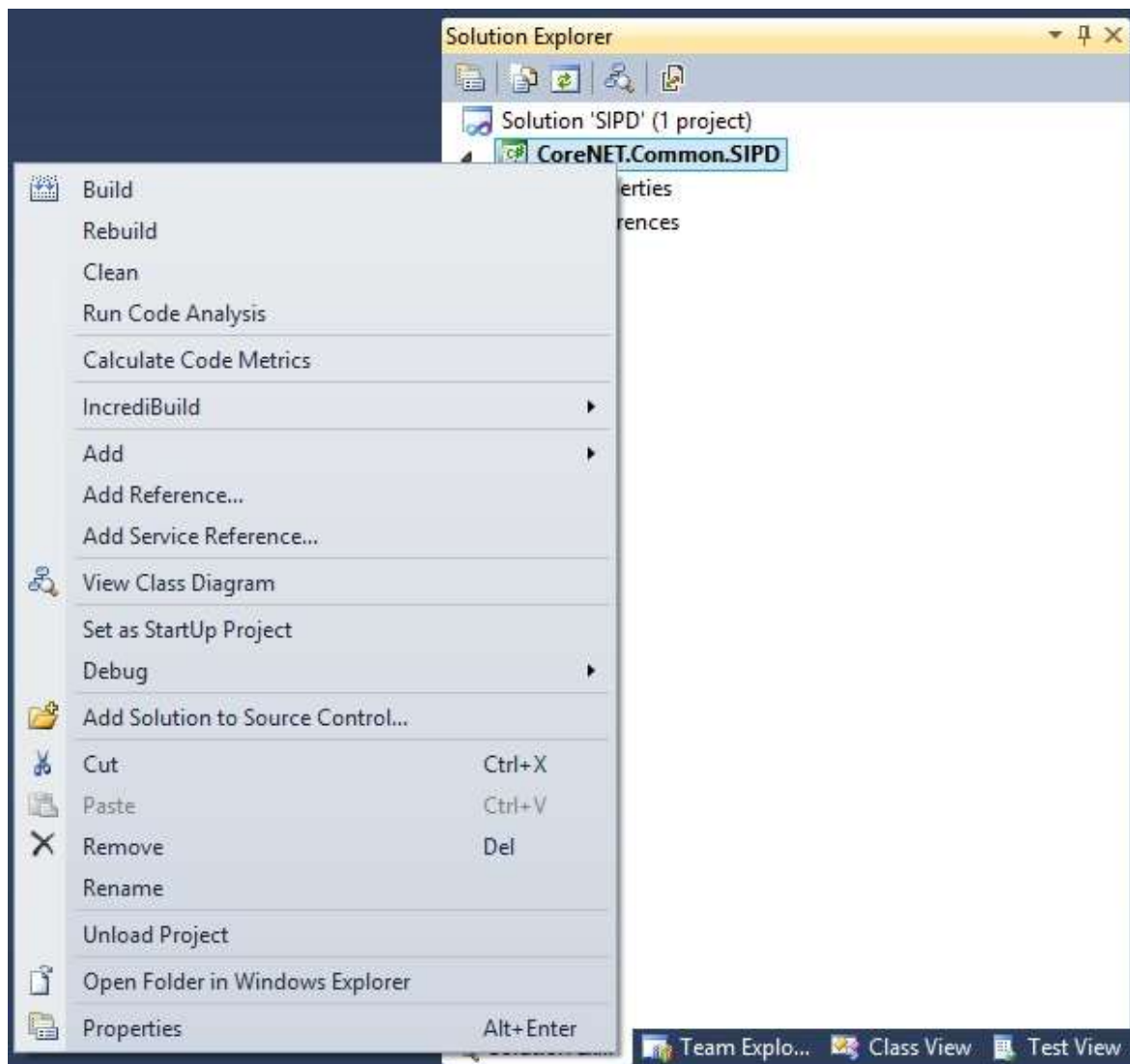


2.2.4. Klik tombol “Select Folder” dan jika berhasil akan muncul halaman sbb.

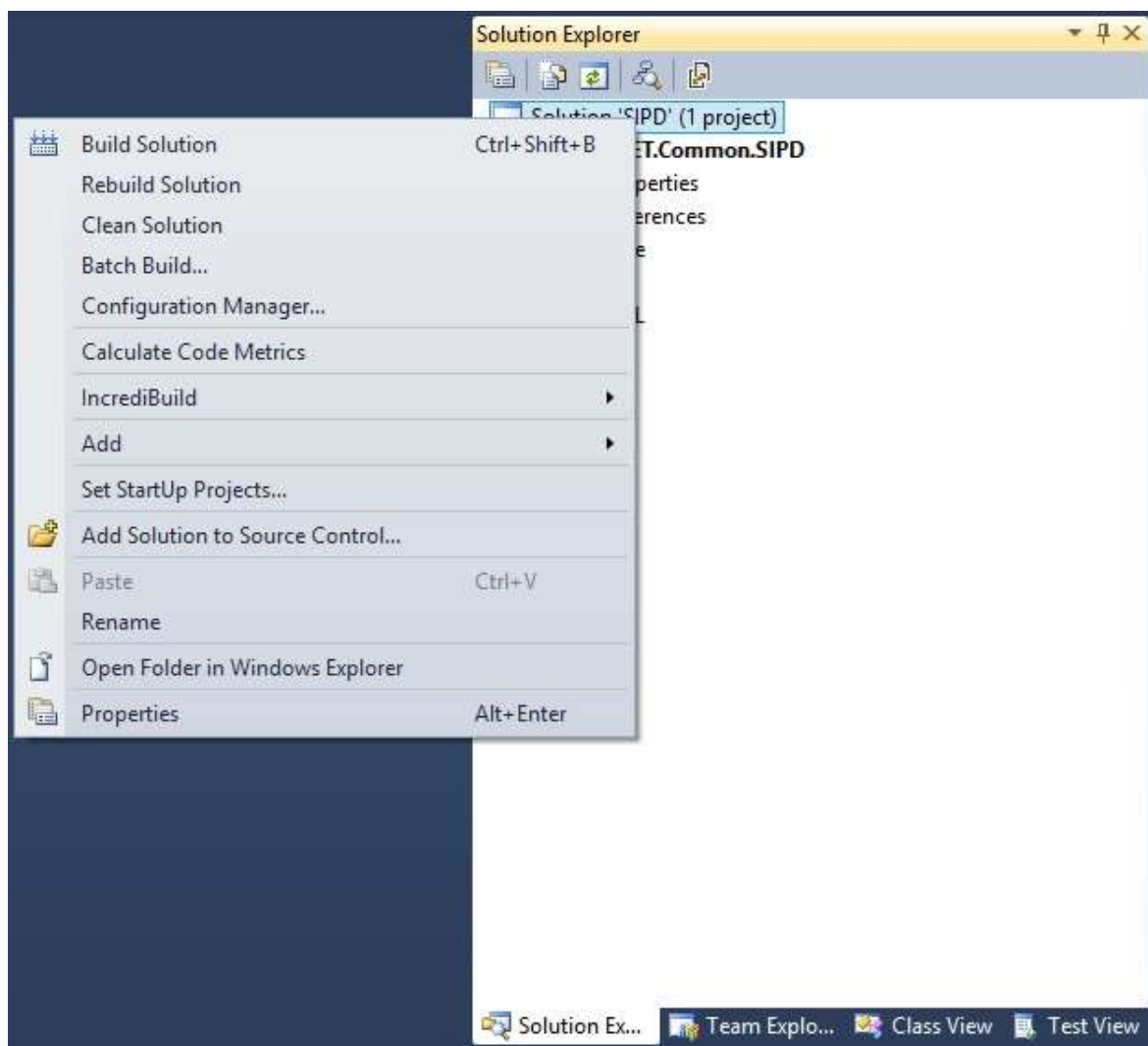


2.3 Test Compile/Build Project

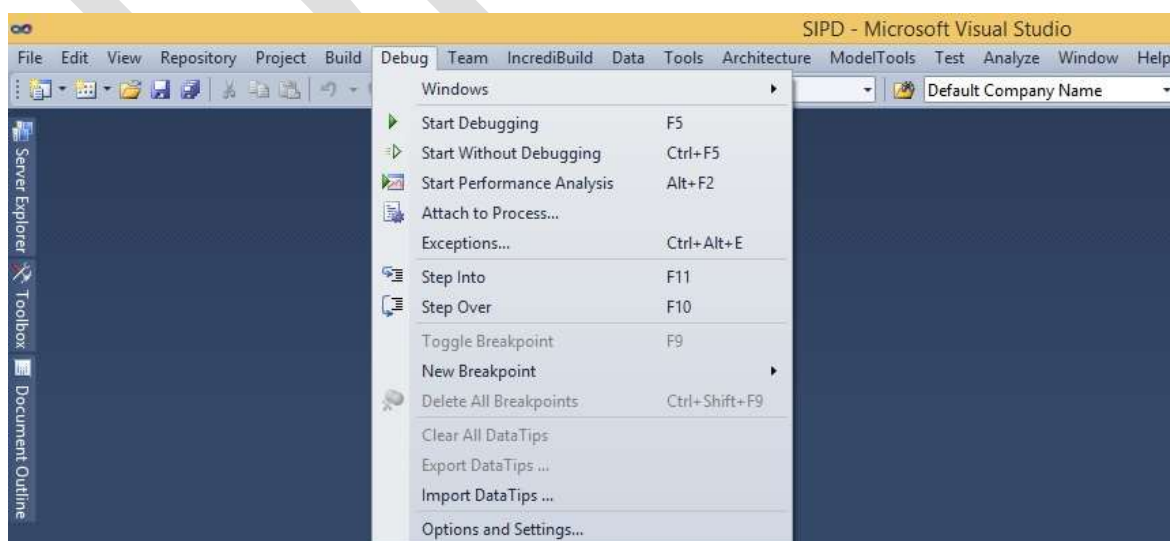
2.3.1. Klik kanan di "Project" lalu klik menu "Build" atau "Rebuild"



2.3.2. Klik kanan di “Project” lalu klik menu “Build Solution” atau “Rebuild Solution”



2.3.3. Klik Menu “Debug > Start without Debugging”

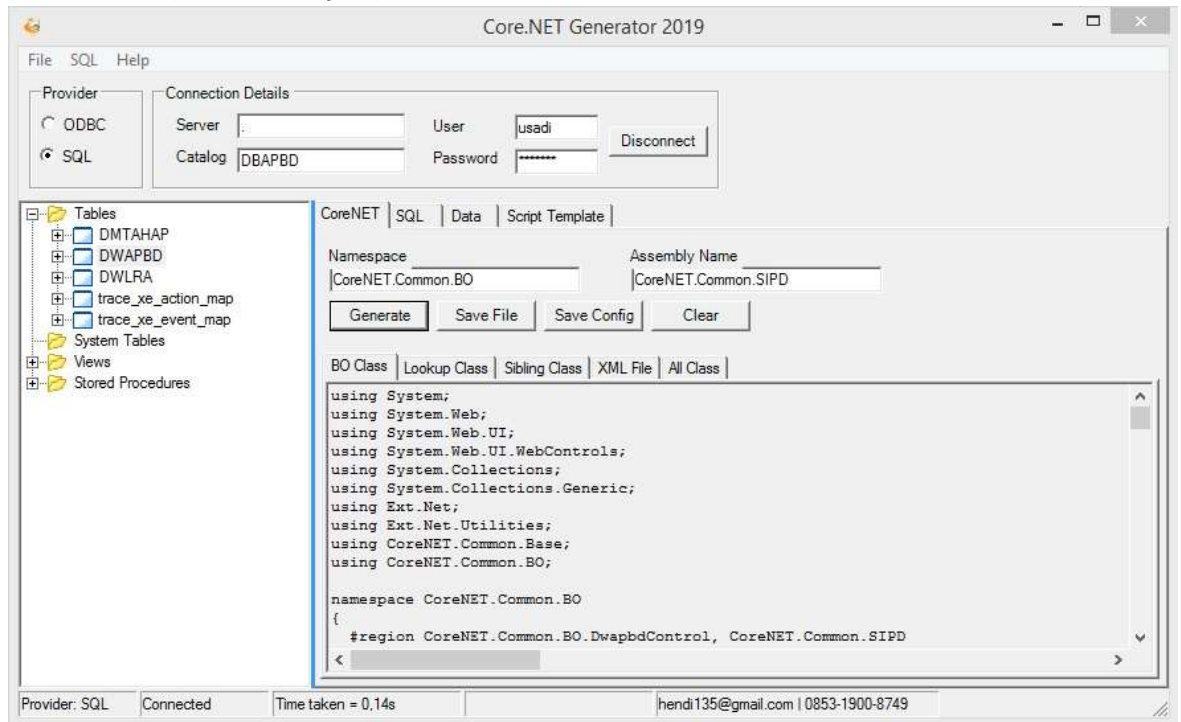


Bab 3 Tutorial 1 : Membuat BO (*Bussiness Object*) Class

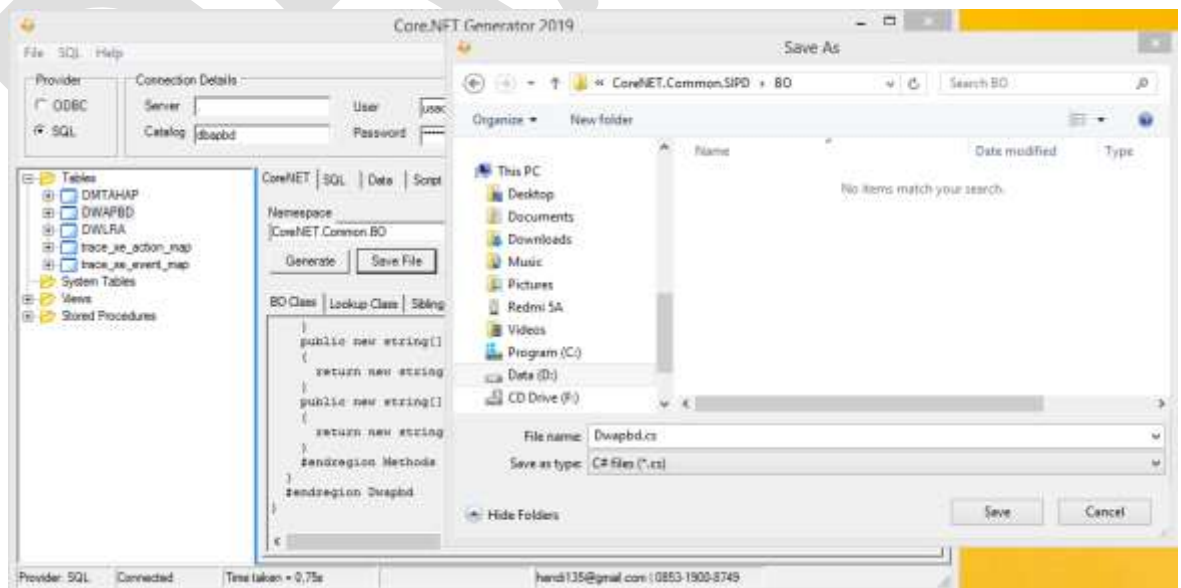
Untuk membuat BO Class, lakukan langkah – langkah berikut ini:

3.1 Generate BO (*Bussiness Object*) Class File Menggunakan CoreNET Generator

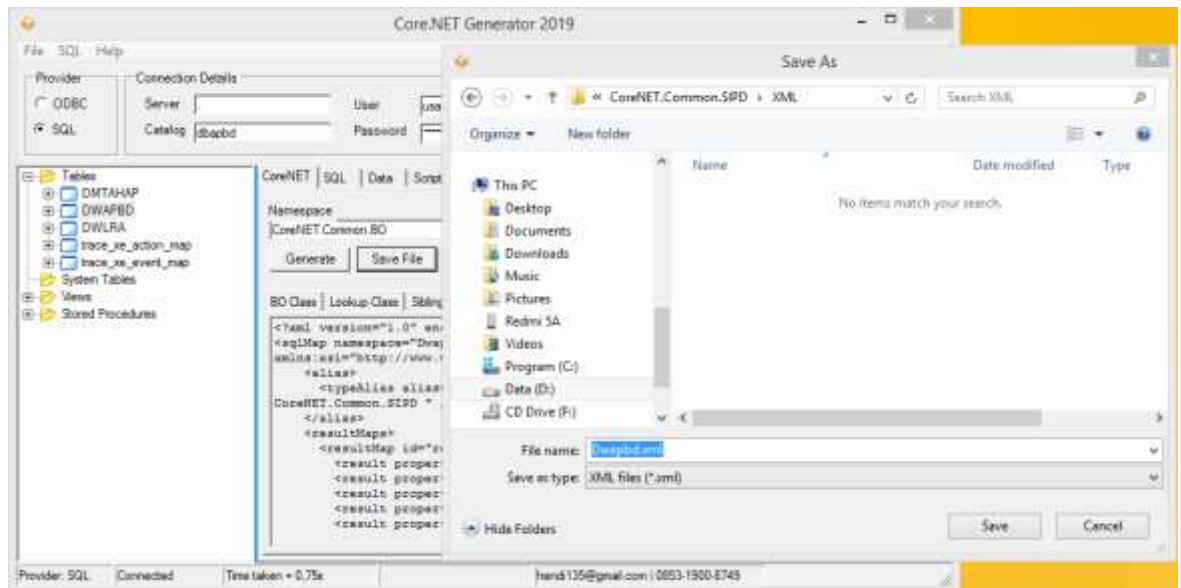
1. Jalankan **tool CoreNET Generator** (lihat lampiran C)
2. **Generate BO (*Bussiness Object*) Class File**



3. Simpan File "**Dwapbd.cs**" ke folder "**CoreNET.Common.SIPD\BO**"



4. Simpan File "**Dwapbd.xml**" ke folder "**CoreNET.Common.SIPD\XML**"



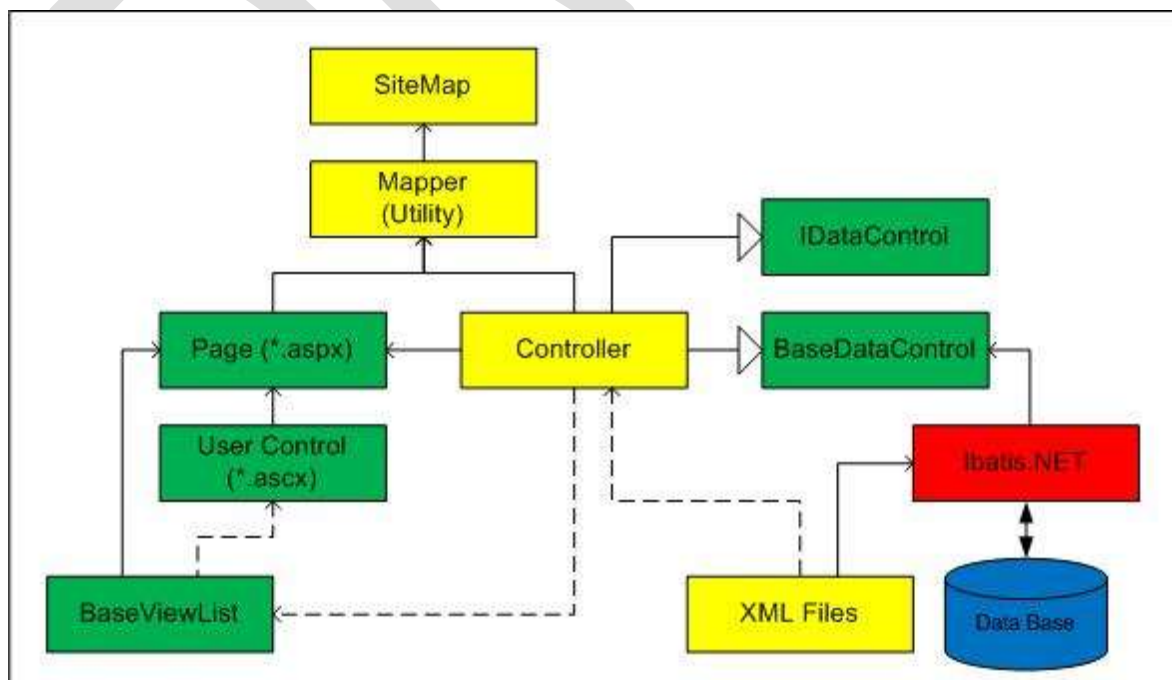
5. Show All Files
6. Include
7. Build/Rebuild

2.4 Meng-compile (Build) Project Library Menjadi File Dll

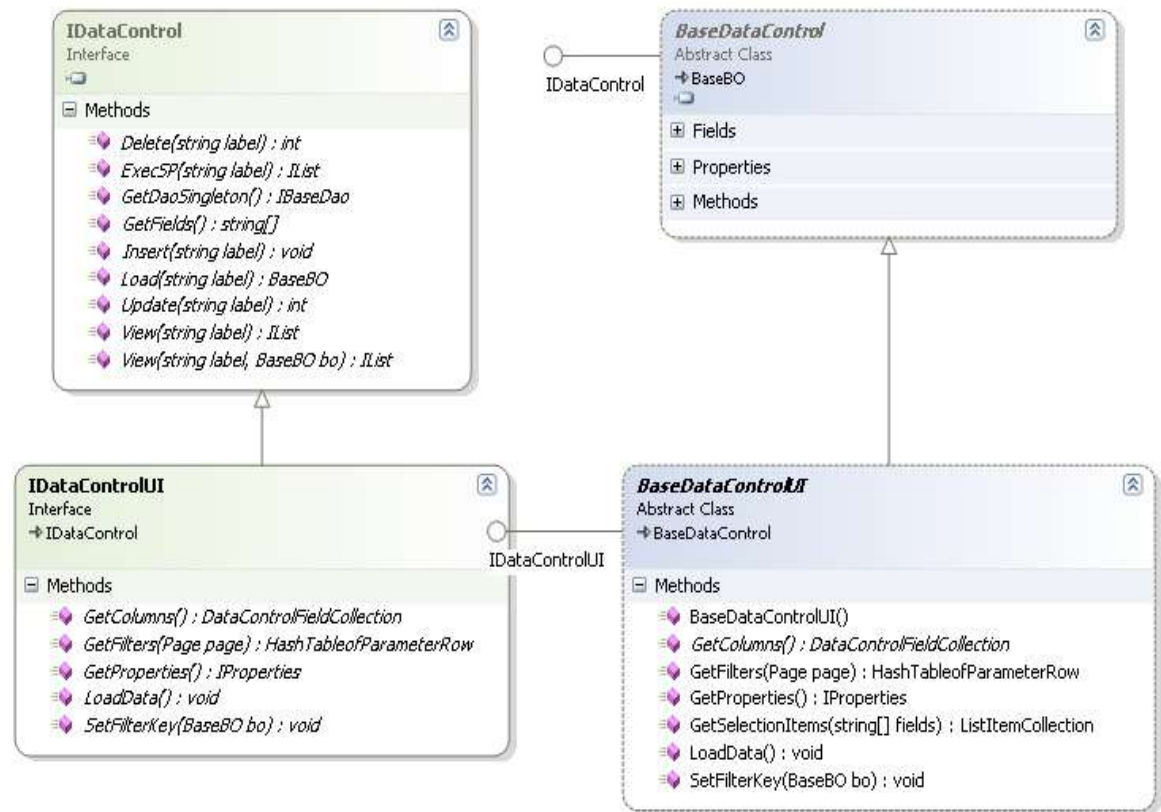
2.5 Menambahkan Konfigurasi di File `sqlmap.config`

2.6 Menambahkan Mapping Menu di Modul Developer

2.7 Troubleshooting



DRAFT



A.4 CoreNET.Common.Ext

Lampiran B CoreNET Framework – Documentation

B.1 CoreNET.Common.Lib

B.1.1 CoreNET.Common.Base

No	Type	Nama	Keterangan
1	Class	BaseBO	
2	Class	BaseDataAdapter	
3	Class	GlobalData	
4	Class	GlobalLib	
5	Class	MasterAppConstants	
6	Class	MyDocumentFormat	
7	Class	SoftwareBit2	
8	Class	SQLDataSource	
9	Class	UtilityBO	
10	Class	UtilityLib	
11	Interface	ICsv	
12	Interface	IDashboard	
13	Interface	IDataControl	
14	Interface	IDataControlApp	
15	Interface	IDataControlAppuser	
16	Interface	IDataControlDictionary	
17	Interface	IDataControlMenuMapClasses	
18	Interface	IDataControlText	
19	Interface	ILoadCsv	
20	Interface	ITable	

B.1.1.1 BaseBO

No	Type	Nama	Ket
1	Method	BaseBO()	
2	Method	CekFields(string[])	
3	Method	ChangeModePreviewIndex()	
4	Method	Clone(CoreNET.Common.Base.IDataControl)	
5	Method	Clone1()	
6	Method	Clone2<BaseBO>(BaseBO)	
7	Method	CopyPropertyBO(CoreNET.Common.Base.BaseBO)	
8	Method	CopyPropertyBOFrom(CoreNET.Common.Base.BaseBO)	
9	Method	CopyPropertyBOFrom(CoreNET.Common.Base.BaseBO, string[])	
10	Method	Create(string)	
11	Method	GetFields()	
12	Method	GetFields(System.Collections.ArrayList)	
13	Method	GetFieldsString()	
14	Method	GetMaxModePreviewIndex()	
15	Method	GetModePreviewIndex()	
16	Method	GetNotFields()	
17	Method	GetProgressicon(decimal)	
18	Method	GetProperty(string)	
19	Method	GetStaticDefaultDebug(CoreNET.Common.Base.BaseBO)	
20	Method	GetValue(string)	
21	Method	IsEqualValue(CoreNET.Common.Base.BaseBO, string[])	
22	Method	IsMirror(CoreNET.Common.Base.BaseBO)	
23	Method	Mirror(CoreNET.Common.Base.BaseBO, bool)	
24	Method	Mirror(CoreNET.Common.Base.BaseBO)	
25	Method	MirrorTo(CoreNET.Common.Base.BaseBO)	

26	Method	ParentKode(string)	
27	Method	SetDefaultDate(int, int, int)	
28	Method	SetDefaultDate(int)	
29	Method	SetDefaultDateStrict(int, int, int)	
30	Method	SetLevelType(string)	
31	Method	SetMaxModePreviewIndex(int)	
32	Method	SetPageKey()	
33	Method	SetPrimaryKey()	
34	Method	SetValue(string, object)	
35	Property	Adaptee	
36	Property	AllowSuperUser	
37	Property	App_by	
38	Property	App_date	
39	Property	Bulan	
40	Property	ConnectionString	
41	Property	Cre_by	
42	Property	Cre_date	
43	Property	DBName	
44	Property	Debug	
45	Property	Editable	
46	Property	EnableFilter	
47	Property	ForceOtentikasi	
48	Property	Forum	
49	Property	GrandTotal	
50	Property	Hal	
51	Property	Help	
52	Property	Html	

53	Property	Idapp	
54	Property	Iduser	
55	Property	Index	
56	Property	IsTesting	
57	Property	Kdlevel	
58	Property	Ket	
59	Property	Last_by	
60	Property	Last_date	
61	Property	MaxModePreviewIndex	
62	Property	Message	
63	Property	Mod_by	
64	Property	Mod_date	
65	Property	ModeDB	
66	Property	ModePage	
67	Property	ModePreviewIndex	
68	Property	Msg	
69	Property	Nchild	
70	Property	Nfiles	
71	Property	Ngroup	
72	Property	Nmsgs	
73	Property	No	
74	Property	Nourut	
75	Property	Path	
76	Property	Progress	
77	Property	Progressicon	
78	Property	Progresstr	
79	Property	Rating	

80	Property	Rev_by	
81	Property	Rev_date	
82	Property	Row	
83	Property	RowCount	
84	Property	Selected	
85	Property	Sign_by	
86	Property	Sign_date	
87	Property	Sinkron	
88	Property	Status	
89	Property	Status2	
90	Property	Statusicon	
91	Property	Statusicon2	
92	Property	Statusname	
93	Property	Statusname2	
94	Property	Stricon	
95	Property	Tahun	
96	Property	Tgl1	
97	Property	Tgl2	
98	Property	Type	
99	Property	UniqueID	
100	Property	Url	
101	Property	Userid	
102	Property	Valid	
103	Property	XMLName	
104	Property	YearEndDate	
105	Property	YearStartDate	
106	Field	ClientCompIP	

107	Field	ClientCompName	
108	Field	ClientUserID	
109	Field	_Debug	
110	Constanta	ADD_CHILD	
111	Constanta	ADD_NODE	
112	Constanta	ALL	
113	Constanta	CAN_BE_INSERTED	
114	Constanta	CAN_BE_UPDATED	
115	Constanta	COMMENT	
116	Constanta	DEFAULT	
117	Constanta	DELETE	
118	Constanta	DETIL	
119	Constanta	DISTINCT	
120	Constanta	FILTER	
121	Constanta	ID	
122	Constanta	INSERT	
123	Constanta	JURNAL	
124	Constanta	KEY	
125	Constanta	LAST	
126	Constanta	LIST	
127	Constanta	LOGIN	
128	Constanta	LOOKUP	
129	Constanta	LOOKUP_FOR_SELF	
130	Constanta	NORMAL	
131	Constanta	NOURUT	
132	Constanta	PARAM	
133	Constanta	PARENT	

134	Constanta	PK	
135	Constanta	RANGE	
136	Constanta	RANGE_3MONTHS	
137	Constanta	RANGE_6MONTHS	
138	Constanta	RANGE_DAY	
139	Constanta	RANGE_MONTH	
140	Constanta	RANGE_YEAR	
141	Constanta	REG	
142	Constanta	REPORT	
143	Constanta	STATUS	
144	Constanta	SYSTEM_ERR_CANT_INSERT_DUPLICATE	
145	Constanta	SYSTEM_ERR_CHILDREN_STILL_EXIST	
146	Constanta	SYSTEM_ERR_CONVERT_NUM_TO_MONEY	
147	Constanta	TOTAL	
148	Constanta	TYPE	
149	Constanta	UNION	
150	Constanta	USER	

B.1.1.2 BaseDataAdapter

No	Type	Nama	Keterangan
1	Construct	BaseDataAdapter ()	
2	Method	Dispose ()	
3	Method	ExecuteCmd (string, string)	
4	Method	ExecuteCmd (CoreNET.Common.Base.IDataControl, string)	
5	Method	GetListDC (CoreNET.Common.Base.IDataControl, string, string [])	
6	Method	GetListDC (CoreNET.Common.Base.IDataControl, string)	
7	Method	GetListObject (CoreNET.Common.Base.BaseBO, string, string [])	

8	Method	GetListTreeDC(CoreNET.Common.Base.IDataControl, string, string, string[])	
9	Method	GetListTreeDC(CoreNET.Common.Base.IDataControl, string, string)	
10	Method	GetNullValue(System.Reflection.PropertyInfo, object)	
11	Const	MODE_SQLCE	
12	Const	MODE_SQLSERVER	

B.1.1.3 GlobalData

No	Type	Nama	Keterangan
1	Construct	GlobalData()	
2	Property	DataSource	
3	Property	DataSourceDM	
4	Property	DataSourceLog	
5	Property	DataSourceOP	
6	Property	DataSourceOP2	
7	Property	DataSourceSys	

B.1.1.4 GlobalLib

No	Type	Nama	Keterangan
1	Construct	GlobalLib()	
2	Method	Encrypt(string)	
3	Method	GetPublishedKey()	
4	Method	PublicEncrypt(string)	
5	Property	PublicKey	

B.1.1.5 MasterAppConstants

No	Type	Nama	Keterangan
1	Method	SetValue(int, object)	

2	Property	AppDC	
3	Property	AppID	
4	Property	AppTitle	
5	Property	ClassDC	
6	Property	DictionaryDC	
7	Property	GroupDC	
8	Property	IdappProperty	
9	Property	Instance	
10	Property	LimitLoad	
11	Property	LogException	
12	Property	LookupClassDC	
13	Property	MasterAppID	
14	Property	MenuDC	
15	Property	NmappProperty	
16	Property	Param	
17	Property	ShowContextMenu	
18	Property	ShowTranslatedLabel	
19	Property	StatusAdmin	
20	Property	StatusServer	
21	Property	StatusTesting	
22	Property	URLBase	
23	Property	UserDC	
24	Const	APPDC	
25	Const	APPID	
26	Const	APPIDREF	
27	Const	APPTITLE	
28	Const	CLASSDC	

29	Const	DEFAULT_DICTIONARY_DC	
30	Const	DEFAULT_MASTERAPP_ID	
31	Const	DICTIONARYDC	
32	Const	GROUPDC	
33	Const	IDAPP_PROPERTY	
34	Const	LOOKUPCLASSDC	
35	Const	MASTERAPPID	
36	Const	MENUDC	
37	Const	NMAPP_PROPERTY	
38	Const	STR_ADMIN	
39	Const	STR_DEVELOPER	
40	Const	STR_TESTER	
41	Const	STR_USER	
42	Const	URLBASE	
43	Const	USERDC	

B.1.1.6 MyDocumentFormat

No	Type	Nama	Keterangan
1	Construct	MyDocumentFormat()	
2	Const	CSV	
3	Const	DOC	

B.1.1.7 SoftwareBit2

No	Type	Nama	Keterangan
1	Construct	SoftwareBit2()	
2	Construct	SoftwareBit2(System.Runtime.Serialization.SerializationInfo, System.Runtime.Serialization.StreamingContext)	
3	Method	En()	

4	Method	GetObjectData (System.Runtime.Serialization.Serializ ationInfo, System.Runtime.Serialization.StreamingContext)	
5	Method	LoadLog (string)	
6	Method	ReadObject (string)	
7	Method	SaveLogo (string)	
8	Method	SaveObject (string)	
9	Property	AppTitle	
10	Property	ExpiredDuration	
11	Property	Idapp	
12	Property	IdappProperty	
13	Property	Logo	
14	Property	MenuDC	
15	Property	NamaUnit	
16	Property	NmappProperty	

B.1.1.8 SQLDataSource

No	Type	Nama	Keterangan
1	Construct	SQLDataSource ()	
2	Method	CekAllowedServer ()	
3	Method	GetOpDB (string)	
4	Method	GetPwdDB ()	
5	Method	GetSQLConnection (int)	
6	Method	GetSQLInstance ()	
7	Method	GetUserDB ()	
8	Method	SetConnectionString (string)	
9	Method	SetDataSource (System.Collections.Hashtable)	
10	Method	SetDataSourceConfig (string)	
11	Method	SetDataSourceLog (string)	

12	Property	CS_Config	
13	Property	CS_DM	
14	Property	CS_Log	
15	Property	CS_Operational	
16	Property	CS_Operational2	
17	Property	Instance	
18	Const	MODE_DB_CONFIG	
19	Const	MODE_DB_DM	
20	Const	MODE_DB_LOG	
21	Const	MODE_DB_OPERATIONAL	
22	Const	MODE_DB_OPERATIONAL2	

B.1.1.9 UtilityBO

No	Type	Nama	Keterangan
1	Construct	UtilityBO()	
2	Method	CopyFields(CoreNET.Common.Base.IDataControl, CoreNET.Common.Base.IDataControl)	
3	Method	Create(string)	
4	Method	FindNearestMatch(System.Collections.ICollection, string)	
5	Method	GenerateCSV(System.Collections.IList, string, string[])	
6	Method	GeneratePwdSIKD(string)	
7	Method	GetBaseClassLibName(object)	
8	Method	GetClassLibName(System.Type)	
9	Method	GetClassLibName(object)	
10	Method	GetCPUID()	
11	Method	GetCurrentMethod(int)	
12	Method	GetCurrentMethod()	

13	Method	GetDefault (System.Type)	
14	Method	GetDiskID()	
15	Method	GetDotNetHash(string, int)	
16	Method	GetInitkey(string)	
17	Method	GetMACAddress()	
18	Method	GetMD5HexStringForStorePwd(string)	
19	Method	GetMD5HexStringOld(string, int)	
20	Method	GetMethodsInfo()	
21	Method	GetParentCode(string)	
22	Method	GetPwd(string)	
23	Method	GetPwdDb(string, string)	
24	Method	GetPwdMD5ResponseOnly(string)	
25	Method	GetRandomPassword(string)	
26	Method	GetStackMethod(int, long)	
27	Method	IntToStr(long, int)	
28	Method	LoadDataControl(string, string)	
29	Method	Log(CoreNET.Common.Base.IDataControl, string, string, System.Exception)	
30	Method	Log(CoreNET.Common.Base.IDataControl, System.Exception)	
31	Method	Log(System.Exception)	
32	Method	SetDate(int, int, int, out System.DateTime, out System.DateTime)	
33	Method	SetDate(int, int, out System.DateTime, out System.DateTime)	
34	Method	SetNull(object)	
35	Method	SetValueForProperty(object, string, string)	
36	Method	SetValueForProperty(object, string, object)	
37	Field	Path	

38	Const	FILE_SBT	
39	Const	GROUP_ADMINISTRATOR	

B.1.1.10 UtilityLib

No	Type	Nama	Keterangan
1	Construct	UtilityLib()	
2	Method	Encode(string)	
3	Method	GetTriwulan(int)	

B.1.1.11 Icsv

No	Type	Nama	Keterangan
1	Method	GetCsvColumns(int)	
2	Method	GetList(int, int)	

B.1.1.12 Idashboard

No	Type	Nama	Keterangan
1	Method	GetRows1()	
2	Method	GetRows2()	
3	Method	GetRows3()	
4	Method	GetRows4()	
5	Method	GetRows5()	

B.1.1.13 IDataControl

No	Type	Nama	Keterangan
1	Method	Delete(string)	
2	Method	Delete()	
3	Method	GetFields()	
4	Method	GetKeys()	

5	Method	GetProperty(string)	
6	Method	GetValue(string)	
7	Method	Insert()	
8	Method	Load()	
9	Method	SetPageKey()	
10	Method	SetPrimaryKey()	
11	Method	SetValue(string, object)	
12	Method	Update(string)	
13	Method	Update()	
14	Method	View(string)	
15	Method	View()	

B.1.1.14 IDataControlApp

No	Type	Nama	Keterangan
1	Method	GetAppParam(string)	
2	Method	ResetParams(string)	

B.1.1.15 IDataControlAppuser

No	Type	Nama	Keterangan
1	Method	GetGroupingDataID()	
2	Method	GetUserDebugInfo()	
3	Method	GetUserID()	
4	Method	GetUserPwd()	
5	Method	GetUserType()	
6	Method	GetValueProperty(string)	
7	Method	IsAdmin()	
8	Method	IsEnableLookup()	
9	Method	IsVisibleLookup()	

10	Method	SetUserID(string, string)	
11	Method	SetUserOL(string, string)	
12	Method	SetValueProperty(string, object)	
13	Method	UpdatePwd(string)	

B.1.1.16 IDataControlDictionary

No	Type	Nama	Keterangan
1	Method	GetENWord()	
2	Method	GetGEWord()	
3	Method	GetIDWord()	
4	Method	GetKeyword()	
5	Method	InsertKeyword(string, string)	

B.1.1.17 IDataControlMenuMapClass

No	Type	Nama	Keterangan
1	Method	GetLookupOList1()	
2	Method	GetLookupOListDetil1()	
3	Method	GetLookupOListDetil2()	
4	Method	GetLookupOListDetil3()	
5	Method	GetLookupOListDetil4()	
6	Method	GetOList1()	
7	Method	GetOListDetil1()	
8	Method	GetOListDetil2()	
9	Method	GetOListDetil3()	
10	Method	GetOListDetil4()	
11	Method	LoadByRoleID(string)	

12	Method	LoadLookupByRoleID(string)	
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B.1.1.18 IDataControlText

No	Type	Nama	Keterangan
1	Method	GetText(int)	

B.1.1.19 ILoadCsv

No	Type	Nama	Keterangan
1	Method	ExecutedPostSQL(string, bool, string)	
2	Method	ExecutedPreSQL(string, bool)	
3	Method	ExecutedSQL(string, System.Data.DataTable, int, bool)	
4	Method	GetLoadCsvColumns()	

B.1.1.20 ITable

No	Type	Nama	Keterangan
1	Method	GetTableName()	

B.1.2 CoreNET.Common.BO

No	Type	Nama	Keterangan
1	Class	DashboardDataObject	
2	Class	DashboardTableObject	
3	Class	DataHelper	
4	Class	ParamControl	
5	Class	PropertyMapControl	

B.1.2.1 DashboardDataObject

No	Type	Nama	Keterangan
1	Construct	DashboardDataObject (bool)	
2	Method	SetURL (string)	
3	Property	EnableURL	
4	Property	Percent	
5	Property	Percentstr	
6	Property	Subtitle	
7	Property	Title	
8	Property	URL	
9	Property	Value	
10	Const	OnClickTemplate	

B.1.2.1 DashboardTableObject

No	Type	Nama	Keterangan
1	Construct	DashboardTableObject ()	
2	Field	Columns	
3	Field	Data	
4	Field	Title	
5	Field	URL	
6	Field	URLTitle	

B.1.2.1 DataHelper

No	Type	Nama	Keterangan
1	Construct	DataHelper ()	
2	Method	GetBar (int, int)	
3	Method	GetBar120 (int)	
4	Method	GetBar160 (int)	

5	Method	GetMD12Row (CoreNET.Common.BO.DashboardDataObject, CoreNET.Common.BO.DashboardDataObject, CoreNET.Common.BO.DashboardDataObject, CoreNET.Common.BO.DashboardDataObject)	
6	Method	GetMD4Row (CoreNET.Common.BO.DashboardDataObject, CoreNET.Common.BO.DashboardDataObject, CoreNET.Common.BO.DashboardDataObject)	
7	Method	GetRowHeader (string, System.Collections.Generic.Dictionary<string, string>, System.Collections.Generic.Dictionary<string, string>)	
8	Method	GetRows3Template ()	
9	Method	GetRows4Template ()	
10	Method	GetTemplateMD12Row ()	
11	Method	GetTemplateMD4Row ()	
12	Method	GetTemplateMD4Table (CoreNET.Common.BO.DashboardTableObject)	
13	Method	GetTemplateMD4Tables (CoreNET.Common.BO.DashboardTableObject, CoreNET.Common.BO.DashboardTableObject, CoreNET.Common.BO.DashboardTableObject)	
14	Method	GetTemplateRows1 ()	
15	Field	Datas	
16	Field	Percents	
17	Field	Titles	
18	Field	URLs	
19	Const	ROW_1	
20	Const	ROW_2	
21	Const	ROW_3	
22	Const	ROW_4	
23	Const	ROW_5	
24	Const	ROW_6	
25	Const	ROW_HEADER	

B.1.2.1 ParamControl

No	Type	Nama	Keterangan
1	Construct	ParamControl ()	
2	Property	Kdpar	
3	Property	Nmpar	

B.1.2.1 PropertyMapControl

No	Type	Nama	Keterangan
1	Construct	PropertyMapControl ()	
2	Method	GetColumnName ()	
3	Property	Propmap	
4	Property	Propname	
5	Property	Value	

B.2 CoreNET.Common.Data

B.2.1 CoreNET.Common.Base

No	Type	Nama	Keterangan
1	Class	BaseContextDao	
2	Class	BaseDataControl	
3	Class	ConstantDict	
4	Class	EN_Dictionary	
5	Class	GE_Dictionary	
6	Class	ID_Dictionary	
7	Class	LocalSqlMap	
8	Class	MyDaoManager	
9	Interface	IBaseDao	

B.2.1.1 BaseContextDao

No	Type	Nama	Keterangan
1	Construct	BaseContextDao()	
2	Method	DeleteBy(string, CoreNET.Common.Base.BaseBO, int)	
3	Method	ExecSP(string, CoreNET.Common.Base.BaseBO, int)	
4	Method	GetClassName(object)	
5	Method	GetTableName()	
6	Method	Insert(string, CoreNET.Common.Base.BaseBO, int)	
7	Method	LoadBy(string, CoreNET.Common.Base.BaseBO, int)	
8	Method	QueryBy(string, CoreNET.Common.Base.BaseBO, int)	
9	Method	UpdateBy(string, CoreNET.Common.Base.BaseBO, int)	
10	Property	TableName	
11	Const	DEFAULT	
12	Const	PREFIX_DELETE	
13	Const	PREFIX_EXEC	
14	Const	PREFIX_INSERT	
15	Const	PREFIX_LOAD	
16	Const	PREFIX_QUERY	
17	Const	PREFIX_UPDATE	
18	Const	SYSTEM_ERR_CANT_INSERT_DUPLICATE	
19	Const	SYSTEM_ERR_CHILDREN_STILL_EXIST	
20	Const	SYSTEM_ERR_CONVERT_NUM_TO_MONEY	

B.2.1.2 BaseDataControl

No	Type	Nama	Keterangan
1	Construct	BaseDataControl()	

2	Method	ClearDataControl(CoreNET.Common.Base.IDataControl)	
3	Method	CopyPropertyBOTO(CoreNET.Common.Base.IDataControl)	
4	Method	Delete()	
5	Method	Delete(string)	
6	Method	ExecSP(string)	
7	Method	ExecutedPostSQL(string, bool, string)	
8	Method	ExecutedPreSQL(string, bool)	
9	Method	ExecutedSQL(CoreNET.Common.Base.IDataControl, string, System.Data.DataTable, int, bool)	
10	Method	ExecutedSQL(string, System.Data.DataTable, int, bool)	
11	Method	GetDaoSingleton()	
12	Method	GetKeys()	
13	Method	GetList(CoreNET.Common.Base.IDataControl, string)	
14	Method	GetList(CoreNET.Common.Base.IDataControl)	
15	Method	GetReadOnlyFields(int)	
16	Method	GetRowCount()	
17	Method	GetTableName()	
18	Method	GetTotal(string, CoreNET.Common.Base.IDataControl, string)	
19	Method	Insert()	
20	Method	Insert(string)	
21	Method	Load(string)	
22	Method	Load()	
23	Method	ReadDataTable(System.Data.DataTable, int)	
24	Method	Update()	
25	Method	Update(string)	
26	Method	View(string)	
27	Method	View()	

B.2.1.3 ConstantDict

No	Type	Nama	Keterangan
1	Construct	ConstantDict()	
2	Method	GetColumnTitle(string, string)	
3	Method	GetColumnTitle(string)	
4	Method	GetColumnTitleEntry(string)	
5	Method	GetMsg(string)	
6	Method	SetInstanceNullForReloadDict()	
7	Method	SetLocale(string)	
8	Method	Translate(string)	
9	Field	IDLOCALE	
10	Const	ADD	
11	Const	DELETE	
12	Const	EDIT	
13	Const	EN	
14	Const	GE	
15	Const	ID	
16	Const	SPACE	
17	Const	VIEW	

B.2.1.4 EN_Dictionary

No	Type	Nama	Keterangan
1	Construct	EN_Dictionary()	

B.2.1.5 GE_Dictionary

No	Type	Nama	Keterangan
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1	Construct	GE_Dictionary()	
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B.2.1.6 ID_Dictionary

No	Type	Nama	Keterangan
1	Construct	ID_Dictionary()	

B.2.1.7 LocalSqlMap

No	Type	Nama	Keterangan
1	Construct	LocalSqlMap()	
2	Method	GetContext (IBatisNet.DataAccess.Interfaces.IDao)	
3	Method	GetLocalSqlMap (IBatisNet.DataAccess.Interfaces.IDao , int, CoreNET.Common.Base.BaseBO)	

B.2.1.8 MyDaoManager

No	Type	Nama	Keterangan
1	Construct	MyDaoManager()	
2	Method	GetDao(System.Type, int, CoreNET.Common.Base.BaseBO)	
3	Method	GetDataSource (IBatisNet.Common.IDataSource, int, CoreNET.Common.Base.BaseBO)	
4	Property	Instance	

B.2.1.9 IBaseDao

No	Type	Nama	Keterangan
1	Method	DeleteBy(string, CoreNET.Common.Base.BaseBO, int)	
2	Method	ExecSP(string, CoreNET.Common.Base.BaseBO, int)	
3	Method	Insert(string, CoreNET.Common.Base.BaseBO, int)	
4	Method	LoadBy(string, CoreNET.Common.Base.BaseBO, int)	
5	Method	QueryBy(string, CoreNET.Common.Base.BaseBO, int)	
6	Method	UpdateBy(string, CoreNET.Common.Base.BaseBO, int)	

B.2.2 CoreNET.Common.BO

No	Type	Nama	Keterangan
1	Class	DmbulanControl	
2	Class	DmbulanLookupControl	
3	Class	DmlevelControl	
4	Class	DmlevelLookupControl	
5	Class	DmstatusControl	
6	Class	DmstatusLookupControl	
7	Class	DmtahunControl	
8	Class	DmtahunLookupControl	
9	Class	EventControl	
10	Class	LogUtilsBase	
11	Class	NotesControl	
12	Class	SsappconfigControl	
13	Class	SsappconfigLookupControl	
14	Class	SsappControl	
15	Class	SsappLookupControl	
16	Class	SsappmenuControl	
17	Class	SsappmenuLookupControl	
18	Class	SsuserControl	
19	Class	SysObjects	
20	Class	SysObjectsDao	
21	Interface	ISysObjectsDao	

B.2.2.1 DmbulanControl

No	Type	Nama	Keterangan
1	Construct	DmbulanControl ()	
2	Method	AfterDelete ()	
3	Method	AfterInsert ()	
4	Method	AfterUpdate ()	
5	Method	FilterClick (string)	
6	Method	GetDestinationFile (string)	
7	Method	GetURLFile (string, string)	
8	Method	SetFilterKey (CoreNET.Common.Base.BaseBO)	
9	Method	ValidateTotal ()	
10	Method	View (string)	
11	Method	View ()	
12	Property	Kdbulan	
13	Property	Nmbulan	

B.2.2.2 DmbulanLookupControl

No	Type	Nama	Keterangan
1	Construct	DmbulanLookupControl ()	
2	Method	FindAndSetValuesInto (CoreNET.Common.Base.IDataControl)	
3	Method	GetFieldValueMap ()	
4	Method	GetFieldValueProps ()	
5	Method	GetListDataSingleton ()	
6	Method	SetListDataNull ()	

B.2.2.3 DmlevelControl

No	Type	Nama	Keterangan
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1	Construct	DmlevelControl()	
2	Method	DmlevelControl(CoreNET.Common.Base.BaseBO)	
3	Method	AfterDelete()	
4	Method	AfterInsert()	
5	Method	AfterUpdate()	
6	Method	FilterClick(string)	
7	Method	GetDestinationFile(string)	
8	Method	GetURLFile(string, string)	
9	Method	ValidateTotal()	
10	Method	View(string)	
11	Method	View()	
12	Property	Isroot	
13	Property	Nmlevel	
14	Property	Tablename	

B.2.2.4 DmlevelLookupControl

No	Type	Nama	Keterangan
1	Construct	DmlevelLookupControl()	
2	Method	FindAndSetValuesInto(CoreNET.Common.BO.DmlevelControl)	
3	Method	GetData(string)	
4	Method	GetFieldValueMap()	
5	Method	GetFieldValueProps()	
6	Method	GetListDataSingleton()	
7	Method	SetListDataNull()	

B.2.2.5 DmstatusControl

No	Type	Nama	Keterangan
1	Construct	DmstatusControl ()	
2	Method	AfterDelete ()	
3	Method	AfterInsert ()	
4	Method	AfterUpdate ()	
5	Method	FilterClick (string)	
6	Method	GetDestinationFile (string)	
7	Method	GetScript ()	
8	Method	GetURLFile (string, string)	
9	Method	SetFilterKey (CoreNET.Common.Base.BaseBO)	
10	Method	ValidateTotal ()	
11	Method	View (string)	
12	Method	View ()	
13	Property	Idstatus	
14	Property	Ketstatus	
15	Property	Nmstatus	
16	Const	APPROVED	
17	Const	CANCEL	
18	Const	CREATED	
19	Const	REVIEWED	
20	Const	SIGNEDOFF	
21	Const	VALID	

B.2.2.6 DmstatusLookupControl

No	Type	Nama	Keterangan
1	Construct	DmstatusLookupControl ()	
2	Method	FindAndSetValuesInto (CoreNET.Common.Base.IDataContr ol)	

3	Method	GetFieldValueMap ()	
4	Method	GetFieldValueProps ()	
5	Method	GetListDataSingleton (string)	
6	Method	GetListDataSingleton ()	
7	Method	SetListDataNull ()	
8	Property	Instance	

B.2.2.7 DmtahunControl

No	Type	Nama	Keterangan
1	Construct	DmtahunControl ()	
2	Method	AfterDelete ()	
3	Method	AfterInsert ()	
4	Method	AfterUpdate ()	
5	Method	FilterClick (string)	
6	Method	GetDestinationFile (string)	
7	Method	GetURLFile (string, string)	
8	Property	SetFilterKey (CoreNET.Common.Base.BaseBO)	
9	Method	ValidateTotal ()	
10	Method	View (string)	
11	Method	View ()	
12	Property	Kdtahun	
13	Property	Nmtahun	

B.2.2.8 DmtahunLookupControl

No	Type	Nama	Keterangan
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1	Construct	DmtahunLookupControl()	
2	Method	FindAndSetValuesInto(CoreNET.Common.Base.IDataControl)	
3	Method	GetFieldValueProps()	
4	Method	GetListDataSingleton()	
5	Method	SetListDataNull()	

B.2.2.9 EventControl

No	Type	Nama	Keterangan
1	Construct	EventControl()	
2	Method	GetDaoSingleton()	
3	Method	Log(System.Exception)	
4	Method	Log(CoreNET.Common.Base.IDataControl, System.Exception, int)	
5	Method	Log(CoreNET.Common.Base.IDataControl, int)	
6	Property	App_name	
7	Property	Computer_ip	
8	Property	Computer_name	
9	Property	Idlog	
10	Property	Kdtype	
11	Property	Logdata	
12	Property	Tgllog	
13	Property	User_app	
14	Property	User_db	
15	Const	EVENT_DELETE	
16	Const	EVENT_EXECSP	
17	Const	EVENT_INSERT	
18	Const	EVENT_LOAD	

19	Const	EVENT_UPDATE	
20	Const	EVENT_VIEW	

B.2.2.10 LogUtilsBase

No	Type	Nama	Keterangan
1	Construct	LogUtilsBase()	
2	Method	Log(CoreNET.Common.Base.BaseBO, string)	
3	Method	Log(CoreNET.Common.Base.BaseBO, int)	
4	Method	EVENT_DELETE	
5	Method	EVENT_EXECSP	
6	Property	EVENT_INSERT	
7	Property	EVENT_LOAD	
8	Property	EVENT_UPDATE	
9	Property	EVENT_VIEW	
10	Property	STR_EVENT_LOGIN	

B.2.2.11 NotesControl

No	Type	Nama	Keterangan
1	Construct	NotesControl()	
2	Method	GetDaoSingleton()	
3	Method	Insert()	
4	Method	Load()	
5	Method	View()	
6	Property	Idnotes	
7	Property	Notes	
8	Property	Notestype	

9	Property	Refdb	
10	Property	Refid	
11	Property	Reftabel	
12	Property	Tglnotes	
13	Const	DESCRIPTION	
14	Const	FORUM	
15	Const	HTMLREPORT	
16	Const	RELEASE_NOTES	

B.2.2.12 SsappconfigControl

No	Type	Nama	Keterangan
1	Construct	SsappconfigControl()	
2	Method	GetKeys()	
3	Method	View(string)	
4	Method	View()	
5	Property	Idapp	
6	Property	Par	
7	Property	Value	

B.2.2.13 SsappconfigLookupControl

No	Type	Nama	Keterangan
1	Construct	SsappconfigLookupControl()	
2	Method	FindAndSetValuesInto(CoreNET.Common.Base.IDataControl)	
3	Method	GetFieldValueProps()	
4	Method	GetListDataSingleton()	
5	Method	ResetParams(string)	

6	Method	SetListDataNull()	
7	Method	View()	
8	Property	Instance	
9	Property	Params	

B.2.2.14 SsappControl

No	Type	Nama	Keterangan
1	Construct	SsappControl()	
2	Method	GetAppParam(string)	
3	Method	GetChildren(System.Collections.Generic.List<CoreNET.Common.BO.SsappControl>, CoreNET.Common.BO.SsappControl)	
4	Method	GetKeys()	
5	Method	IsRootCondition(CoreNET.Common.BO.SsappControl)	
6	Method	Load(string)	
7	Method	Load()	
8	Method	ResetParams(string)	
9	Method	Update(System.Collections.Generic.List<CoreNET.Common.BO.SsappControl>)	
10	Method	View(string)	
11	Method	View()	
12	Property	Grpack	
13	Property	Icon	
14	Property	Idapp	
15	Property	Info1	
16	Property	Info2	
17	Property	Info3	
18	Property	Kdapp	

19	Property	Nmapp	
20	Property	ParentKdapp	
21	Property	QSSub	
22	Property	Urapp	
23	Property	Url	
24	Property	UrlFull	

B.2.2.15 SsappLookupControl

No	Type	Nama	Keterangan
1	Construct	SsappLookupControl()	
2	Method	FindAndSetValuesIntoByIdapp(CoreNET.Common.Base.IDataControl)	
3	Method	FindAndSetValuesIntoByKdapp(CoreNET.Common.Base.IDataControl)	
4	Method	GetFieldValueProps()	
5	Method	GetListDataSingleton()	
6	Method	SetListDataNull()	
7	Property	Instance	

B.2.2.16 SsappmenuControl

No	Type	Nama	Keterangan
1	Construct	SsappmenuControl()	
2	Method	View(string)	
3	Method	View()	
4	Property	Idapp	
5	Property	Idmenu	
6	Property	Kdapp	
7	Property	Kdmenu	

8	Property	Nmapp	
9	Property	Nmmenu	
10	Property	Olist1	
11	Property	Olistdetil1	
12	Property	Olistdetil2	
13	Property	Olistdetil3	
14	Property	Olistdetil4	
15	Property	UrlFull	

B.2.2.17 SsappmenuLookupControl

No	Type	Nama	Keterangan
1	Construct	SsappmenuLookupControl ()	
2	Method	FindAndSetValuesInto (CoreNET.Common.Base.IDataControl)	
3	Method	GetFieldValueProps ()	
4	Method	GetListDataSingleton ()	
5	Method	SetListDataNull ()	

B.2.2.18 SsuserControl

No	Type	Nama	Keterangan
1	Construct	SsuserControl ()	
2	Method	En (string)	
3	Method	Encode (string)	
4	Method	Load ()	
5	Method	UpdatePwd (string)	
6	Property	DefaultKdunit	
7	Property	DefaultNmunit	

8	Property	DefaultNodok	
9	Property	DefaultUraian	
10	Property	Idapp	
11	Property	Idrole	
12	Property	Idunit	
13	Property	Kdapp	
14	Property	Kdgroup	
15	Property	Kdpemda	
16	Property	Kdunit	
17	Property	ModeEditable	
18	Property	Nip	
19	Property	Nmapp	
20	Property	Nmpemda	
21	Property	Nmrole	
22	Property	Nmunit	
23	Property	Nodok	
24	Property	Uraian	
25	Property	Userblock	
26	Property	Useremail	
27	Property	Userhnp	
28	Property	Userid	
29	Property	UseridForEntry	
30	Property	Userket	
31	Property	Username	
32	Property	Usernip	
33	Property	Userno	
34	Property	Userpwd	

35	Property	Userstatus	
36	Property	Usertype	
37	Property	Useruraian	
38	Property	Uturaian	
39	Const	USER_ADMIN	
40	Const	USER_DEVELOPER	
41	Const	USER_LEVEL_1	
42	Const	USER_LEVEL_2	
43	Const	USER_LEVEL_3	
44	Class	USER_LEVEL_4	
45	Class	USER_LEVEL_5	
46	Class	USER_TESTER	

B.2.2.19 SysObjects

No	Type	Nama	Keterangan
1	Construct	SysObjects()	
2	Method	GetDaoSingleton()	
3	Method	GetSysObjSingleton()	
4	Method	GetTableSysObjSingleton(CoreNET.Common.Base.BaseBO, string)	
5	Property	ColumnName	
6	Property	CreateDate	
7	Property	IsNullable	
8	Property	Length	
9	Property	TableName	
10	Property	TypeName	
11	Field	_SysObjs	

12	Field	_TableSysObjs	
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B.2.2.20 SysObjectsDao

No	Type	Nama	Keterangan
1	Construct	SysObjectsDao()	
2	Method	GetTableName()	

B.2.2.21 ISysObjectsDao

B.3 CoreNET.Common.UI

B.3.1 CoreNET.Common.Base

No	Type	Nama	Keterangan
1	Class	ADMethodsAccountManagement	
2	Class	AssemblyUtils	
3	Class	BaseDataControlUI	
4	Class	BaseDataControlUIEntry	
5	Class	BaseUserControl	
6	Class	Fields	
7	Class	FileReferences	
8	Class	GlobalAsp	
9	Class	HashTableofParameterRow	
10	Class	MyBoundField	
11	Class	PageMasterProperties	
12	Class	ParameterRow	
13	Class	ParameterRowAppBy	
14	Class	ParameterRowCek	
15	Class	ParameterRowCreBy	

16	Class	ParameterRowDate	
17	Class	ParameterRowForum	
18	Class	ParameterRowHelp	
19	Class	ParameterRowHtml	
20	Class	ParameterRowLastBy	
21	Class	ParameterRowLookup2	
22	Class	ParameterRowMemo	
23	Class	ParameterRowModBy	
24	Class	ParameterRowNumeric	
25	Class	ParameterRowProgress	
26	Class	ParameterRowRevBy	
27	Class	ParameterRowSelect	
28	Class	ParameterRowSignBy	
29	Class	ParameterRowTextBox	
30	Class	ParameterRowTextBox2	
31	Class	ParameterRowTime	
32	Class	ParameterRowType	
33	Class	ParameterRowUploadFile	
34	Class	Printer	
35	Class	Size	
36	Class	TextBoxRow2Template	
37	Class	TextBoxRowTemplate	
38	Class	UtilityUI	
39	Class	ViewListProperties	
40	Interface	IDataControlAppuserUI	
41	Interface	IDataControlLookup	
42	Interface	IDataControlUI	

43	Interface	IDataControlUIEntry	
44	Interface	IDataControlWebgroup	
45	Interface	IEksporable	
46	Interface	IFormKTP	
47	Interface	IHasJSScript	
48	Interface	IMenuTree	
49	Interface	IPageMaster	
50	Interface	IPrintable	
51	Interface	IProperties	
52	Interface	IRferences	
53	Interface	IURL	
54	Interface	IWord	
55	Enum	ParameterRowEvent	
56	Enum	Printer.PropertyTypes	

B.3.2 CoreNET.Common.BO

No	Type	Nama	Keterangan
1	Class	BaseURL	
2	Class	LogUtils	
3	Class	LogUtils.LogObject	
4	Class	RptPars	

B.4 CoreNET.Common.Ext

B.3.1 CoreNET.Common.Base

No	Type	Nama	Keterangan
1	Class	BaseDataControlExt	
2	Class	BaseDataControlLog	

3	Class	BaseUrl	
4	Class	ConstantDictExt	
5	Class	ConstantDictUI	
6	Class	CoreNETCompositeField	
7	Class	ExtFields	
8	Class	ExtFormDetail	
9	Class	ExtGridFilter	
10	Class	ExtGridPanel	
11	Class	ExtGridPanelFilter	
12	Class	ExtStore	
13	Class	ExtTreeNode	
14	Class	ExtTreePageUtils	
15	Class	ExtTreePanelUtil	
16	Class	ExtWindows	
17	Class	GlobalExt	
18	Class	MyDisplayField20	
19	Class	UtilityExt	
20	Class	WindowAdmin	
21	Class	WindowDebug	
22	Class	WindowForum	
23	Class	WindowHelp	
24	Class	WindowLoadCSV	
25	Class	WindowLookup1	
26	Class	WindowLookupText	
27	Class	WindowPrint	
28	Class	WindowSearch	
29	Class	WindowUrl	

30	Interface	IDataControlMenu	
31	Interface	IDataControlTreeGrid3	
32	Interface	IDataControlTreeGrid3	
33	Interface	IExtFormEntry	
34	Interface	IExtLoadCsv	
35	Interface	IExtPage	
36	Interface	IHasMenuCommand	

B.3.2 CoreNET.Common.BO

No	Type	Nama	Keterangan
1	Class	BOSysUtils	
2	Class	EventUIControl	
3	Class	NotesUIControl	
4	Class	NotesUIListControl	
5	Class	ParamValue	
6	Class	SysgetcolsControl	
7	Class	SysgetcolsLookupControl	
8	Class	SysgetfiltersControl	
9	Class	SysgetfiltersLookupControl	
10	Class	SysgetkeysControl	
11	Class	SysgetkeysLookupControl	
12	Class	SysgetrowsControl	
13	Class	SysgetrowsLookupControl	
14	Class	SysgettreecolsControl	
15	Class	SysgettreecolsLookupControl	

B.5 CoreNET.Common.Sys

B.5.1 CoreNET.Common.Base

No	Type	Nama	Keterangan
1	Class	BaseDataControlMenu	
2	Class	BaseDataControlSys	
3	Class	SysUtils	

B.5.2 CoreNET.Common.BO

No	Type	Nama	Keterangan
1	Class	ConstantTablesSys	
2	Class	DashboardHelper	
3	Class	DashboardUtils	
4	Class	DmbulanUIControl	
5	Class	DmdokControl	
6	Class	DmdokLookupControl	
7	Class	DmlevelUIControl	
8	Class	DmlevelUILookupControl	
9	Class	DmpemdaControl	
10	Class	DmpemdaFormControl	
11	Class	DmpemdaLookupControl	
12	Class	DmstatusUIControl	
13	Class	DmtahunUIControl	
14	Class	DmtahunUILookupControl	
15	Class	ExtIcon	
16	Class	Rpt00datavolControl	
17	Class	Rpt00datavolLookupControl	
18	Class	Ss00appconfigControl	

19	Class	Ss00appconfigLookupControl	
20	Class	Ss00appconfigparControl	
21	Class	Ss00appconfigparLookupControl	
22	Class	Ss00appconfigRegControl	
23	Class	Ss00appconfigUIControl	
24	Class	Ss00appControl	
25	Class	Ss00appkpkControl	
26	Class	Ss00appLinkControl	
27	Class	Ss00appLookupControl	
28	Class	Ss00appmenuAdminControl	
29	Class	Ss00appmenuconfigControl	
30	Class	Ss00appmenuconfigLookupControl	
31	Class	Ss00appmenuControl	
32	Class	Ss00appmenuLookupControl	
33	Class	Ss00appmenuMapClassControl	
34	Class	Ss00appmenuRegControl	
35	Class	Ss00appmenuSetURLControl	
36	Class	Ss00appMonControl	
37	Class	Ss00appNewControl	
38	Class	Ss00appregconfigControl	
39	Class	Ss00appregconfigLookupControl	
40	Class	Ss00appregControl	
41	Class	Ss00appregLookupControl	
42	Class	Ss00appversiconfigControl	
43	Class	Ss00appversiconfigLookupControl	
44	Class	Ss00appversiControl	
45	Class	Ss00appversiLookupControl	

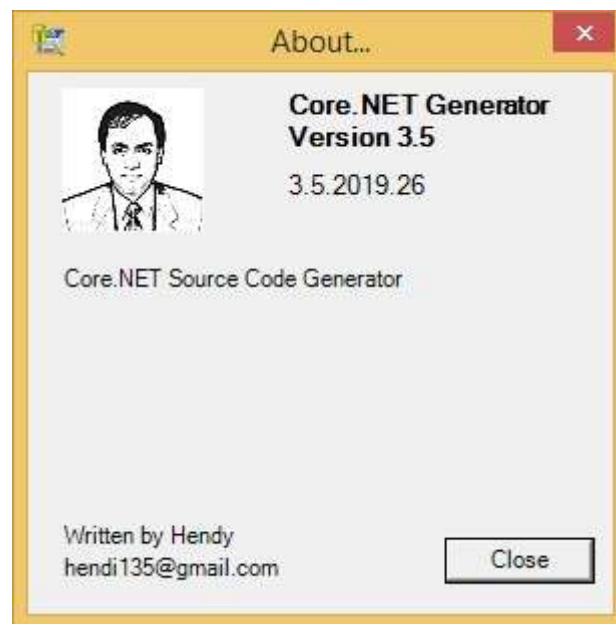
46	Class	Ss01appmenuAdminControl	
47	Class	Ss01appmenuAppControl	
48	Class	Ss01appmenuAppLookupControl	
49	Class	Ss01appmenuconfigControl	
50	Class	Ss01appmenuconfigLookupControl	
51	Class	Ss01appmenuControl	
52	Class	Ss01appmenuDebugControl	
53	Class	Ss01appmenuFilterControl	
54	Class	Ss01appmenukkpControl	
55	Class	Ss01appmenuLookupControl	
56	Class	Ss01appmenuMapClassControl	
57	Class	Ss01appmenuRegControl	
58	Class	Ss01appmenuSetURLControl	
59	Class	Ss01appmenuStatisControl	
60	Class	Ss01appmenuStatusControl	
61	Class	Ss01appmenuStatusFormControl	
62	Class	Ss01appmenuTahunControl	
63	Class	Ss10userappByUserControl	
64	Class	Ss10userappControl	
65	Class	Ss10userappLookupControl	
66	Class	Ss10userByUserTypeAdminControl	
67	Class	Ss10userByUserTypeControl	
68	Class	Ss10userControl	
69	Class	Ss10userLoginControl	
70	Class	Ss10userLookupControl	
71	Class	Ss10usermenuControl	
72	Class	Ss10usertypesControl	

73	Class	Ss10usertypesLookupControl	
74	Class	Ss11userolControl	
75	Class	Ss11userolLookupControl	
76	Class	Ss20groupAppControl	
77	Class	Ss20groupconfigControl	
78	Class	Ss20groupconfigLookupControl	
79	Class	Ss20groupControl	
80	Class	Ss20groupLookupControl	
81	Class	Ss20groupmenuControl	
82	Class	Ss20groupmenuLookupControl	
83	Class	Ss20groupmenuLookupForSelfControl	
84	Class	Ss20groupuserControl	
85	Class	Ss20groupuserLookupForSelfControl	
86	Class	Ss90dictionaryControl	
87	Class	SsappmenuAllIdmenuLookupControl	
88	Class	SsappmenuAllOlist1Control	
89	Class	SsappmenuAllOlist1LookupControl	
90	Class	SsappmenuconfigAll	
91	Class	SsuserappControl	
92	Class	SysgetcolsUIControl	
93	Class	SysgetcolsUISs00appmenuControl	
94	Class	SysgetcolsUISs01appmenuControl	
95	Class	SysgetfiltersUIControl	
96	Class	SysgetfiltersUISs00appmenuControl	
97	Class	SysgetfiltersUISs01appmenuControl	
98	Class	SysgetkeysUIControl	
99	Class	SysgetkeysUISs00appmenuControl	

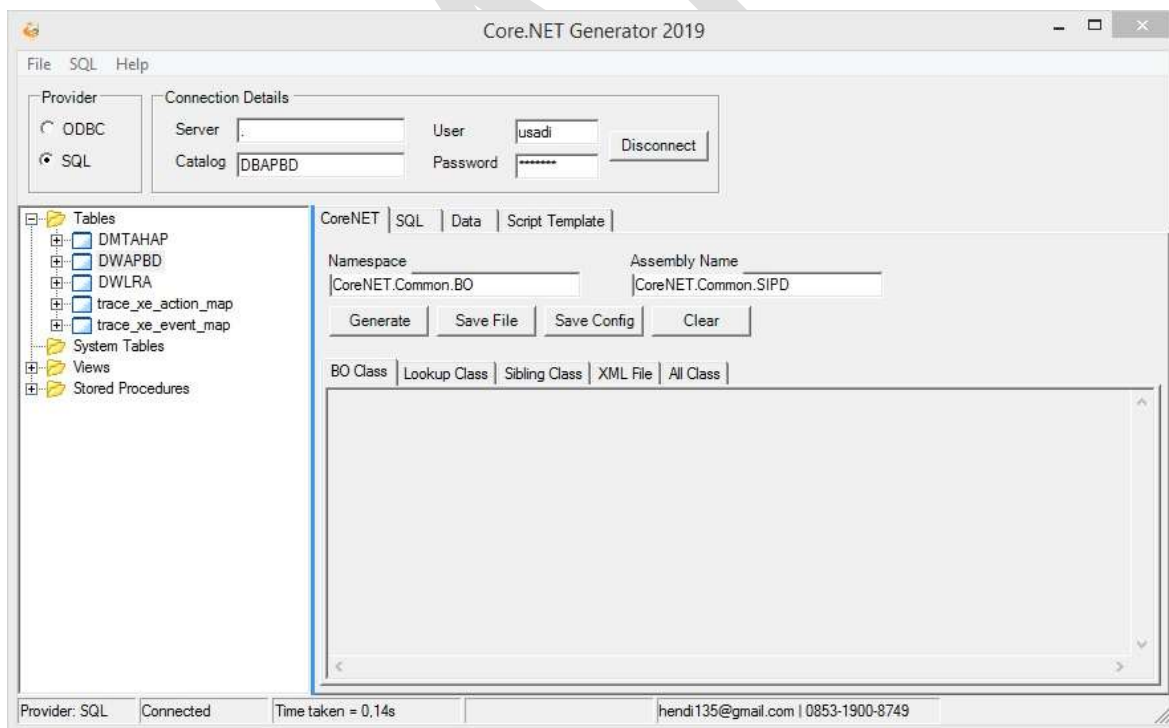
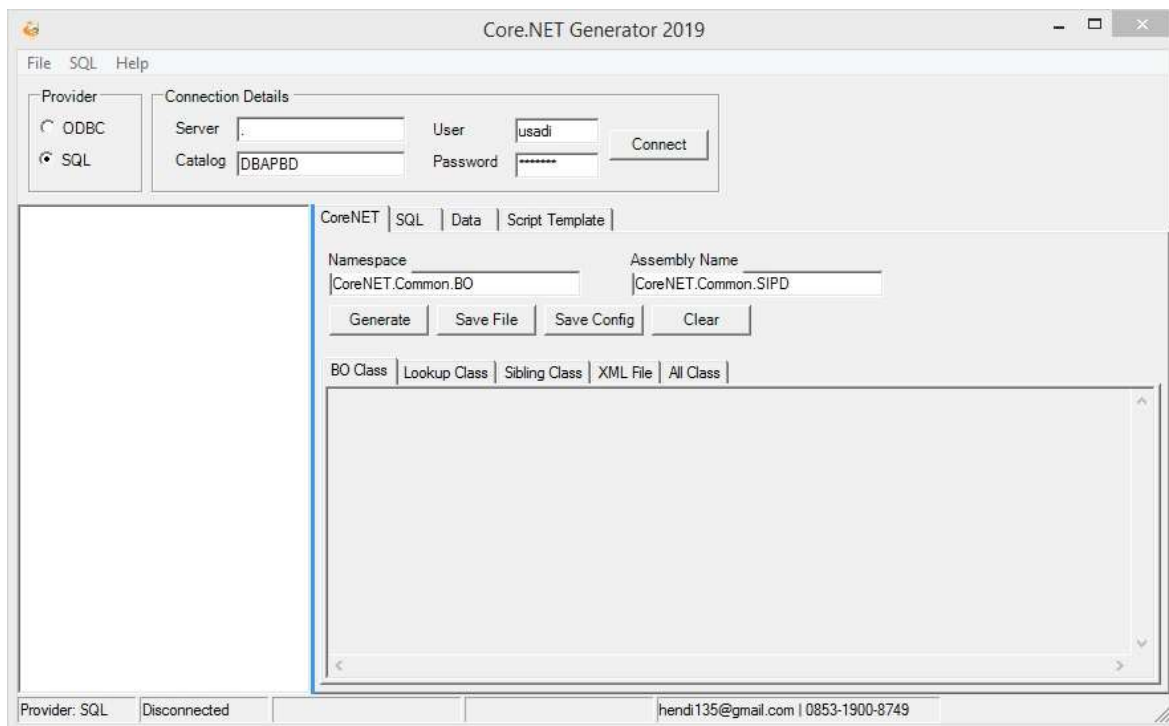
100	Class	SysgetkeysUISS01appmenuControl	
101	Class	SysgetrowsUIControl	
102	Class	SysgetrowsUISS00appmenuControl	
103	Class	SysgetrowsUISS01appmenuControl	
104	Class	SysgettreecolsUIControl	
105	Class	SysgettreecolsUISS00appmenuControl	
106	Class	SysgettreecolsUISS01appmenuControl	
107	Enum	MyIcon	

Lampiran C CoreNET Generator

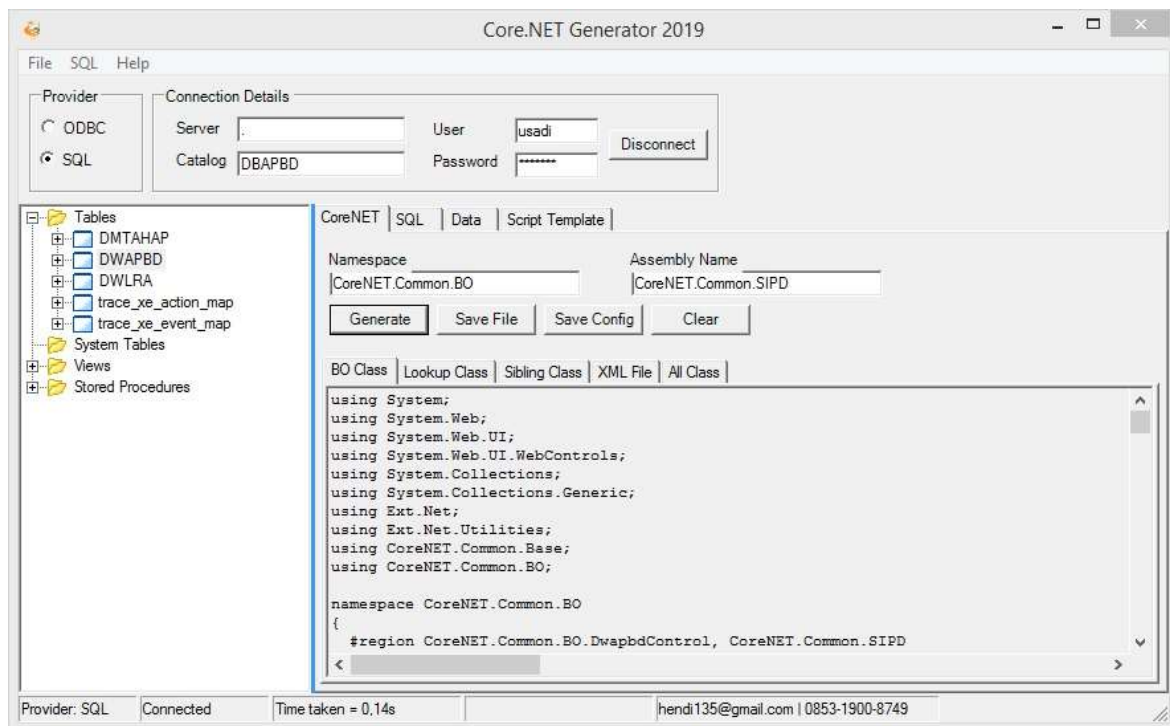
1. Download CoreNET Generator Versi Terakhir



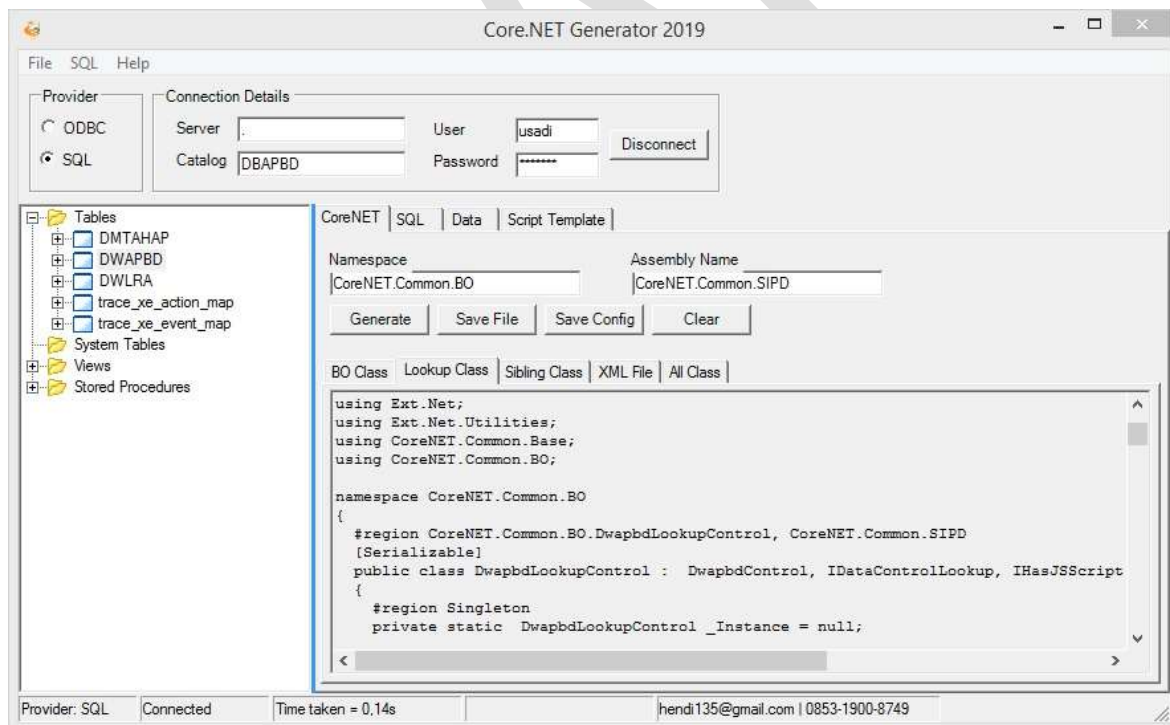
2. Connect ke Database



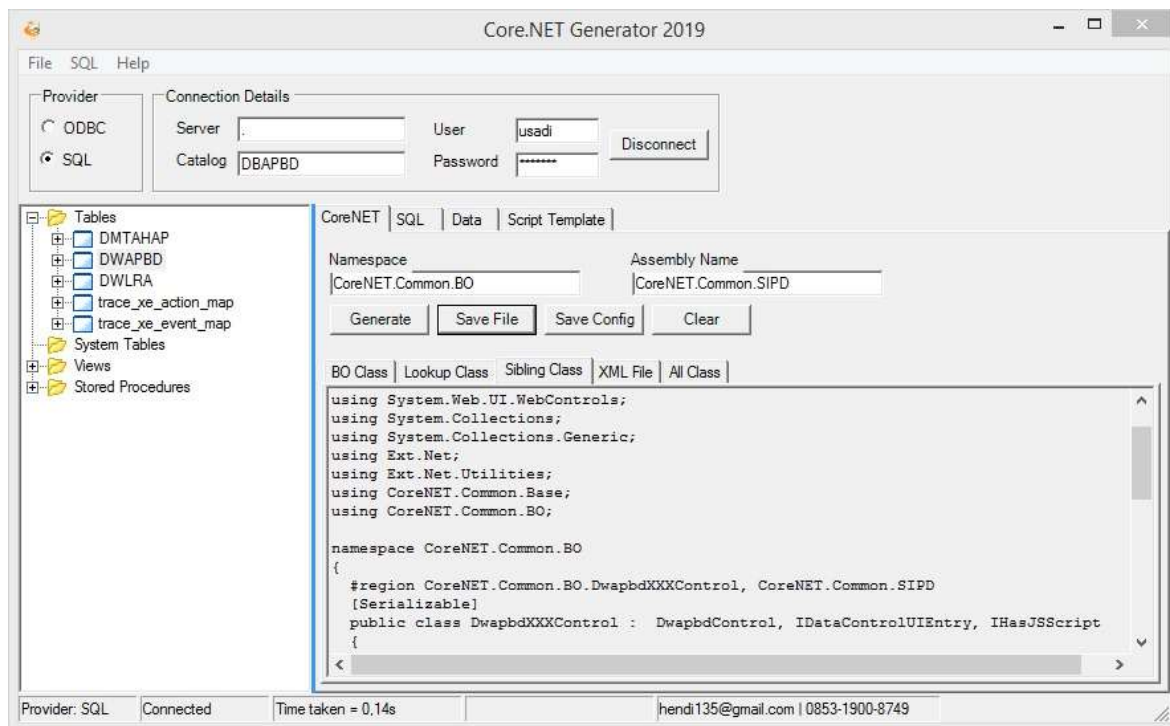
3. Generate BO (Business Object) Class File



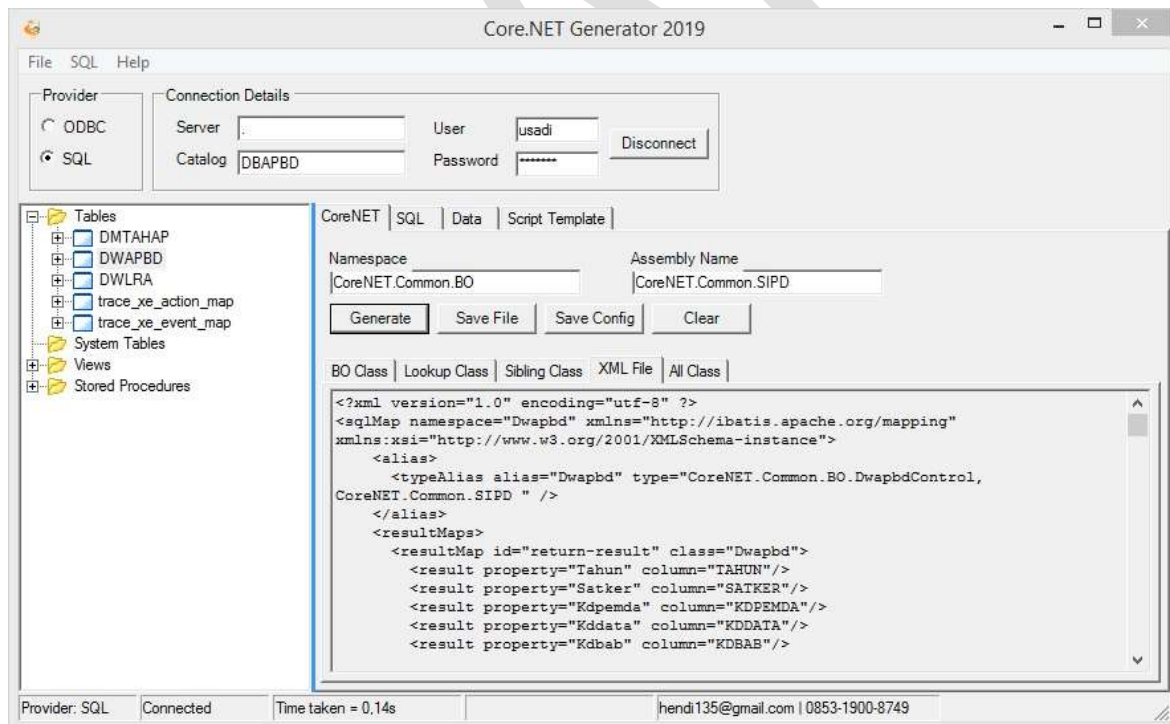
4. Generate Lookup Class File



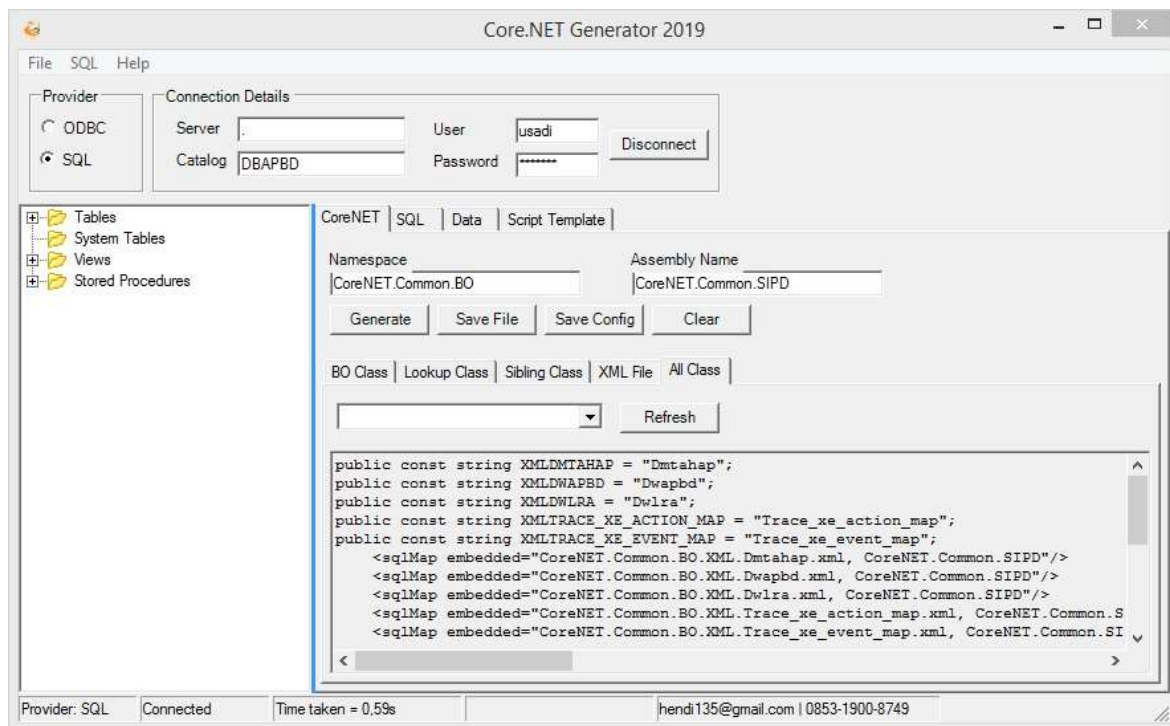
5. Generate Sibling Class File



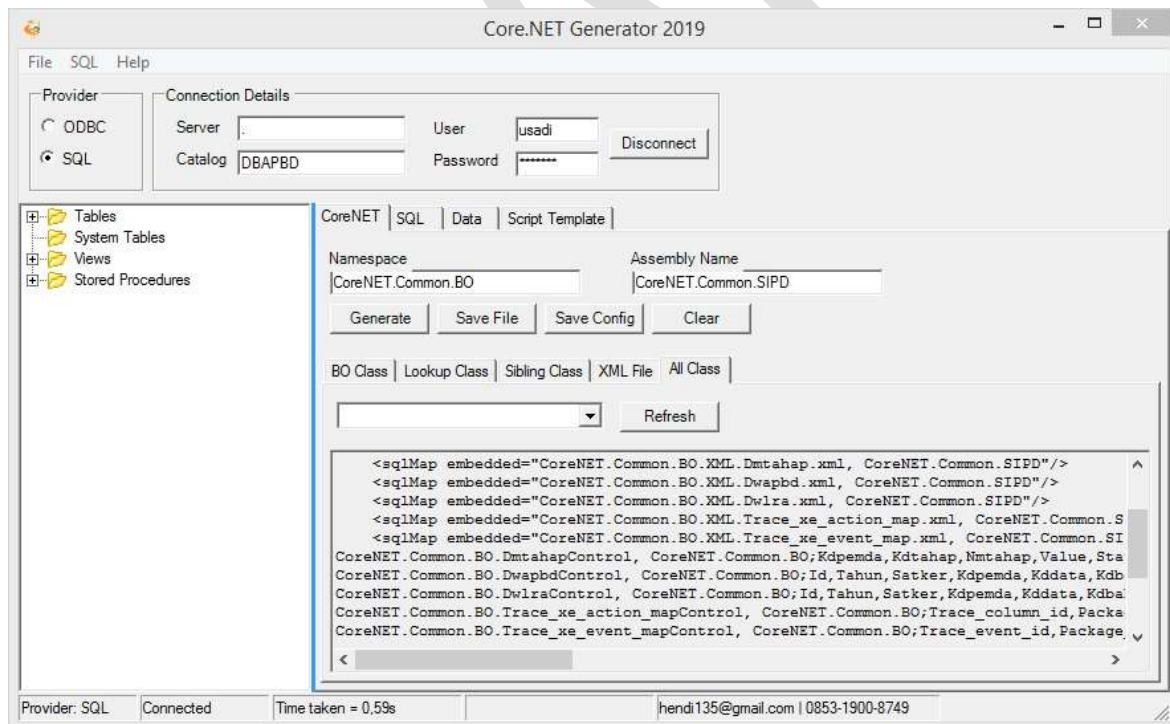
6. Generate XML File



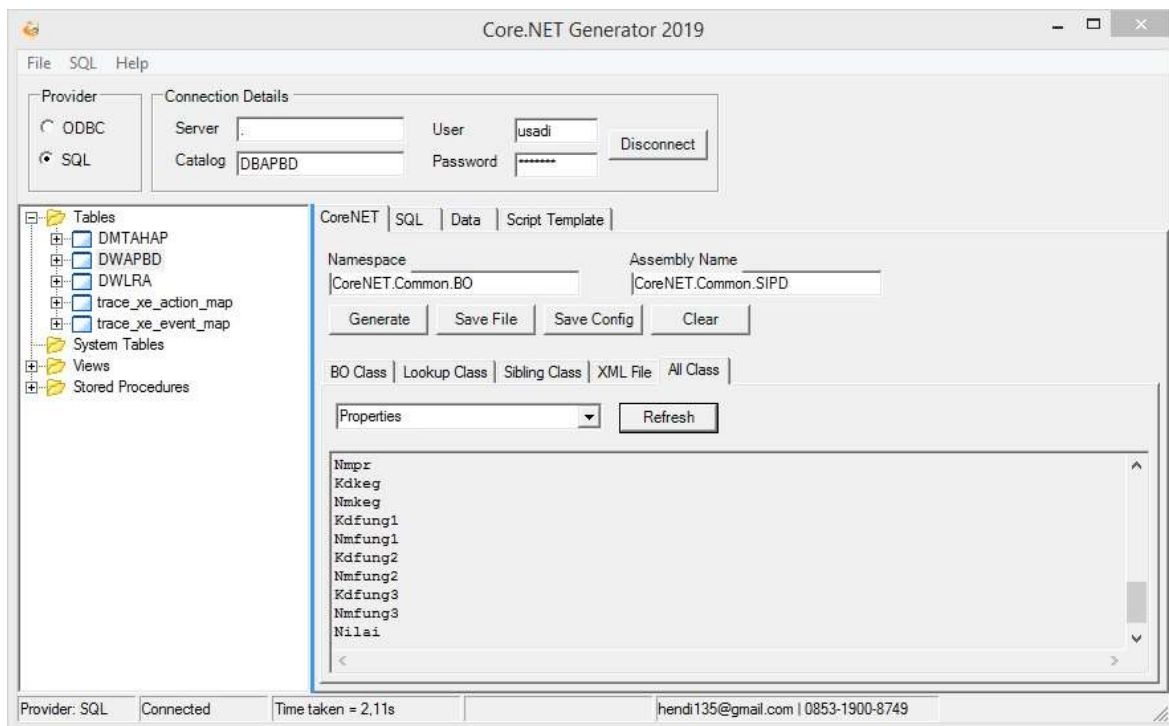
7. Generate ConstantTables Entries



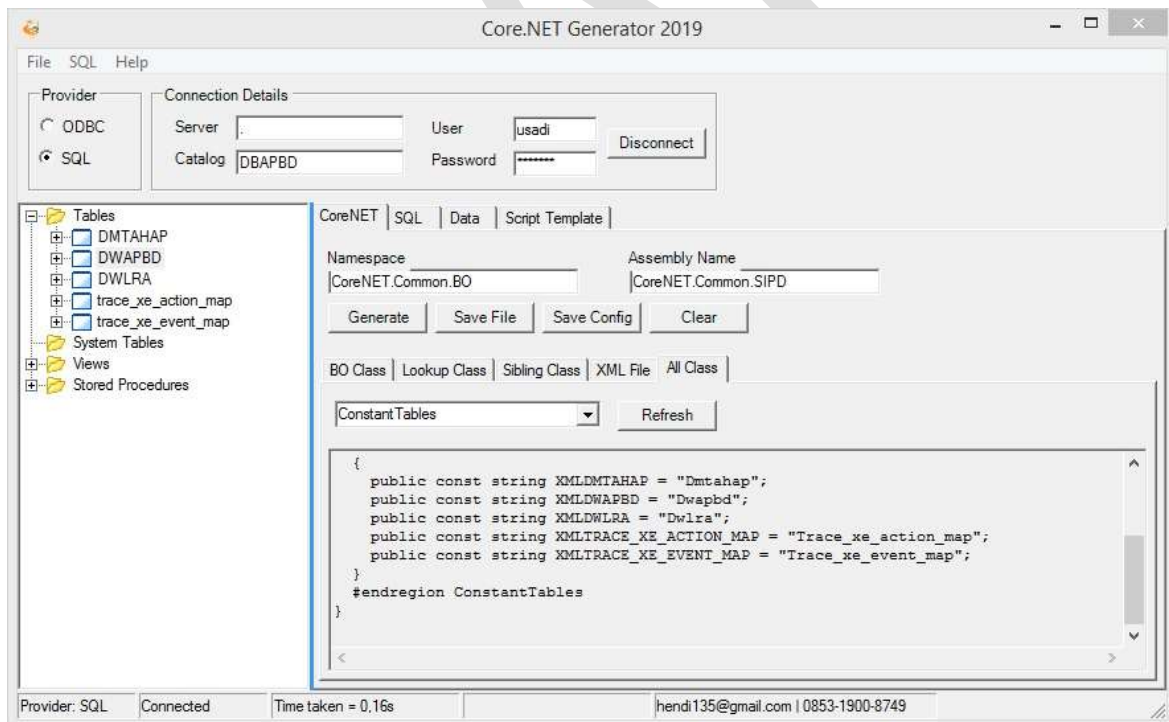
8. Generate sqlmap.config Entries



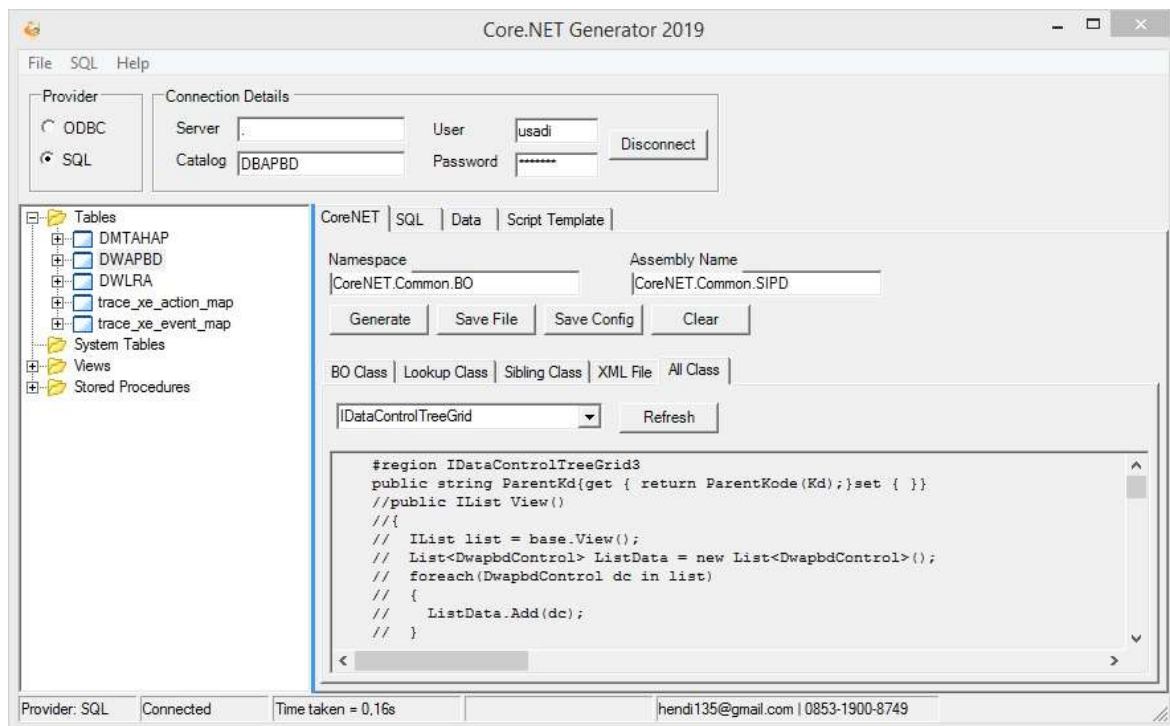
9. Generate Properties from Table



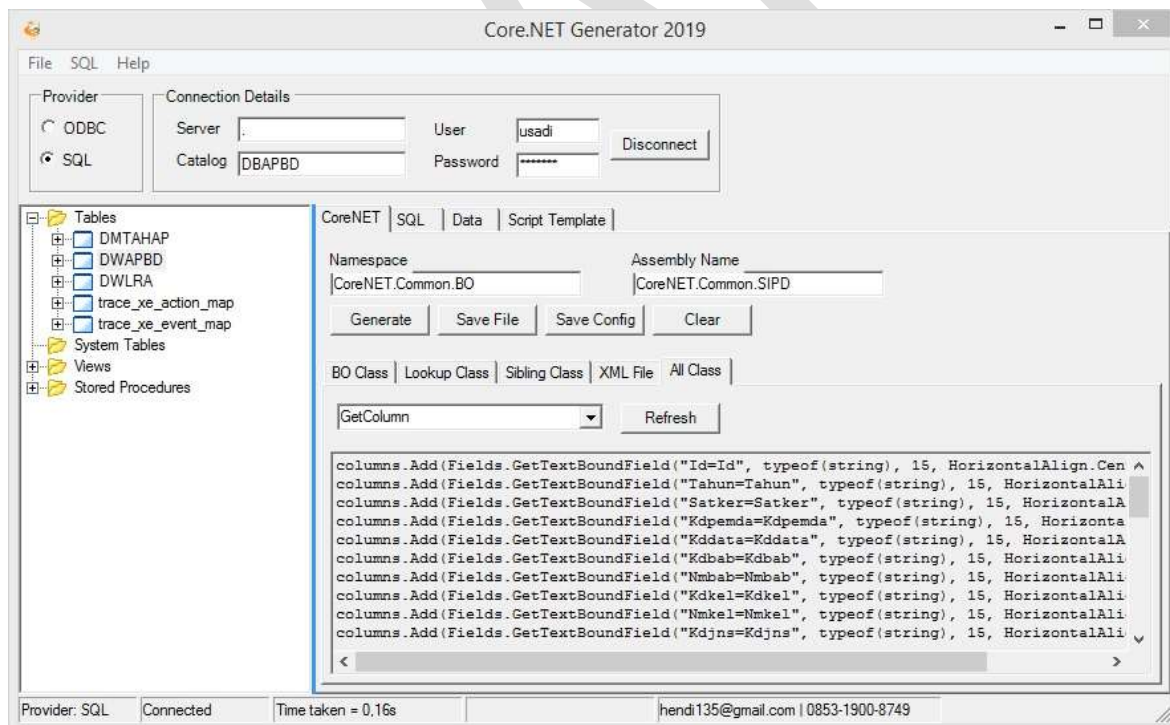
10. Generate ConstantTable Class



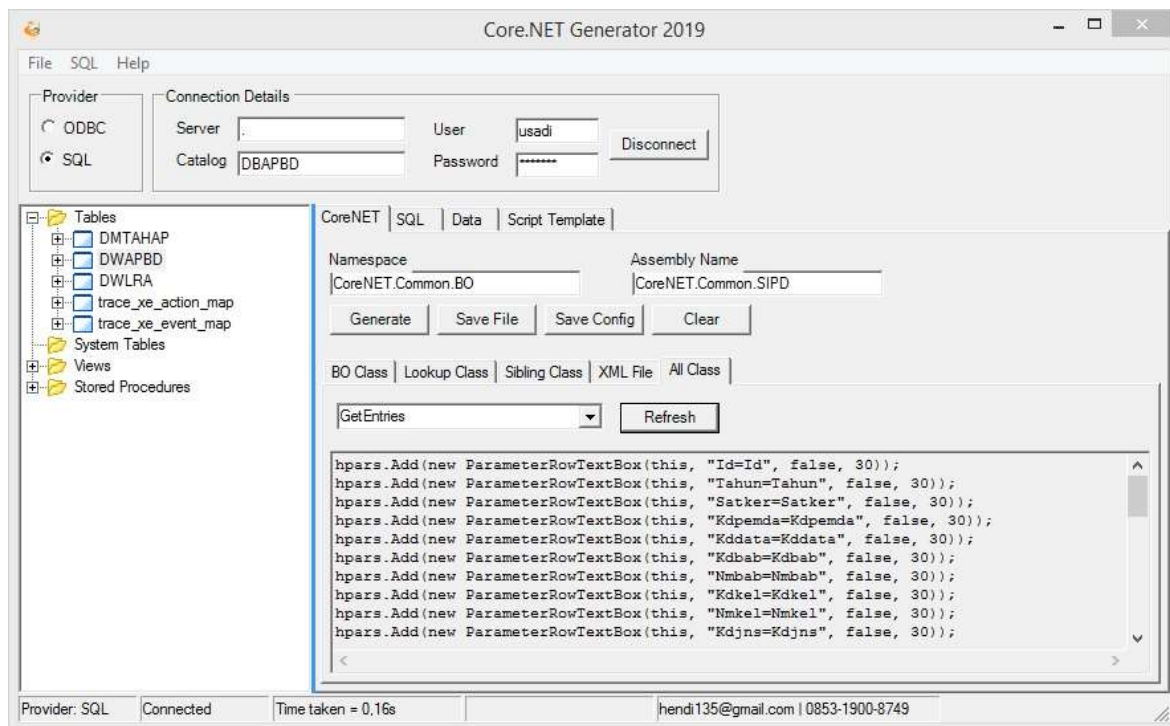
11. Generate Snippet Region IDataControlTreeGrid3



12. Generate Entries GetColumn() Method



13. Generate Entries GetEntries() Method



Lampiran D CoreNETLauncher

1. Jalankan CoreNETLauncher Versi Terakhir
2. Update WebCMS
3. Jalankan CoreNETLauncher Versi Terakhir

DRAFT

Lampiran E Instalasi WebCMS di Internet Information Services (IIS)

1. Pastikan IIS terinstal di komputer anda. Jalankan **IIS management services** dengan me-run **inetmgr** di *run dialog/command prompt*
2. Pastikan .NET Framework versi 3.5 terinstal di komputer anda
3. Jalankan *tool regis.bat* di folder **/Tool** dari folder **ADK CoreNET Framework** yang sudah anda download
4. Jalankan *launcher CoreNET WebCMS (CompactCMS.exe)* yang ada di folder **/Published** dengan mode **run as administrator**
5. Klik menu **Install CMS in IIS**
6. Klik menu **Install CMS in IIS**
7. Klik menu **Home** untuk merefresh halaman utama
- 8.



Hendi Wibowo

CoreNET Framework Evangelist

CONTACT

PHONE:
(+62)-813-9592-9218

WEBSITE:
<https://www.linkedin.com/in/hendi-wibowo-12938458/>

EMAIL:
hendi135@gmail.com

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