## PROGRAM MANUAL

ON

## **DATA MANAGEMENT SYSTEM**

**FOR** 

## **BUILDINGS ENERGY EFFICIENCY ORDINANCE**

**FOR** 

## **ENERGY EFFICIENCY OFFICE**

**OF** 

# ELECTRICAL AND MECHANICAL SERVICES DEPARTMENT (EMSD)





Version: 0.1

**July 2022** 

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	Amendment History					
Change	Revision Description	Section Affected	Revision Number	Date		
Number	_					
1	Draft Version	All	0.1	06/07/2022		

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#### 1 SCOPE

This document provides an overview of the e-Services integration for Data Management System for Buildings Energy Efficiency Ordinance (DMS-BEEO). It lists out in brief the programs, equipment, etc. in the system only. Details of specific areas are documented in the manuals referred to in the References section.

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## 2 DEFINTION AND CONVENTION

## 2.1 **DEFINITIONS**

In this document, unless the context otherwise requires, the following expressions have the following meanings:

Term	Definition	
BEEO	Buildings Energy Efficiency Ordinance	
WBRS	Web-based Registration Services for online application submission.	
REA	Registered Energy Assessor	
COCR	Certificate of Compliance Registration	
FOC	Form of Compliance	

## 2.2 CONVENTION

N/A

## 3 PROGRAM SOURCE LIST

## 3.1 APPLICATION FUNCTIONS

			Frequency
<b>Function ID</b>	Function Name / Description	Mode	of Use
ASS-001	Search WBRS Records of COCR/FOC	Online/Update	Ad-hoc
ASS-002	View WBRS Records of EE1	Online/Update	Ad-hoc
ASS-003	View WBRS Records of EE2	Online/Update	Ad-hoc
ASS-004	View WBRS Records of EE3	Online/Update	Ad-hoc
ASS-005	View WBRS Records of EE4	Online/Update	Ad-hoc
ASS-006	Search WBRS Records of REA	Online/Update	Ad-hoc
ASS-007	View WBRS Records of REA1	Online/Update	Ad-hoc
ASS-008	View WBRS Records of REA3	Online/Update	Ad-hoc
REQ-2001	Maintain REA Case	Online/Update	Ad-hoc
REQ-2003	Genereate REA E-Licence	Online/Update	Ad-hoc
REA-001	Maintain REA Registration	Online/Update	Ad-hoc
REQ-3001	Maintain COCR Case	Online/Update	Ad-hoc
REQ-3003	Genereate COCR E-Licence	Online/Update	Ad-hoc
COCR-001	Maintain COCR Registration	Online/Update	Ad-hoc

## 3.2 REPORTS

N/A

## 3.3 COMMON UTILITIES

N/A

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## 4 FUNCTION / USER INTERFACE DESCRIPTION

#### 4.1 APPLICATION FUNCTIONS

## 4.1.1 ASS-001 Search WBRS Records of COCR/FOC

#### **Program Environment:**

<b>Function ID</b>	ASS-001	<b>Function Name</b>	Search WBRS Records of COCR/FOC
Mode	Online/Update	Description	Search WBRS Records of COCR/FOC
Project	BEEO		
Source	Csudemo\wbrsReco	ord.aspx	
	csudemo\csudemo\v		
	csudemo\csudemo\c	ds\dswbrsRecord.vl	
	csudemo\csudemo\v	wbrsRecordEE1Cla	ss.vb
	csudemo\csudemo\v	wbrsRecordEE2Cla	ss.vb
	csudemo\csudemo\v	wbrsRecordEE3Cla	ss.vb
	csudemo\csudemo\wbrsRecordEE4Class.vb		
	csudemo\csudemo\buildentity.vb		
	csudemo\csudemo\Task.vb		
	csudemo\csudemo\clsJS.vb		
	csudemo\csudemo\assignment.vb		
	csudemo\csudemo\a	assignment_additionIn	formation.vb
	csudemo\csudemo\1		b
	csudemo\csudemo \	misc\MiscPRG.vb	
Language	VB.NET, Javascript,,		
Development	Visual Studio 2019		
Tools			
Platform	IIS		
Compiler	.net framework 4.6		

#### **Amendment History:**

Change	Revision	Revision	Date
Number	Description	Number	
1	Revision 1.0	1.0	11 Feb 22

#### File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_sync_BEEO_FORMEE1			X		X
BEEODMS	tbl_sync_BEEO_FORMEE1_EESU					X
BEEODMS	tbl_sync_BEEO_FORMEE2			X		X
BEEODMS	tbl_sync_BEEO_FORMEE2_EESU					X
BEEODMS	tbl_sync_BEEO_FORMEE3			X		X
BEEODMS	tbl_sync_BEEO_FORMEE3_EESU					X
BEEODMS	tbl_sync_BEEO_FORMEE4			X		X
BEEODMS	tbl_sync_BEEO_FORMEE4_EESU					X
BEEODMS	tbl_sync_application_attachment					X
BEEODMS	tbl_assignment		X			
BEEODMS	tbl_sbmCOCR		X			
BEEODMS	tbl_sbmCOCR_AddtionInfoEE1		X			

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BEEODMS	tbl_sbmCOCR_AddtionInfoEE2	X	
BEEODMS	tbl_sbmCOCR_AddtionInfoEE3	X	
BEEODMS	tbl_sbmFOC	X	
BEEODMS	tbl_sbmFOC_AddtionInfo	X	
BEEODMS	tbl_inbox	X	
BEEODMS	tbl_CaseDoc	X	

#### Program Logic:

Object	Event	Validation / Action / Remarks
"Status"	On Change	If user wants to search WBRS Records of COCR/FOC then
DropDownList		Call wbrsRecord.load_data() function for getting the result
		End If
"Cancel" Button	On Click	If user wants to cancel WBRS Records of COCR/FOC then
		Call wbrsRecord.btnCancel_Click () function for cancel
		the checked records
		End If
"Assign" Button	On Click	If user wants to cancel WBRS Records of COCR/FOC then
		Call wbrsRecord.btn Assign _Click () function for Assign
		the checked records
		End If

#### **Validity Checking**

Checking	Field
N/A	N/A

#### <u>Input Parameters / Method list of the class (wbrsRecord.aspx.vb):</u>

Name	Return Type	<b>Description Text</b>
load_data	datatable	Load WBRS Records of COCR/FOC
btnCancel_Click	bool	Cancel WBRS Records of COCR/FOC
btnAssign _Click	bool	Assign WBRS Records of COCR/FOC

Parameters of the method (load data)

Name	Data Type	<b>Description Text</b>
submission_type	String	Submission type

Parameters of the method (btnCancel Click)

Name	Data Type	<b>Description Text</b>
ApplicationNo	String	Application No

Parameters of the method (btnAssign Click)

Name	Data Type	<b>Description Text</b>
ApplicationNo	String	Application No

The Page elements

Column	Decemination
Column	Description

Select to Assign	Checkbox to assign/cancel
Submission Type	Options:
	- EE1
	- EE2
	- EE3
	- EE4
Application No.	Application Number generated from WBRS
	Link to WBRS Record details page
Building Name	Building Name
Building Address	Building Address
Receive Date	Receive Date
Status	Options:
	- PENDING
	- NEW
	- CONVERTED
	- CANCELLED
Inspector	Inspector of the assignment
Engineer	Engineer of the assignment

#### Screens Used:

Screen II	<u>)                                    </u>	F	ASS-001 Search V	WBRS Records o	of COCR	:/FOC	(wbrsR	ecord.aspx)	
Descripti	escription Show the WBRS Records of COCR/FOC page								
Data Management Sy		BRS Record Assign	nment						
Status	l								
- EE1									_
Select to Assign select all	Submission Type	Application No.	Building Name	Buidling Address	Receive Date	Status	Inspector	Engineer	
	EE1	ee1005	string	Ostring-Ostring string string, Aberdeen	24/11/2021	CONVERTED	TO/EEB5	E/EEB5/1	
- EE2									
Select to Assign select all	Submission Type	Application No.	Building Name	Builling Address	Receive Date	Status	Inspector	Engineer	
	EE2	ee2003	string	Ostring-Ostring string string, Kowloon Bay	24/11/2021	CONVERTED	TO/EEB5	E/EEB5/1	
- EE3									
Assign selected subn	nission to:								
Engineer: E/EEB1/2 V	)								Inspector: BSI/EEB/P
Cancel Reason:				Cancel					

#### Screen Navigation:

Screen ID	Called from	Calling
wbrsRecord.aspx	-	wbrsRecord.aspx

## 4.1.2 ASS-002 View WBRS Records of EE1

#### **Program Environment:**

<b>Function ID</b>	ASS-002	<b>Function Name</b>	View WBRS Records of EE1		
Mode	Online/Update	Description	View WBRS Records of EE1		
Project	BEEO				
Source	Csudemo\wbrs_EE	Csudemo\wbrs EE1.aspx			
	csudemo\csudemo\v	csudemo\csudemo\wbrs EE1.aspx.vb			
	csudemo\csudemo\ds\dswbrsRecord.vb				
	csudemo\csudemo\clsJS.vb				
	csudemo\csudemo \misc\MiscPRG.vb				
Language	VB.NET, Javascript				
Development	Visual Studio 2019	Visual Studio 2019			
Tools					
Platform	IIS	IIS			
Compiler	.net framework 4.6				

#### Amendment History:

Change	Revision	Revision	Date
Number	Description	Number	
1	Revision 1.0	1.0	11 Feb 22

## File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_sync_BEEO_FORMEE1					X
BEEODMS	tbl_sync_BEEO_FORMEE1_EESU					X
BEEODMS	tbl_sync_application_attachment					X

#### Program Logic:

Object	Event	Validation / Action / Remarks
NA	NA	NA

#### **Validity Checking**

Checking	Field
N/A	N/A

## Input Parameters / Method list of the class (wbrs EE1.aspx.vb):

Name	Return Type	<b>Description Text</b>
load_data	Class	Load WBRS Records EE1

#### Parameters of the method (load data)

Name	Data Type	Description Text
ApplicationNo	String	Application No

The page elements

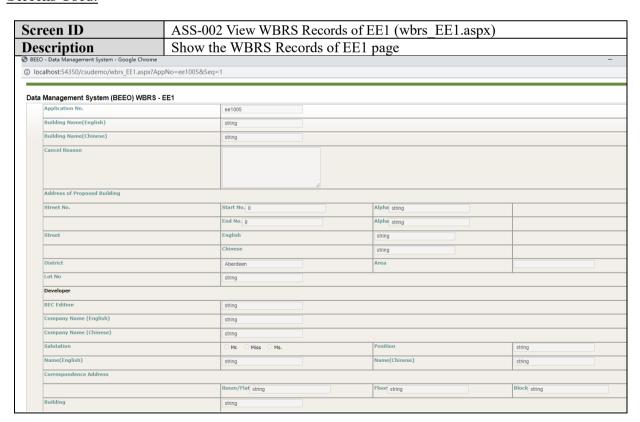
The page elements  WBRS - EE1 Record Details			
Field	Type	Details	
Application No.	Textbox	WBRS Application Number	
Building Name (English)	Textbox	W-100 1-FF-10000-1000-1000-1000-1000-1000	
Building Name (Chinese)	Textbox		
Cancel Reason	Textarea		
Address of Proposed Building	Label		
Street No.	Label		
Start No.	Textbox	Street Start No.	
Alpha	Textbox	Street Start No. Alpha	
End No.	Textbox	Street End No.	
Alpha	Textbox	Street End No. Alpha	
Street	Label	1	
English	Textbox	Street English Name	
Chinese	Textbox	Street Chinese Name	
District	Textbox		
Area	Textbox		
Lot No.	Textbox		
Developer	10.110.011		
BEC Edition	Textbox		
Company Name (English)	Textbox		
Company Name (Chinese)	Textbox		
Salutation	Radio Button	Options:	
		- Mr.	
		- Miss	
		- Ms.	
Position	Textbox		
Name (English)	Textbox	Developer Name (English)	
Name (Chinese)	Textbox	Developer Name (Chinese)	
Correspondence Address	Label	Developer Correspondence Address	
Room/Flat	Textbox	1	
Floor	Textbox		
Block	Textbox		
Building	Textbox		
Street No.	Label		
Start No.	Textbox	Street Start No.	
Alpha	Textbox	Street Start No. Alpha	
End No.	Textbox	Street End No.	
Alpha	Textbox	Street End No. Alpha	
Street (English)	Textbox	Street English Name	
District	Textbox	5	
Area	Textbox		
Telephone	Textbox		
		<u> </u>	

Fax	Textbox	
Email	Textbox	
Registered Energy Assessor		
BEC Edition	Textbox	
Salutation	Radio Button	Options:
		- Mr.
		- Miss
		- Ms.
Name (English)	Textbox	REA English Name
Name (Chinese)	Textbox	REA Chinese Name
Correspondence Addresss	Label	REA Correspondence Addresss
Room/Flat	Textbox	
Floor	Textbox	
Block	Textbox	
Building	Textbox	
Street No.	Label	
Start No.	Textbox	Street Start No.
Alpha	Textbox	Street Start No. Alpha
End No.	Textbox	Street End No.
Alpha	Textbox	Street End No. Alpha
Street (English)	Textbox	Street English Name
District	Textbox	
Area	Textbox	
Telephone	Textbox	
Fax	Textbox	
Email	Textbox	
Registration No.	Textbox	REA Registration No.
Expiry Date	Textbox	Date format = dd/MM/yyyy
Supplementary Information		
Type of Building	Checkbox	Options:
	List	- Commercial
		- Community
		<ul> <li>Hospital, clinic or rehabilitation</li> </ul>
		center
		- Residential
		- Municipal
		- Composite (industrial & office)
		- Industrial
		- Government
		- Composite (commerical &
		residential)
		- Hotel and guesthouse
		- Railway station
		- Passenger terminal building of
		airport
		- Educational

		- Other o	composite use	
Other composite use	Textbox	Description of Other composite use		
Date of Declaration by REA	Textbox	Date format = dd/MM/yyyy		
Supersede Previous Form	Radio Button	Options:		
		- Yes		
		- No		
Previous Submission No.	Textbox			
Date of Declaration by REA in Previous Form	Textbox			
Consent Building Work MapType	Radio Button	Options:		
		- plan		
		- map		
Consent Issue Date	Textbox			
Consent Document No. Type	Radio Button	Options:		
		- Permit		
			nce No.	
		- Contra	ct No.	
Consent Document No.	Textbox			
Commence Date Type	Radio Button	Options:		
		- Anticij		
		- Actual		
Commence Date	Textbox			
Occupation Date	Textbox			
Internal Floor Area(m^2)	Textbox			
Exemption Grant	Radio Button	Options:		
		- Yes		
		- No		
Exemption Reference No.	Textbox			
Exemption Date	Textbox			
Exemption Installations	Textbox			
Checklist of Document Proof that must be submitted	Label			
Copy of consent to the commencement of building works	Checkbox			
Site location plan/ map * in A3 size	Checkbox			
Responsible Person	Label			
Organization Name (English)	Textbox			
Organization Name (Chinese)	Textbox			
Name (English)	Textbox			
Name (Chinese)	Textbox			
Attachment				
Attachment	Grid	Name	Details	
		File Name	File full name	
		Туре	Options:	
			- Submission Form	

	Damark	<ul> <li>Acknowledgement Letter / Memo</li> <li>Request for Supplementary Information Letter / Memo</li> <li>Checklist for general Checking</li> <li>Inspection Notice</li> <li>Detailed Compliance Checklist</li> <li>Inspection Report</li> <li>Improvement Notice</li> <li>Others</li> <li>S29 Letter</li> <li>Reminder letters</li> <li>COCR certificate</li> <li>EA form</li> </ul>
	Remark	

#### Screens Used:





#### Screen Navigation:

Screen ID	Called from	Calling
wbrs_EE1.aspx	-	wbrs_EE1.aspx

#### 4.1.3 ASS-003 View WBRS Records of EE2

#### **Program Environment:**

<b>Function ID</b>	ASS-003	<b>Function Name</b>	View WBRS Records of EE2	
Mode	Online/Update	Description	View WBRS Records of EE2	
Project	BEEO			
Source	Csudemo\wbrs_EE2	2.aspx		
	csudemo\csudemo\v	wbrs_EE2.aspx.vb		
	csudemo\csudemo\c	csudemo\csudemo\ds\dswbrsRecord.vb		
	csudemo\csudemo\clsJS.vb			
	csudemo\csudemo \misc\MiscPRG.vb			
Language	VB.NET, Javascript	t		
Development	Visual Studio 2019			
Tools				
Platform	IIS			
Compiler	.net framework 4.6	_		

#### Amendment History:

Change	Revision	Revision	Date
Number	Description	Number	
1	Revision 1.0	1.0	11 Feb 22

#### File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_sync_BEEO_FORMEE2					X
BEEODMS	tbl_sync_BEEO_FORMEE2_EESU					X
BEEODMS	tbl sync application attachment					X

#### Program Logic:

Object	Event	Validation / Action / Remarks
NA	NA	NA

### **Validity Checking**

Checking	Field
N/A	N/A

#### Input Parameters / Method list of the class wbrs EE2.aspx.vb):

Name	Return Type	<b>Description Text</b>	
load_data	Class	Load WBRS Records EE2	

Parameters of the method (load data)

Name	Data Type	<b>Description Text</b>
· ·		

ApplicationNo	String	Application No
7 ippiicationi 10	buing	Application No

The page elements

The page elements  WBRS - EE2 Record Details				
Field Type Details				
Application No.	Textbox	WBRS Application Number		
Building Name (English)	Textbox			
Building Name (Chinese)	Textbox			
Cancel Reason	Textarea			
Address of Building	Label			
Street No.	Label			
Start No.	Textbox	Street Start No.		
Alpha	Textbox	Street Start No. Alpha		
End No.	Textbox	Street End No.		
Alpha	Textbox	Street End No. Alpha		
Street	Label			
English	Textbox	Street English Name		
Chinese	Textbox	Street Chinese Name		
District	Textbox			
Area	Textbox			
Lot No.	Textbox			
Developer				
BEC Edition	Textbox			
Company Name (English)	Textbox			
Company Name (Chinese)	Textbox			
Salutation	Radio Button	Options:		
		- Mr.		
		- Miss		
		- Ms.		
Position	Textbox			
Name (English)	Textbox	Developer Name (English)		
Name (Chinese)	Textbox	Developer Name (Chinese)		
Correspondence Address	Label	Developer Correspondence Address		
Room/Flat	Textbox			
Floor	Textbox			
Block	Textbox			
Building	Textbox			
Street No.	Label			
Start No.	Textbox	Street Start No.		
Alpha	Textbox	Street Start No. Alpha		
End No.	Textbox	Street End No.		
Alpha	Textbox	Street End No. Alpha		
Street (English)	Textbox	Street English Name		
District	Textbox			
Area	Textbox			

Telephone	Textbox	
Fax	Textbox	
Email	Textbox	
Registered Energy Assessor		
Inspect Date	Textbox	
Salutation	Radio Button	Options:
		- Mr. - Miss - Ms.
Name (English)	Textbox	REA English Name
Name (Chinese)	Textbox	REA Chinese Name
Correspondence Addresss	Label	REA Correspondence Addresss
Room/Flat	Textbox	-
Floor	Textbox	
Block	Textbox	
Building	Textbox	
Street No.	Label	
Start No.	Textbox	Street Start No.
Alpha	Textbox	Street Start No. Alpha
End No.	Textbox	Street End No.
Alpha	Textbox	Street End No. Alpha
Street (English)	Textbox	Street English Name
District	Textbox	
Area	Textbox	
Telephone	Textbox	
Fax	Textbox	
Email	Textbox	
Registration No.	Textbox	REA Registration No.
Expiry Date	Textbox	
Supplementary Information		
Type of Building	Checkbox List	Options:  - Commercial - Community - Hospital, clinic or rehabilitation center - Residential - Municipal - Composite (industrial & office) - Industrial - Government - Composite (commerical & residential) - Hotel and guesthouse - Railway station - Passenger terminal building of airport

		- Educational
		- Other composite use
Other composite use	Textbox	Description of Other composite use
Date of Declaration by REA	Textbox	
Supersede Previous Form	Radio Button	Options:
		- Yes
		- No
Previous Submission No.	Textbox	
Date of Declaration by REA in Previous Form	Textbox	
Technical Forms Enclosed	Label	
Form EE-EL	Radio Button	Options:
		- Yes
		- NA
Form EE-LG	Radio Button	Options:
		- Yes
		- NA
Form EE-AC	Radio Button	Options:
		- Yes
		- NA
Form EE-LE	Radio Button	Options:
		- Yes
		- NA
Form EE-PB	Radio Button	Options:
		- Yes
		- NA
Reference Number of Stage One Declaration	Textbox	
Issue Date of "occupation approval"	Textbox	
Reference No. of "occupation approval"	Textbox	
Total internal floor area of the building (m^2)	Textbox	
Exemption Grant	Radio Button	Options:
		- Yes
		- No
Exemption Reference No.	Textbox	
Exemption Date	Textbox	
Exemption Installations	Textarea	
Checklist of Document Proof that must be submitted	Label	
Copy of occupation approval	Checkbox	
Responsible Person	Label	
Organization Name (English)	Textbox	
Organization Name (Chinese)	Textbox	

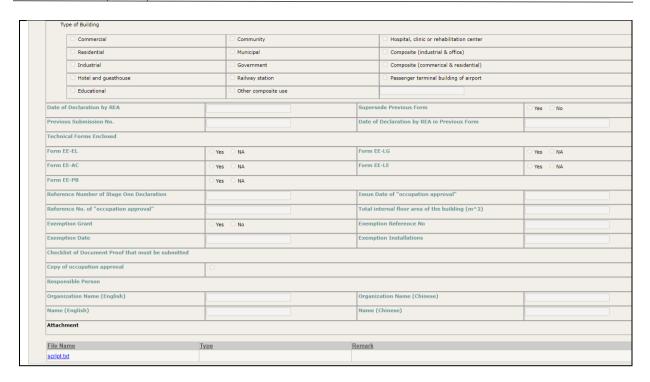
Name (English)	Textbox		
Name (Chinese)	Textbox		
Attachment			
Attachment	Grid	Name	Details
		File Name	File full name
		Type	Options:
			- Submission Form
			- Acknowledgement
			Letter / Memo
			- Request for
			Supplementary
			Information Letter
			/ Memo
			- Checklist for
			general Checking
			- Inspection Notice
			- Detailed
			Compliance
			Checklist
			- Inspection Report
			- Improvement Notice
			- Others
			- S29 Letter
			- Reminder letters
			- COCR certificate
			- EA form
		Remark	

## Screens Used:

Screen ID	ASS-003 View WBRS Records of EE2 (wbrs_EE2.aspx)		
Description	Show the WBRS Records of EE2 page		

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Management System (BEEO) WBRS	- FF2				
Application No.	L210000216				
Building Name(English)	Transport Building				
Building Name(Chinese)	交通城大廈				
Cancel Reason					
Address of Building					
Street No.	Start No. 1		Alpha	a	
	End No. 2		Alpha		
Street	English		ATT S		
	Chinese		運運到		
District	Kowloon Bay		Area		Hong Kong
Lot No	100				
Developer					
BEC Edition	2021				
Company Name (English)	ABC AAA Company				
Company Name (Chinese)	利民公司				
Salution	○ Mr. ○ Miss ○ Ms.		Position	on	Manager
Name(English)	Chan Tai Ha			(Chinese)	陳大夏
Correspondence Address	Chair fai fia			· · · · · · · · · · · · · · · · · · ·	陳人友
correspondence radices	Room/Flat Flat A		Floor	4	Block Block B
Building			11001		BIOCK B
Street No.	Transport Building		Alpha		
District	Kowloon Bay		Area		
Telephone	string		Fax		string
Email	string				
Registered Energy Assessor	'				
Inspect Date	24/11/2021				
Salutation	○ Mr. ○ Miss ○ Ms.				
Name (English)	WONG WAI PING				
Name (Chinese)	黄偉萍				
Correspondence Address					
	Room/Flat A		Floor FI	oor 1	Block Floor A
Building	ABC GEF Building				
Street No.	Start No. 0		Alpha		
	End No. 0		Alpha		
Street (English)	ABC Street				
District	Kowloon Bay		Area		
Telephone	string	string Fax			string
Email	string				
Registration No.	string		Expiry [	Date	24/11/2021
Supplementary Information					
Type of Building					
				Hospital, clinic or rehabilitation center	



#### Screen Navigation:

Screen ID	Called from	Calling
wbrs_EE2.aspx	-	wbrs_EE2.aspx

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## 4.1.4 ASS-004 View WBRS Records of EE3

#### **Program Environment:**

<b>Function ID</b>	ASS-004	<b>Function Name</b>	View WBRS Records of EE3
Mode	Online/Update	Description	View WBRS Records of EE3
Project	BEEO		
Source	Csudemo\wbrs_EE3	3.aspx	
	csudemo\csudemo\v	wbrs_EE3.aspx.vb	
	csudemo\csudemo\c	ds\dswbrsRecord.vl	0
	csudemo\csudemo\clsJS.vb		
	csudemo\csudemo \misc\MiscPRG.vb		
Language	VB.NET, Javascript		
Development	Visual Studio 2019		
Tools			
Platform	IIS		
Compiler	.net framework 4.6		

## **Amendment History:**

Change	Revision	Revision	Date
Number	Description	Number	
1	Revision 1.0	1.0	11 Feb 22

### File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_sync_BEEO_FORMEE3					X
BEEODMS	tbl_sync_BEEO_FORMEE3_EESU					X
BEEODMS	tbl_sync_BEEO_FORMEE3_EESU_COCR					X
BEEODMS	tbl_sync_BEEO_FORMEE3_EESU_FOC					X
BEEODMS	tbl_sync_application_attachment					X

#### Program Logic:

Object	Event	Validation / Action / Remarks
NA	NA	NA

#### **Validity Checking**

Checking	Field
N/A	N/A

## Input Parameters / Method list of the class (wbrs EE3.aspx.vb):

Name	Return Type	<b>Description Text</b>
load_data	Class	Load WBRS Records EE3

## Parameters of the method (load\_data)

	Name	Data Type	<b>Description Text</b>
--	------	-----------	-------------------------

A 1! 4! NT -	Cti.	A1: (: N) -
ApplicationNo	String	Application No

The page elements

OOX POOX POOX POOX POOX POOX POOX	Record Details  Details  WBRS Application Number  Street Start No.  Street Start No. Alpha  Street End No.  Street End No. Alpha
OOX POX POX POX POX POX POX POX	WBRS Application Number  Street Start No. Street Start No. Alpha Street End No.
oox oox oox oox	Street Start No. Street Start No. Alpha Street End No.
OOX OOX OOX OOX	Street Start No. Alpha Street End No.
OOX OOX OOX OOX	Street Start No. Alpha Street End No.
OOX OOX OOX OOX	Street Start No. Alpha Street End No.
DOX DOX DOX	Street Start No. Alpha Street End No.
OOX OOX OOX	Street Start No. Alpha Street End No.
oox oox oox	Street Start No. Alpha Street End No.
oox oox	Street Start No. Alpha Street End No.
OOX OOX	Street End No.
OOX	
	Street End No. Alpha
OX	
U11	Street English Name
OOX	Street Chinese Name
OOX	
OOX	
OOX	
ox	
oox	
Button	Options:
	- Mr.
	- Miss
	- Ms.
OOX	
OOX	Representative Person Name (English)
OOX	Representative Person Name (Chinese)
	Representative Person Correspondence Address
OOX	
OOX	
OOX	
OOX	
OOX	Street Start No.
OOX	Street Start No. Alpha
OOX	Street End No.
OOX	Street End No. Alpha
OOX	Street English Name
	· 6 · · · · · · · · · · · · · · · · · ·
	ox o

Area	Textbox	
Telephone	Textbox	
Fax	Textbox	
Email	Textbox	
Registered Energy Assessor		
BEC Edition	Textbox	
Inspect Date	Textbox	
Salutation	Radio Button	Options:
		- Mr.
		- Miss
		- Ms.
Name (English)	Textbox	REA English Name
Name (Chinese)	Textbox	REA Chinese Name
Correspondence Addresss	Label	
Room/Flat	Textbox	
Floor	Textbox	
Block	Textbox	
Building	Textbox	
Street No.	Label	
Start No.	Textbox	Street Start No.
Alpha	Textbox	Street Start No. Alpha
End No.	Textbox	Street End No.
Alpha	Textbox	Street End No. Alpha
Street (English)	Textbox	Street English Name
District	Textbox	
Area	Textbox	
Telephone	Textbox	
Fax	Textbox	
Email	Textbox	
Registration No.	Textbox	REA Registration No.
Expiry Date	Textbox	
Supplementary Information		
Type of Building	Checkbox	Options:
	List	- Commercial
		- Community
		- Hospital, clinic or rehabilitation
		center
		- Residential
		- Municipal
		- Composite (industrial & office)
		- Industrial
		- Government
		- Composite (commerical & residential)
		- Hotel and guesthouse
		- Railway station
	1	Ranway station

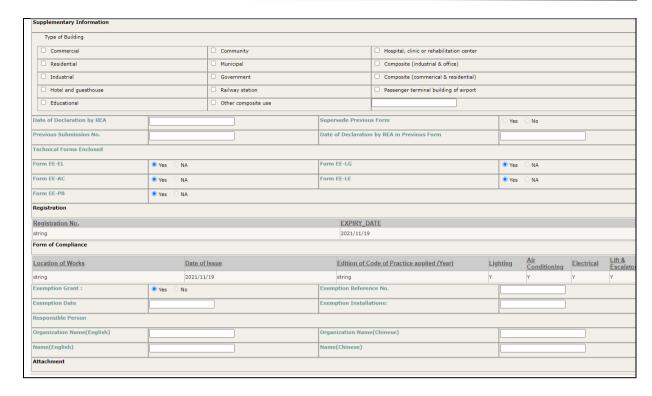
		<ul><li>Passenger term airport</li><li>Educational</li><li>Other compos</li></ul>	ninal building of ite use
Other composite use	Textbox	Description of Other comp	posite use
Date of Declaration by REA	Textbox		
Supersede Previous Form	Radio Button	Options: - Yes - No	
Previous Submission No.	Textbox		
Date of Declaration by REA in Previous Form	Textbox		
Technical Forms Enclosed	Label		
Form EE-EL	Radio Button	Options: - Yes - NA	
Form EE-LG	Radio Button	Options: - Yes	
E EE AG	D 11 D 11	- NA	
Form EE-AC	Radio Button	Options: - Yes - NA	
Form EE-LE	Radio Button	Options: - Yes - NA	
Form EE-PB	Radio Button	Options: - Yes - NA	
Registration	Grid	Name	Details
		Registration No.	
		Expiry Date	
Form of Compliance	Grid	Name	Details
		Location of Works	
		Date of Issue	
		Edition of Code of Practice applied (Year)	
		Lighting	Display Y if Type = LG
		Air Conditioning	Display Y if Type = AC
		Electrical	Display Y if Type = EL
		Lift & Escalator	Display Y if Type = LE
Exemption Grant	Radio Button	Options:	
		- Yes	
	m i	- No	
Exemption Reference No.	Textbox		

Exemption Installations  Responsible Person  Label  Organization Name (English)  Textbox  Organization Name (Chinese)  Name (English)  Textbox  Name (Chinese)  Attachment  Attachment   Grid  Name File full name Type Options:  - Submission Form - Acknowledgement Letter / Memo - Request for Supplementary Information Letter / Memo - Checklist for general Checking - Inspection Notice - Detailed Compliance Checklist - Inspection Report - Improvement Notice - Others - Others	Exemption Date	Textbox		
Organization Name (English) Organization Name (Chinese) Name (Chinese) Name (Chinese) Textbox  Attachment  Attachment  Attachment  Grid  Mame File Name File full name Type Options:  - Submission Form - Acknowledgement Letter / Memo - Request for Supplementary Information Letter / Memo - Checklist for general Checking - Inspection Notice - Detailed Compliance Checklist - Inspection Report - Improvement Notice	Exemption Installations	Textarea		
Organization Name (Chinese) Name (English) Name (Chinese) Textbox Attachment  Attachment  Attachment  Grid  Name File Name Type Options:  - Submission Form - Acknowledgement Letter / Memo - Request for Supplementary Information Letter / Memo - Checklist for general Checking - Inspection Notice - Detailed Compliance Checklist - Inspection Report - Improvement Notice	Responsible Person	Label		
Name (English) Name (Chinese)  Attachment  Attachment  Grid  Name File full name Type Options:  - Submission Form - Acknowledgement Letter / Memo - Request for Supplementary Information Letter / Memo - Checklist for general Checking - Inspection Notice - Detailed Compliance Checklist - Inspection Report - Improvement Notice	Organization Name (English)	Textbox		
Name (Chinese)  Attachment  Attachment  Grid  Name File full name Type Options:  - Submission Form - Acknowledgement Letter / Memo - Request for Supplementary Information Letter / Memo - Checklist for general Checking - Inspection Notice - Detailed Compliance Checklist - Inspection Report - Improvement Notice	Organization Name (Chinese)	Textbox		
Attachment  Grid  Name File Name File full name Type Options:  - Submission Form - Acknowledgement Letter / Memo - Request for Supplementary Information Letter / Memo - Checklist for general Checking - Inspection Notice - Detailed Compliance Checklist - Inspection Report - Improvement Notice	Name (English)	Textbox		
Attachment    Grid   Name   Details     File Name   File full name     Type   Options:     - Submission Form     - Acknowledgement     Letter / Memo     - Request for     Supplementary     Information Letter     / Memo     - Checklist for     general Checking     - Inspection Notice     - Detailed     Compliance     Checklist     - Inspection Report     - Improvement     Notice	Name (Chinese)	Textbox		
File Name File full name  Type Options:  - Submission Form - Acknowledgement Letter / Memo - Request for Supplementary Information Letter / Memo - Checklist for general Checking - Inspection Notice - Detailed Compliance Checklist - Inspection Report - Improvement Notice	Attachment			
Type Options:  - Submission Form - Acknowledgement Letter / Memo - Request for Supplementary Information Letter / Memo - Checklist for general Checking - Inspection Notice - Detailed Compliance Checklist - Inspection Report - Improvement Notice	Attachment	Grid	Name	Details
- Submission Form - Acknowledgement Letter / Memo - Request for Supplementary Information Letter / Memo - Checklist for general Checking - Inspection Notice - Detailed Compliance Checklist - Inspection Report - Improvement Notice			File Name	File full name
- Submission Form - Acknowledgement Letter / Memo - Request for Supplementary Information Letter / Memo - Checklist for general Checking - Inspection Notice - Detailed Compliance Checklist - Inspection Report - Improvement Notice			Туре	Options:
- S29 Letter - Reminder letters				<ul> <li>Acknowledgement Letter / Memo</li> <li>Request for Supplementary Information Letter / Memo</li> <li>Checklist for general Checking</li> <li>Inspection Notice</li> <li>Detailed Compliance Checklist</li> <li>Inspection Report</li> <li>Improvement Notice</li> <li>Others</li> <li>S29 Letter</li> </ul>

## Screens Used:

Screen ID	ASS-004 View WBRS Records of EE3 (wbrs_EE3.aspx)
Description	Show the WBRS Records of EE3 page

Management System (BEEC	) WRRS - FE3			
Application No.	ee3001			
Cancel Reason				
Information of Building				
Building Name(English)	bldgEname			
Building Name(Chinese)				
Address of Building	bldgCname中文			
Street No.	Strat No	Alpha		
Street No.	Start No. 1	Alpha string		
	End No. 22	Alpha string		
Street	English	stEname		
	Chinese	stCname中文		
District	Aberdeen	Area		Hong Kong
COCR Registration No.	string			
Owner				
Name (English)	reaEname			
Name (Chinese)	reaCname名字			
Salutation	○ Mr. ○ Miss ○ Ms.			
Representative Person				
Position	string			
Name (English)	represenEname			
Name (Chinese)	represenCname中文			
host:54350/csudemo/wbrs_EE3.	aspx?AppNo=ee3001&Seq=1			
treet No.	Start No. 0	Alpha string		
	End No. 0	Alpha string	_	
treet (English)	End No. 0			
treet (English)				
	String Aberdeen	Alpha string		string
District	string	Alpha string		string
elephone	string Aberdeen string	Alpha string		[string
elephone mail	string Aberdeen string	Alpha string		string
District Gelephone Gelepho	string  [ string   st	Alpha string		String
District elephone mail registered Energy Assessor	string  Aberdeen  string  string  2012	Alpha string		String
District elephone mail tegistered Energy Assessor ECC Edition nspect Date	string  Aberdeen  string  string  2012  Mr. Miss Ms.	Alpha string		[string]
District elephone mail legistered Energy Assessor ECC Edition nspect Date salutation	string  Aberdeen  string  string  2012  Mr. Miss Ms.  represenEname	Alpha string		Estring
District elephone mail tegistered Energy Assessor EEC Edition nspect Date salutation tame (English)	string Aberdeen string string  [ 2012	Alpha string  Area  Fax		
District elephone mail tegistered Energy Assessor EEC Edition nspect Date salutation tame (English) tame (Chinese) correspondence Address	string Aberdeen string string  2012  Nr. Miss Ms. represenEname represenCname中文 Room/Flat string	Alpha string		string
District elephone mail legistered Energy Assessor EEC Edition Inspect Date laulutation Itame (English) Itame (Chinese) correspondence Address	string  Aberdeen  string  string  2012  Mr. Miss Ms.  represenEname  represenCname中文  Room/Flat  string  string	Alpha string  Area  Fax  Floor string		
District elephone mail tegistered Energy Assessor EEC Edition nspect Date salutation tame (English) tame (Chinese) correspondence Address	string  Aberdeen  string  string  2012  Mr. Miss Ms.  represenEname  represenCname中文  Room/Flat[string]  string  string	Alpha string  Area Fax  Floor string		
District elephone mail legistered Energy Assessor EEC Edition Inspect Date alutation lame (English) lame (Chinese) correspondence Address building treet No.	string  Aberdeen  string  string  2012  Mr. Miss Ms.  represenEname  represenCname中文  Room/Flat  string  string	Alpha string  Area  Fax  Floor string		
District clephone mail legistered Energy Assessor EEC Edition Inspect Date lalutation lame (English) lame (Chinese) correspondence Address laulding street No.	string  Aberdeen  String  String  2012  Mr. Miss Ms.  represenEname  represenCname中文  Room/Flat[string]  Start No-[0]  End No-[0]	Alpha string  Area Fax  Floor string  Alpha string  Alpha string		Block string
District clephone mail legistered Energy Assessor EEC Edition Inspect Date clautation lame (English) lame (Chinese) correspondence Address laulding treet No.	string  Aberdeen  string  string  2012  Mr. Miss Ms.  represenEname  represenCname中文  Room/Flat  string  string  Start No- 0  End No- 0	Alpha string  Area Fax  Floor string  Alpha string  Alpha string  Alpha string		Block string  Hong Kong
District elephone mail legistered Energy Assessor EEC Edition Inspect Date laulutation lame (English) lame (Chinese) correspondence Address laulding treet No. letreet (English) bistrict elephone	string  Aberdeen  string  string  2012  Nr. Miss Ms.  represenEname  represenCname中文  Room/Flat  string  string  Start No-{0}  End No-{0}  [Aberdeen]  string	Alpha string  Area Fax  Floor string  Alpha string  Alpha string		Block string
District clephone mail legistered Energy Assessor EEC Edition Inspect Date clautation lame (English) lame (Chinese) correspondence Address laulding treet No.	string  Aberdeen  string  string  2012  Mr. Miss Ms.  represenEname  represenCname中文  Room/Flat  string  string  Start No- 0  End No- 0	Alpha string  Area Fax  Floor string  Alpha string  Alpha string  Alpha string		Block string  Hong Kong



#### Screen Navigation:

Screen ID	D Called from Calling	
wbrs_EE3.aspx	-	wbrs_EE3.aspx

### 4.1.5 ASS-005 View WBRS Records of EE4

#### Program Environment:

<b>Function ID</b>	ASS-005	<b>Function Name</b>	View WBRS Records of EE4			
Mode	Online/Update	Description	View WBRS Records of EE4			
Project	BEEO					
Source	Csudemo\wbrs_EE4	4.aspx				
	csudemo\csudemo\v	wbrs_EE4.aspx.vb				
	csudemo\csudemo\ds\dswbrsRecord.vb					
	csudemo\csudemo\clsJS.vb					
	csudemo\csudemo \misc\MiscPRG.vb					
Language	VB.NET, Javascript					
Development	Visual Studio 2019					
Tools						
Platform	IIS					
Compiler	.net framework 4.6					

#### **Amendment History:**

Chang Numb	Revision Description	Revision Number	Date
1	Revision 1.0	1.0	11 Feb 22

#### File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_sync_BEEO_FORMEE4					X
BEEODMS	tbl_sync_BEEO_FORMEE4_EESU					X
BEEODMS	tbl_sync_BEEO_FORMEE4_EESU_WORK					X
BEEODMS	tbl sync application attachment					X

#### Program Logic:

Object	Event	Validation / Action / Remarks
NA	NA	NA

#### **Validity Checking**

Checking	Field
N/A	N/A

## Input Parameters / Method list of the class (wbrs EE4.aspx.vb):

Name	Return Type Description Text	
load_data	Class	Load WBRS Records EE4

Parameters of the method (load data)

Name	Data Type	<b>Description Text</b>
ApplicationNo	String	Application No

#### The page elements

WBRS – EE4 Record Details				
Field	Type	Details		
Application No.	Textbox	WBRS Application Number		
Cancel Reason	Textarea			
Information of Building				
Building Name (English)	Textbox			
Building Name (Chinese)	Textbox			
Address of Building	Label			
Street No.	Label			
Start No.	Textbox	Street Start No.		
Alpha	Textbox	Street Start No. Alpha		
End No.	Textbox	Street End No.		
Alpha	Textbox	Street End No. Alpha		
Street	Label			
English	Textbox	Street English Name		
Chinese	Textbox	Street Chinese Name		
District	Textbox			
Area	Textbox			

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Information of Relevant Unit / Con	nmon Area	
Name (English)	Textbox	
Name (Chinese)	Textbox	
Location	Label	
Room/Flat	Textbox	
Floor	Textbox	
Block	Textbox	
Other Description	Textbox	
Information of Responsible Person		
Type of Responsible Person	Checkbox	Options:  - Owner of the relevant common area - Owner of the relevant central building services installation - Tenant of the relevant unit - Occupier of the relevant unit - Owner of the relevant unit
Name (English)	Textbox	Name of Responsible Person
Name (Chinese)	Textbox	Name of Responsible Person
Representative	Label	1
Salutation	Radio Button	Options:  - Mr Miss Ms.
Name (English)	Textbox	Name of Representative Person
Name (Chinese)	Textbox	Name of Representative Person
Position	Textbox	r
Correspondence Address	Label	
Street No.	Label	
Start No.	Textbox	Street Start No.
Alpha	Textbox	Street Start No. Alpha
End No.	Textbox	Street End No.
Alpha	Textbox	Street End No. Alpha
Street	Label	
English	Textbox	Street English Name
Chinese	Textbox	Street Chinese Name
District	Textbox	
Area	Textbox	
Telephone	Textbox	
Fax	Textbox	
Email	Textbox	
Registered Energy Assessor		
BEC Edition	Textbox	
Inspect Date	Textbox	
Salutation	Radio Button	Options: - Mr.

		- Miss - Ms.
Name (English)	Textbox	REA English Name
Name (Chinese)	Textbox	REA Chinese Name
Correspondence Addresss	Label	KLA Chinese Ivaine
Room/Flat	Textbox	
Floor	Textbox	
Block	Textbox	
Building	Textbox	
Street No.	Label	
Start No.	Textbox	Street Start No.
Alpha	Textbox	Street Start No. Alpha
End No.	Textbox	Street End No.
	Textbox	Street End No. Alpha
Alpha Street (English)	Textbox	~
Street (English)  District	Textbox	Street English Name
	Textbox	
Area	Textbox	
Telephone Fax	Textbox	
Email	Textbox	
		DEA Decision No.
Registration No.	Textbox	REA Registration No.
Expiry Date Supplementary Information	Textbox	
Type of Building	Checkbox	Options:
	List	<ul> <li>Commercial</li> <li>Community</li> <li>Hospital, clinic or rehabilitation center</li> <li>Residential</li> <li>Municipal</li> <li>Composite (industrial &amp; office)</li> <li>Industrial</li> <li>Government</li> <li>Composite (commerical &amp; residential)</li> <li>Hotel and guesthouse</li> <li>Railway station</li> <li>Passenger terminal building of airport</li> <li>Educational</li> </ul>
		- Other composite use
Other composite use	Textbox	Description of Other composite use
Date of Declaration by REA	Textbox	
Supersede Previous Form	Radio Button	Options: - Yes - No

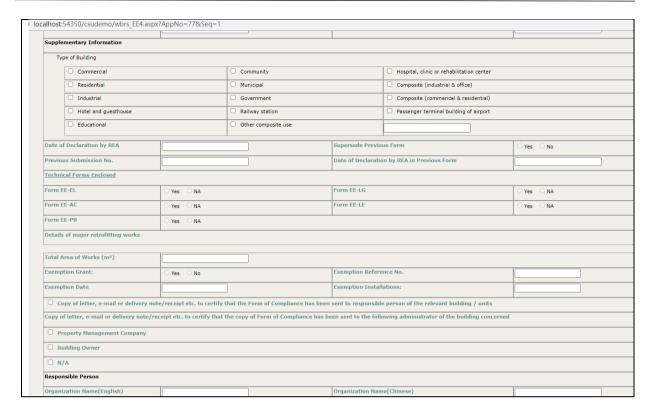
Previous Submission No.	Textbox		
Date of Declaration by REA in Previous Form	Textbox		
Technical Forms Enclosed	Label		
Form EE-EL	Radio Button	Options: - Yes - NA	
Form EE-LG	Radio Button	Options: - Yes - NA	
Form EE-AC	Radio Button	Options: - Yes - NA	
Form EE-LE	Radio Button	Options: - Yes - NA	
Form EE-PB	Radio Button	Options: - Yes - NA	
Details of major retrofitting works	Grid	Name	Details
		Location of Works	
		Common Area	Display Y if is selected
		Unit	Display Y if is selected
		Area of Works (m^2)	
		Lighting	Display Y if Type = LG
		Air Conditioning	Display Y if Type = AC
		Electrical	Display Y if Type = EL
		Lift & Escalator	Display Y if Type = LE
		Work Completion Date	
Total Area of Works (m^2)	Textbox		<u> </u>
Exemption Grant	Radio Button	Options:	
		- Yes	
		- No	
Exemption Reference No.	Textbox		
Exemption Date	Textbox		
Exemption Installations	Textarea		
Checklist of Document Proof that must be submitted	Label		
Copy of letter, e-mail or delivery note/receipt etc. to certify that the Form of Compliance has been sent to responsible person of the relevant building / units	Checkbox		
Copy of letter, e-mail or delivery note/receipt etc. to certify that the copy of Form of Compliance has	Label		

been sent to the following administrator of the building concerned  Property Management Company  Building Owner  N/A  Responsible Person  Organization Name (English)  Organization Name (Chinese)  Name (English)  Name (Chinese)	Checkbox Checkbox Checkbox Label Textbox Textbox Textbox Textbox		
Attachment			
Attachment	Grid	Name	Details
		File Name	File full name
		Remark	Options:  - Submission Form - Acknowledgement Letter / Memo - Request for Supplementary Information Letter / Memo - Checklist for general Checking - Inspection Notice - Detailed Compliance Checklist - Inspection Report - Improvement Notice - Others - S29 Letter - Reminder letters - COCR certificate - EA form

## Screens Used:

Screen ID	ASS-005 Search WBRS Records of EE4 (wbrs_EE4.aspx)		
Description	Show the WBRS Records of EE4 page		

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#### **Screen Navigation:**

Screen ID	Called from	Calling
wbrs_EE4.aspx	-	wbrs_EE4.aspx

# 4.1.6 ASS-006 Search WBRS Records of REA

# **Program Environment:**

<b>Function ID</b>	ASS-006	<b>Function Name</b>	Search WBRS Records of REA
Mode	Online/Update	Description	Search WBRS Records of REA
Project	BEEO	•	· ·
Source	Csudemo\wbrsRecordREA.aspx		
	csudemo\csudemo\	wbrsRecordREA.a	spx.vb
	csudemo\csudemo\c	ds\dswbrsRecord.vl	
	csudemo\csudemo\v	wbrsRecordREA1C	Class.vb
	csudemo\csudemo\v	wbrsRecordREA3C	Class.vb
	csudemo\csudemo\buildentity.vb		
	csudemo\csudemo\Task.vb		
	csudemo\csudemo\ clsJS.vb		
	csudemo\csudemo\assignment.vb		
	csudemo\csudemo\assignment_additionInformation.vb		
	csudemo\csudemo\ProcessStatusAction.vb		
	csudemo\csudemo \misc\MiscPRG.vb		
Language	VB.NET, Javascript,,		
Development	Visual Studio 2019		
Tools			
Platform	IIS		
Compiler	.net framework 4.6		

# Amendment History:

Change	Revision	Revision	Date
Number	Description	Number	
1	Revision 1.0	1.0	11 Feb 22

# File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_sync_BEEO_FORMEA1			X		X
BEEODMS	tbl_sync_BEEO_FORMEA3			X		X
BEEODMS	tbl_sync_application_attachment					X
BEEODMS	tbl_assignment		X			
BEEODMS	tbl_sbmREA		X			
BEEODMS	tbl_BEEO_FORMEA1		X			
BEEODMS	tbl_BEEO_FORMEA3		X			
BEEODMS	tbl_inbox		X			
BEEODMS	tbl_CaseDoc		X			

# Program Logic:

Object	Event	Validation / Action / Remarks
"Status"	On Change	If user wants to search WBRS Records of REA then
DropDownList		Call wbrsRecordREA.load data () function for getting the
		result
		End If

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"Cancel" Button	On Click	If user wants to cancel WBRS Records of REA then Call wbrsRecordREA.btnCancel_Click () function for cancel the checked records End If
"Assign" Button	On Click	If user wants to cancel WBRS Records of REA then Call wbrsRecordREA.btn Assign _Click () function for Assign the checked records End If

# Validity Checking

Checking	Field
N/A	N/A

# <u>Input Parameters / Method list of the class (wbrsRecordREA.aspx.vb):</u>

Name	Return Type	Description Text
load_data	datatable	Load WBRS Records of REA
btnCancel_Click	bool	Cancel WBRS Records of REA
btnAssign _Click	bool	Assign WBRS Records of REA

Parameters of the method (load data)

Name	Data Type	Description Text
submission_type	String	Submission type

Parameters of the method (btnCancel Click)

I WITCHILL OIL OIL THICK	is a (sure unit or entry	
Name	Data Type	<b>Description Text</b>
ApplicationNo	String	Application No

Parameters of the method (btnAssign Click)

Name	Data Type	Description Text
ApplicationNo	String	Application No

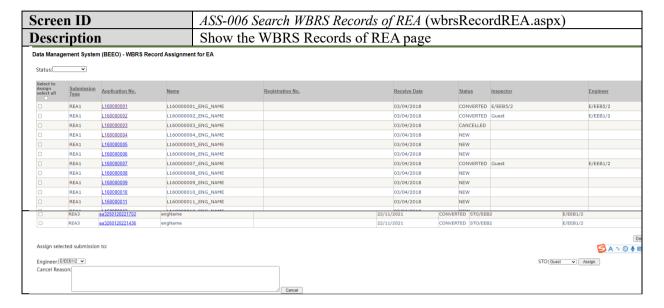
The Page elements

Column	Description	
Select to Assign	Checkbox to assign/cancel	
Submission Type	Options:	
	- REA1	
	- REA3	
Application No.	Application Number generated from WBRS	
	Link to WBRS Record details page	
Name	Applicant Name	
Registration No.	Registration No.	
Receive Date	Receive Date	
Status	Options:	
	- PENDING	
	- NEW	
	- CONVERTED	

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	- CANCELLED
STO	STO of the assignment
Engineer	Engineer of the assignment

#### Screens Used:



#### Screen Navigation:

Screen ID	Called from	Calling
wbrsRecordREA.aspx	-	wbrsRecordREA.aspx

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# 4.1.7 ASS-007 View WBRS Records of REA1

# **Program Environment:**

<b>Function ID</b>	ASS-007	<b>Function Name</b>	View WBRS Records of REA1
Mode	Online/Update	Description	View WBRS Records of REA1
Project	BEEO	-	
Source	Csudemo\wbrs_RE.	A1.aspx	
	csudemo\csudemo\v	wbrs_REA1.aspx.v	b
	csudemo\csudemo\d	ds\dswbrsRecord.vl	
	csudemo\csudemo\c	elsJS.vb	
	csudemo\csudemo \	misc\MiscPRG.vb	
Language	VB.NET, Javascript	t	
Development	Visual Studio 2019		
Tools			
Platform	IIS		
Compiler	.net framework 4.6		

# **Amendment History:**

Change	Revision	Revision	Date
Number	Description	Number	
1	Revision 1.0	1.0	11 Feb 22

# File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_sync_BEEO_FORMEA1					X
BEEODMS	tbl_sync_BEEO_FORMEA1_EXP					X
BEEODMS	tbl_sync_BEEO_FORMEA1_SUBSTANTIATE					X
BEEODMS	tbl_sync_application_attachment					X

#### Program Logic:

Object	Event	Validation / Action / Remarks
NA	NA	NA

# Validity Checking

Checking	Field
N/A	N/A

# <u>Input Parameters / Method list of the class (wbrs REA1.aspx.vb):</u>

Name	Return Type	<b>Description Text</b>
load_data	Class	Load WBRS Records REA1

# Parameters of the method (load data)

Tume Duta Type Description Tent	Name	Data Type	<b>Description Text</b>
---------------------------------	------	-----------	-------------------------

ApplicationNo	String	Application No

The page elements

he page elements  WBRS – REA1 Record Details				
Field	Type	Details		
Application No.	Textbox	WBRS Application Number		
Receive Date	Textbox	Will approximate the second se		
Application Type	Textbox			
Change of Particulars	Checkbox	Options:		
		<ul><li>Name</li><li>Correspondence Address</li><li>Professional Qualification</li></ul>		
Registration No.	Textbox			
Expiry Date	Textbox			
Cancel Reason	Textarea			
Personal Details	•			
Name (English)	Textbox	Salutation + English Name		
Name (Chinese)	Textbox	Salutation + Chinese Name		
Date of Birth	Textbox			
HKID / Travel Document Number				
Correspondence Address	Label			
Flat	Textbox			
Floor	Textbox			
Block	Textbox			
Building	Textbox			
Start Street No.	Textbox			
Start Street Alpha	Textbox			
End Street No.	Textbox			
End Street Alpha	Textbox			
Street	Textbox			
District	Textbox			
Region	Textbox			
Contact Phone	Textbox			
Current Company Name	Textbox			
Current Company Address	Label			
Flat	Textbox			
Floor	Textbox			
Block	Textbox			
Building	Textbox			
Start Street No.	Textbox			
Start Street Alpha	Textbox			
End Street No.	Textbox			
End Street Alpha	Textbox			
Street	Textbox			
District	Textbox			

DEPARTMENT (EMSD)		
Region	Textbox	
Contact Phone	Textbox	
Current Company Name	Textbox	
Current Company Addres	Label	
Flat	Textbox	
Floor	Textbox	
Block	Textbox	
Building	Textbox	
Start Street No.	Textbox	
Start Street Alpha	Textbox	
End Street No.	Textbox	
End Street Alpha	Textbox	
Street	Textbox	
District	Textbox	
Region	Textbox	
Current Position	Textbox	
Email Address	Textbox	
Telephonse No. (Office)	Textbox	
Fax No.	Textbox	
Professional Qualification	s	
Name	Details	
Date of Qualified /		
Membership No.		
Professional	Checkbox Options:	
Qualifications (Please	- Registered professional engineer within the meaning of	

# Registered professional engineer within the meaning of tick in the appropiate section 2(1) of the Engineers Registration Ordinance box(s) (Cap.409) Corporate member of the Hong Kong Institution of Engineers Equivalent qualification recognized by HKIE as being of a standard not lower than that of a corporate member of the Institution in any of these disciplines (please read the attached "Notes to Applicants" Item 2.1) (Please state your professional membership of the relevant professional body based upon the reciprocal recognition agreements between the HKIE and the professional body ) Other: (please read the attached "Notes to Applicant" Item 2.2)Discipline Checkbox: **BSS ELL ENV MCL**

Name

Label Grid

Relevant Practical Experience

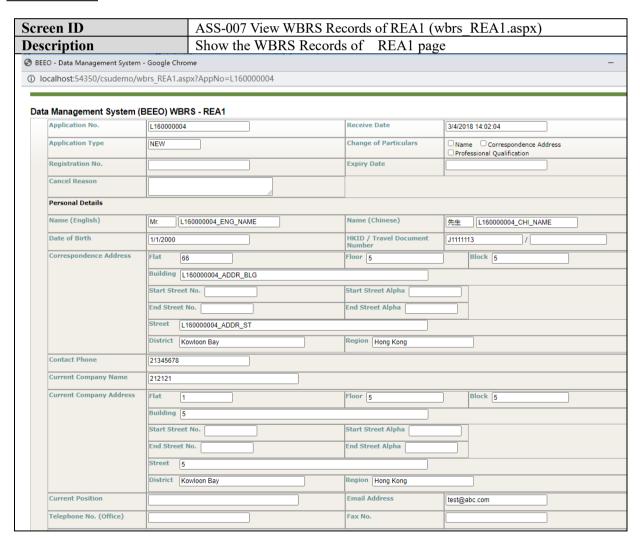
From (DD/MM/YY)

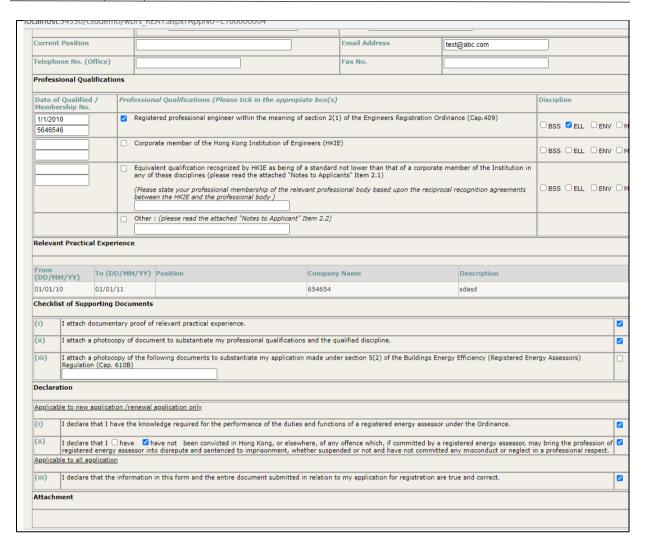
**Details** 

		To (DD/MM/YY)		
		Position		
		Company Name		
		Description		
Checklist of Supporting Documents				
(i) I attach documentary proof of relevant practical experience.	Checkbox			
(ii) I attach a photocopy of document to substantiate my professional qualifications and the qualified discipline.	Checkbox			
(iii) I attach a photocopy of the following documents to substantiate my application made under section 5(2) of the Buildings Energy Efficiency (Registered Energy Assessors) Regulation (Cap. 610B)	Checkbox	With description Textbox		
Declaration				
Applicable to new application /renewal application only	Label			
(i) I declare that I have the knowledge required for the performance of the duties and functions of a registered energy assessor under the Ordinance.	Checkbox			
(ii) I declare that I have / have not been convicted in Hong Kong, or elsewhere, of any offence which, if committed by a registered energy assessor, may bring the profession of registered energy assessor into disrepute and sentenced to imprisonment, whether suspended or not and have not committed any misconduct or neglect in a professional respect.	Checkbox			
Applicable to all application	Label			
(iii) I declare that the information in this form and the entire document submitted in relation to my application for registration are true and correct.	Checkbox			
Attachment	Grid	Name	Details	
		File Name	File full name	
		Туре	Options:  - Submission Form - Acknowledgement Letter / Memo - Request for Supplementary Information Letter / Memo	

	- Checklist for
	general Checking
	- Inspection Notice
	- Detailed
	Compliance
	Checklist
	- Inspection Report
	- Improvement
	Notice
	- Others
	- S29 Letter
	- Reminder letters
	- COCR certificate
	- EA form
Remark	

#### Screens Used:





## **Screen Navigation:**

Screen ID	Called from	Calling
wbrs_REA1.aspx	-	wbrs_REA1.aspx

# 4.1.8 ASS-008 View WBRS Records of REA3

# **Program Environment:**

<b>Function ID</b>	ASS-008	<b>Function Name</b>	View WBRS Records of REA3		
Mode	Online/Update	Description	View WBRS Records of REA3		
Project	BEEO				
Source	Csudemo\wbrs_REA3.aspx csudemo\csudemo\wbrs_REA3.aspx.vb csudemo\csudemo\ds\dswbrsRecord.vb csudemo\csudemo\clsJS.vb				
	csudemo\csudemo\misc\MiscPRG.vb				
Language	VB.NET, Javascript				
Development	Visual Studio 2019				
Tools					
Platform	IIS				
Compiler	.net framework 4.6				

# **Amendment History:**

Change	Revision	Revision	Date
Number	Description	Number	
1	Revision 1.0	1.0	11 Feb 22

#### File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_sync_BEEO_FORMEA3					X
BEEODMS	tbl_sync_application_attachment					X

# Program Logic:

Object	Event	Validation / Action / Remarks
NA	NA	NA

# Validity Checking

Checking	Field
N/A	N/A

# Input Parameters / Method list of the class (wbrs REA3.aspx.vb):

Name	Return Type	<b>Description Text</b>	
load_data	Class	Load WBRS Records REA3	

# Parameters of the method (load data)

Name	Data Type	<b>Description Text</b>
ApplicationNo	String	Application No

# The page elements

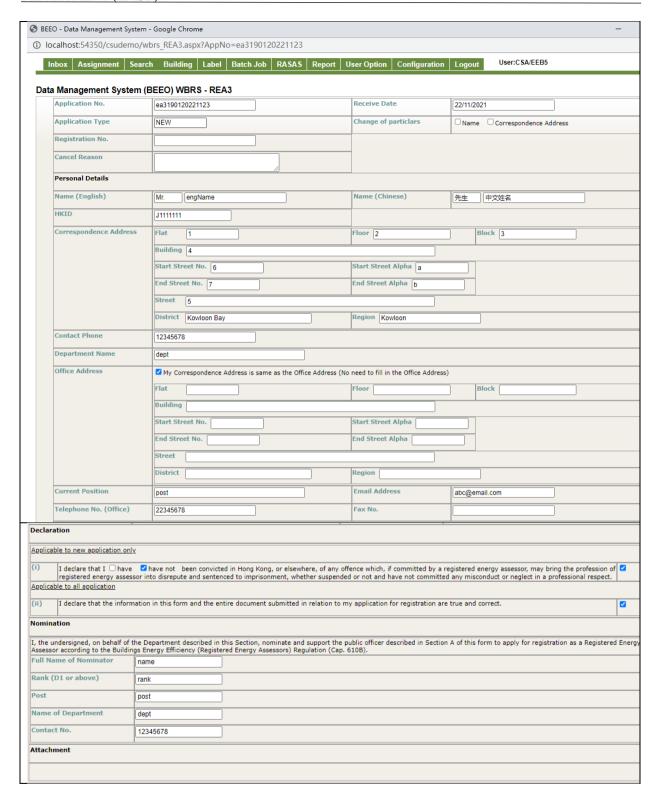
WBRS – REA3 Record Details				
Field	Type	Details		
Application No.	Textbox	WBRS Application Number		
Receive Date	Textbox			
Application Type	Textbox			
Change of Particulars	Checkbox	Options:		
		- Name		
		- Correspondence Address		
Registration No.	Textbox			
Cancel Reason	Textarea			
Personal Details	•			
Name (English)	Textbox	Salutation + English Name		
Name (Chinese)	Textbox	Salutation + Chinese Name		
Date of Birth	Textbox			
HKID	Textbox			
Correspondence Address	Label			
Flat	Textbox			
Floor	Textbox			
Block	Textbox			
Building	Textbox			
Start Street No.	Textbox			
Start Street Alpha	Textbox			
End Street No.	Textbox			
End Street Alpha	Textbox			
Street	Textbox			
District	Textbox			
Region	Textbox			
Contact Phone	Textbox			
Department Name	Textbox			
Office Address	Label			
Flat	Textbox			
Floor	Textbox			
Block	Textbox			
Building	Textbox			
Start Street No.	Textbox			
Start Street Alpha	Textbox			
End Street No.	Textbox			
End Street Alpha	Textbox			
Street	Textbox			
District	Textbox			
Region	Textbox			
Current Position	Textbox			
Email Address	Textbox			
Telephone No. (Office)	Textbox			

Fax No.	Textbox		
Declaration			
Applicable to new application only	Label		
(i) I declare that I have have not been convicted in Hong Kong, or elsewhere, of any offence which, if committed by a registered energy assessor, may bring the profession of registered energy assessor into disrepute and sentenced to imprisonment, whether suspended or not and have not committed any misconduct or neglect in a professional respect.	Checkbox		
(ii) I declare that I have / have not been convicted in Hong Kong, or elsewhere, of any offence which, if committed by a registered energy assessor, may bring the profession of registered energy assessor into disrepute and sentenced to imprisonment, whether suspended or not and have not committed any misconduct or neglect in a professional respect.	Checkbox		
Applicable to all application	Label		
(iii) I declare that the information in this form and the entire document submitted in relation to my application for registration are true and correct.	Checkbox		
Nomination			
I, the undersigned, on behalf of the Department described in this Section, nominate and support the public officer described in Section A of this form to apply for registration as a Registered Energy Assessor according to the Buildings Energy Efficiency (Registered Energy Assessors) Regulation (Cap. 610B).	Label		
Full Name of Nominator	Textbox		
Rank (D1 or above)	Textbox		
Post	Textbox		
Name of Department	Textbox		
Contact No.	Textbox		
Attachment			
Attachment	Grid	Name	Details
		File Name	File full name
		Туре	Options:
		-71-	- Submission Form

	- Acknowledgement Letter / Memo - Request for Supplementary Information Letter / Memo - Checklist for general Checking - Inspection Notice - Detailed Compliance Checklist - Inspection Report - Improvement Notice - Others - S29 Letter - Reminder letters - COCR certificate
Remark	- COCR certificate - EA form

# Screens Used:

Screen ID	ASS-008 View WBRS Records of REA3 (wbrs_REA3.aspx)	
Description	Show the WBRS Records of REA3 page	



#### Screen Navigation:

Screen ID	Called from	Calling
wbrs REA3.aspx	-	wbrs REA3.aspx

# 4.1.9 REQ-2001 Maintain REA Case

#### Program Environment:

<b>Function ID</b>	REQ-2001	<b>Function Name</b>	Maintain REA Case
Mode	Online/Update	Description	Maintain REA Case
Project	BEEO		
Source	Csudemo\searchCas	se.aspx	
	csudemo\csudemo\s	searchCase.aspx.vb	
	csudemo\csudemo\c	elsbuildSearch.vb	
	csudemo\csudemo\l	ouildentity.vb	
	csudemo\csudemo\Task.vb		
	csudemo\csudemo\clsJS.vb		
	csudemo\csudemo\multipleSearch.vb		
	csudemo\csudemo\clsJS.vb		
	csudemo\csudemo\clsFunc.vb		
	csudemo\csudemo \misc\MiscPRG.vb		
Language	VB.NET, Javascript		
Development	Visual Studio 2019		
Tools			
Platform	IIS		
Compiler	.net framework 4.6		

# **Amendment History:**

Change	Revision	Revision	Date
Number	Description	Number	
1	Revision 1.0	1.0	11 Feb 22

# File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_assignment					X
BEEODMS	tbl_assignment_additionInformation					X
BEEODMS	tbl_inbox					X
BEEODMS	tbl_building					X
BEEODMS	tbl_ProcessStatus					X
BEEODMS	tbl_SbmType					X
BEEODMS	tbl inbox					X

# Program Logic:

Object	Event	Validation / Action / Remarks
"Search" Button	On Click	If user wants to Search REA Case then
		Call searchCase. search () function for Search REA Case
		End If

# Validity Checking

Checking	Field
N/A	N/A

<u>Input Parameters / Method list of the class (searchCase.aspx.vb):</u>

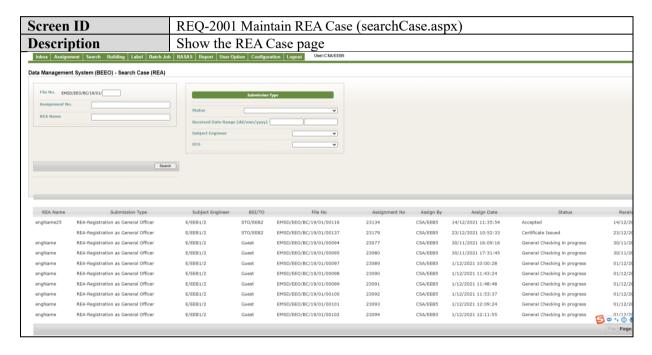
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Name	Return Type	<b>Description Text</b>
search	datatable	Load REA Case

#### Parameters of the method (search)

Name	Data Type	<b>Description Text</b>
assignmentID	String	Assignment ID
REAEngName	String	REA EngName
Status	Int	Status
ReceivedDate	String	ReceivedDate
Subject Engineer	String	Subject Engineer

#### Screens Used:



#### Screen Navigation:

Screen ID	Called from	Calling
searchCase.aspx	-	searchCase.aspx

# 4.1.10REQ-2003 Genereate REA E-Licence

# **Program Environment:**

<b>Function ID</b>	REQ-2003	<b>Function Name</b>	Genereate REA E-Licence
Mode	Online/Update	Description	Genereate REA E-Licence
Project	BEEO		
Source	Csudemo\REAMain.aspx		
	csudemo\csudemo\REAMain.aspx.vb		
	csudemo\csudemo\ELicence.vb		
	csudemo\csudemo\clsJS.vb		
	csudemo\csudemo \misc\MiscPRG.vb		
Language	VB.NET, Javascript,,		

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Development	Visual Studio 2019
Tools	
Platform	IIS
Compiler	.net framework 4.6

#### Amendment History:

Change	Revision	Revision	Date
Number	Description	Number	
1	Revision 1.0	1.0	11 Feb 22

# File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_sync_BEEO_FORMEA1					X
BEEODMS	tbl_sync_BEEO_FORMEA3					X
BEEODMS	tbl_assignment					X
BEEODMS	tbl_sbmREA					X
BEEODMS	tbl_ProcessStatus					X
BEEODMS	tbl_ELICENCE			X		X
BEEODMS	tbl_ACTION_LOG		X			X
BEEODMS	tbl_ProcessStatus					X
BEEODMS	tbl_SYS_PARAM					X

# Program Logic:

Object	Event	Validation / Action / Remarks
"Generate	On Click	If user wants to Genereate REA E-Licence then
Certificate"		Call REAMain.butdownload Click () function for Generate
Button		End If

# **Validity Checking**

Checking	Field
N/A	N/A

# Input Parameters / Method list of the class (REAMain.aspx.vb):

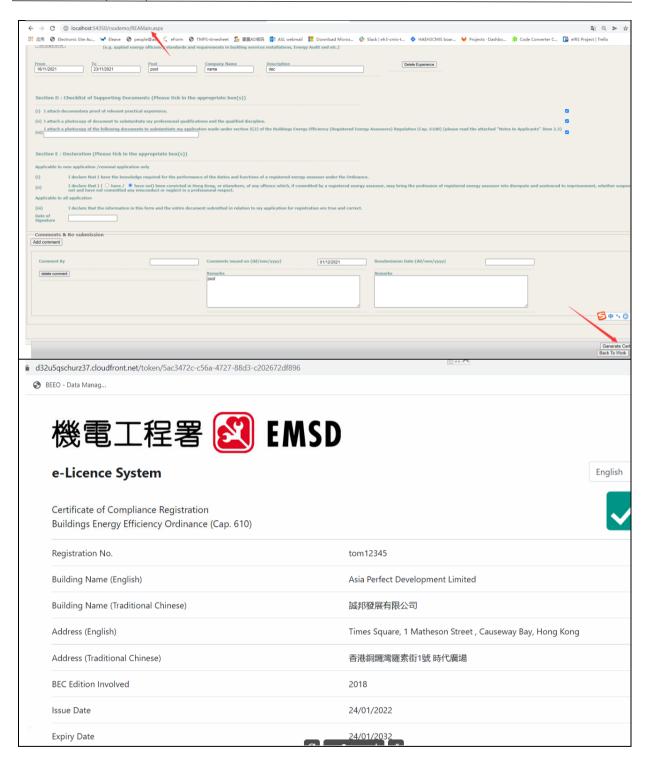
Name	Return Type	<b>Description Text</b>
butdownload	Bool	Genereate REA E-Licence

#### Parameters of the method (butdownload)

Name	Data Type	<b>Description Text</b>
REARegNo	String	REARegNo

#### Screens Used:

Screen ID	REQ-2003 Genereate REA E-Licence (REAMain.aspx)
Description	Genereate REA E-Licence



#### Screen Navigation:

Screen ID	Called from	Calling
REAMain.aspx	-	REAMain.aspx

# 4.1.11 REA-001 Maintain REA Registration

#### Program Environment:

<b>Function ID</b>	REA-001	<b>Function Name</b>	Maintain REA Registration
Mode	Online/Update	Description	Maintain REA Registration
Project	BEEO		
Source	Csudemo\SearchRE	A.aspx	
	csudemo\csudemo\S	SearchREA.aspx.vb	
	csudemo\csudemo\dsSearchREA.vb		
	csudemo\csudemo\clsJS.vb		
	csudemo\csudemo \misc\MiscPRG.vb		
Language	VB.NET, Javascript,,		
Development	Visual Studio 2019		
Tools			
Platform	IIS		
Compiler	.net framework 4.6		

# Amendment History:

Change	Revision	Revision	Date
Number	Description	Number	
1	Revision 1.0	1.0	11 Feb 22

# File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_REARegister					X

# Program Logic:

Object	Event	Validation / Action / Remarks	
"Search" Button	On Click	If user wants to Search REA Registration then	
		Call SearchREA.load_data () function for Search REA	
		Registration	
		End If	

# Validity Checking

Checking	Field
N/A	N/A

# <u>Input Parameters / Method list of the class (SearchREA.aspx.vb):</u>

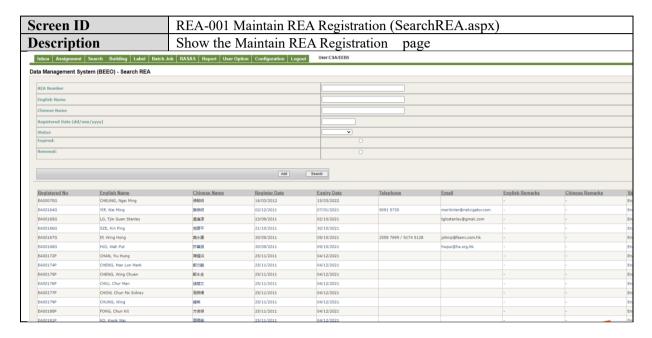
Name	Return Type	<b>Description Text</b>
load_data	datatable	Load REA Registration

# Parameters of the method (search)

Name	Data Type	<b>Description Text</b>
REARegno	String	REA Number
EngName	String	English Name

ChiName	Int	Chinese Name
RegDate	String	Registered Date (dd/mm/yyyy)
Status	Int	Status
RegDateFirst	String	Renewal
ExpiryDate	String	Expired

#### Screens Used:



# Screen Navigation:

Screen ID	Called from	Calling
SearchREA.aspx	-	SearchREA.aspx

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# 4.1.12REQ-3001 Maintain COCR Case

# **Program Environment:**

<b>Function ID</b>	REQ-3001	<b>Function Name</b>	Maintain COCR Case		
Mode	Online/Update	Description	Maintain COCR Case		
Project	BEEO				
Source	Csudemo\searchCase.aspx				
	csudemo\csudemo\s	csudemo\csudemo\searchCase.aspx.vb			
	csudemo\csudemo\c	elsbuildSearch.vb			
	csudemo\csudemo\t	ouildentity.vb			
	csudemo\csudemo\7	csudemo\csudemo\Task.vb			
	csudemo\csudemo\clsJS.vb				
	csudemo\csudemo\multipleSearch.vb				
	csudemo\csudemo\clsJS.vb				
	csudemo\csudemo\clsFunc.vb				
	csudemo\csudemo \misc\MiscPRG.vb				
Language	VB.NET, Javascript	t,,			
Development	Visual Studio 2019				
Tools					
Platform	IIS				
Compiler	.net framework 4.6				

# **Amendment History:**

Change	Revision	Revision	Date
Number	Description	Number	
1	Revision 1.0	1.0	11 Feb 22

# File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_assignment					X
BEEODMS	tbl_assignment_additionInformation					X
BEEODMS	tbl_inbox					X
BEEODMS	tbl_building					X
BEEODMS	tbl ProcessStatus					X
BEEODMS	tbl_SbmType					X
BEEODMS	tbl inbox					X

# Program Logic:

Object	Event	Validation / Action / Remarks	
"Search" Button	On Click	If user wants to Search COCR Case then	
		Call searchCase. search () function for Search COCR Case	
		End If	

# Validity Checking

Checking	Field
N/A	N/A

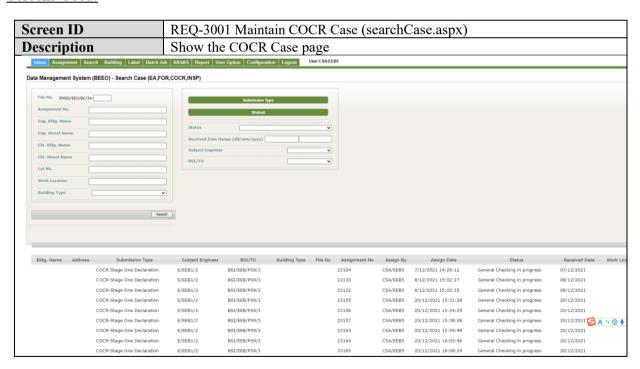
# <u>Input Parameters / Method list of the class (searchCase.aspx.vb):</u>

Name	Return Type	<b>Description Text</b>
search	datatable	Load COCR Case

#### Parameters of the method (search)

Name	Data Type	<b>Description Text</b>
assignmentID	String	Assignment No
blden.building	String	Eng. Bldg. Name
blden.street	Int	Eng. Street Name
blden.cbuilding	String	Chi. Bldg. Name
blden.cstreet	String	Chi. Street Name
blden.lotno	String	Lot No
WORK_LOC	String	Work Location
buildtypeid	Int	Building Type
StatusCode	Int	Status
ReceivedDate	String	Received Date Range
SubjectEngineer	String	Subject Engineer
SubjectInspector	String	BSI/TO
SubmissionType	String	Submission Type

#### Screens Used:



## Screen Navigation:

Screen ID	Called from	Calling
searchCase.aspx	-	searchCase.aspx

# 4.1.13REQ-3003 Genereate COCR E-Licence

# **Program Environment:**

<b>Function ID</b>	REQ-3003	<b>Function Name</b>	Genereate COCR E-Licence
Mode	Online/Update	Description	Genereate COCR E-Licence
Project	BEEO		
Source	Csudemo\COCRMa	in.aspx	
	csudemo\csudemo\	COCRMain.aspx.v	b
	csudemo\csudemo\l	ELicence.vb	
	csudemo\csudemo\clsJS.vb		
	csudemo\csudemo \misc\MiscPRG.vb		
Language	VB.NET, Javascript,,		
Development	Visual Studio 2019		
Tools			
Platform	IIS		
Compiler	.net framework 4.6		

# **Amendment History:**

Change	Revision	Revision	Date
Number	Description	Number	
1	Revision 1.0	1.0	11 Feb 22

# File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_sync_BEEO_FORMEE1					X
BEEODMS	tbl_sync_BEEO_FORMEE2					X
BEEODMS	tbl_sync_BEEO_FORMEE3					X
BEEODMS	tbl_sync_BEEO_FORMEE4					X
BEEODMS	tbl assignment					X
BEEODMS	tbl_sbmCOCR					X
BEEODMS	tbl_ProcessStatus					X
BEEODMS	tbl_ELICENCE			X		X
BEEODMS	tbl_ACTION_LOG		X			X
BEEODMS	tbl_ProcessStatus					X
BEEODMS	tbl_SYS_PARAM					X

# Program Logic:

Object	Event	Validation / Action / Remarks		Validation / Action / Remarks		
"Generate	On Click	If user wants to Genereate COCR E-Licence then				
Certificate"		Call COCRMain.butdownload_Click () function for				
Button		Generate				
		End If				

# Validity Checking

Checking	Field
N/A	N/A

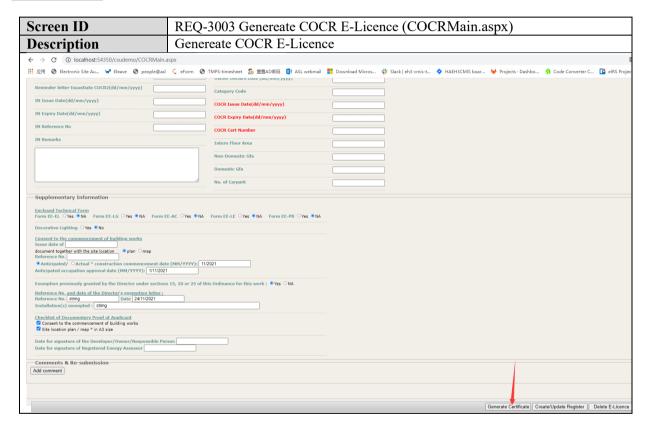
## Input Parameters / Method list of the class (COCRMain.aspx.vb):

Name	Return Type	<b>Description Text</b>	
butdownload	Bool	Genereate COCR E-Licence	

#### Parameters of the method (butdownload)

Name	Data Type	<b>Description Text</b>
COCR_CertNo	String	COCR CertNo

#### Screens Used:



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#### Screen Navigation:

Screen ID	Called from	Calling
COCRMain.aspx	-	COCRMain.aspx

# 4.1.14 COCR-001 Maintain COCR Registration

#### **Program Environment:**

<b>Function ID</b>	COCR-001	<b>Function Name</b>	Maintain COCR Registration
Mode	Online/Update	Description	Maintain COCR Registration
Project	BEEO		
Source	Csudemo\searchCO	CRRegistry.aspx	
	csudemo\csudemo\	searchCOCRRegis	try.aspx.vb
	csudemo\csudemo\	clsbuildSearch.vb	
	csudemo\csudemo\	Task.vb	
	csudemo\csudemo\ clsJS.vb		
	csudemo\csudemo\ clsFunc.vb		
	csudemo\csudemo\	*	
	csudemo\csudemo\	•	
	csudemo\csudemo \	misc\MiscPRG.vb	
Language	VB.NET, Javascript	ţ.,,	
Development	Visual Studio 2019		
Tools			
Platform	IIS		
Compiler	.net framework 4.6		

## **Amendment History:**

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Change	Revision	Revision	Date
Number	Description	Number	
1	Revision 1.0	1.0	11 Feb 22

# File Usage:

Database	Table Name	Alias	Insert	Update	Delete	Enquiry
BEEODMS	tbl_COCR_Register					X
BEEODMS	BuildingMaster					X
BEEODMS	tbl sbmCOCR					X

# Program Logic:

Object	Event	Validation / Action / Remarks
"Search" Button	On Click	If user wants to Search COCR Registration then
		Call searchCOCRRegistry.load data () function for Search
		COCR Registration
		End If

# Validity Checking

Checking	Field
N/A	N/A

# <u>Input Parameters / Method list of the class (searchCOCRRegistry.aspx.vb):</u>

Name	Return Type	<b>Description Text</b>
load_data	datatable	Load REA Registration

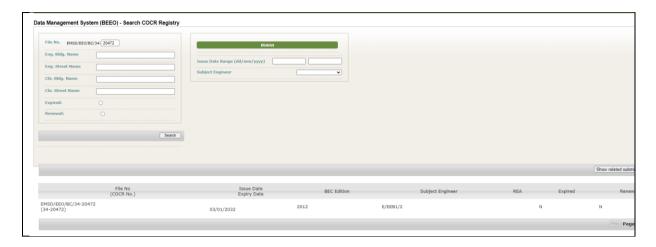
# Parameters of the method (search)

Name	Data Type	<b>Description Text</b>
CASENO	String	File No.
blden.building	String	Eng. Bldg. Name
blden.street	String	Eng. Street Name
blden.cbuilding	String	Chi. Bldg. Name
blden.cstreet	String	Chi. Street Name
Expired	String	Expired
Renewal	String	Renewal
issuedate	String	Issue Date Range (dd/mm/yyyy)
ta.SubjectEngineer	String	Subject Engineer
District	String	District

# Screens Used:

Screen ID	COCR-001 Maintain COCR Registration (searchCOCRRegistry.aspx)
Description	Show the Maintain COCR Registration page

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# Screen Navigation:

Screen ID	Called from	Calling
searchCOCRRegistry.aspx	-	searchCOCRRegistry.aspx

# 4.2 REPORTS

N/A

# 4.3 COMMON UTILITIES

N/A

PROGRAM MANUAL ON DATA MANAGEMENT SYSTEM FOR BUILDINGS ENERGY EFFICIENCY
ORDINANCE FOR ENERGY EFFICIENCY OFFICE OF ELECTRICAL AND MECHANICAL SERVICES
DEPARTMENT (EMSD)

# 5 APPENDIX

N/A

- End of Document -

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