UI (User Interface) Settings Tab

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The UI Settings Tab is where we set generated User Interface-specific information such as the ASP.NET MVC views file naming and views to generate.

The	mes											
0	JQueŋ	y UI:	Redmo	nd ~								
Ø	Views	s to Gen	erate			ames						
0	🗹 Lis	t with Add	l, Edit Re	edirect, & De	elete		ListCrud	Redirect				
0	🗹 Ad	ld New Re	ecord				Add					
0	🗹 Up	odate Rec	ord				Update					
0	🗹 Re	ecord Deta	ails (Rea	d-Only)			Details					
0	🗹 Lis	t (Read-O	nly)				ListRead	dOnly				
Ø	🗹 Lis	t with Add	l, Edit, &	Delete (San	ne Page)							
Ø	🗹 Lis	t with Gro	uping				ListGrou	ipedBy				
Ø	🗹 Lis	t with Tot	als				List Totals List TotalsGroupedBy					
Ø	🗹 Lis	t with Tot	als and (Grouping								
0	🗹 Lis	t with Sea	arch				ListSearch					
Ø	🗹 Lis	t Scroll-Lo	ad Data	1			List Scroll Load					
0	🗹 Lis	t with Inlin	ne Add &	Edit			e					
0	🗹 Lis	t with Ma	nual Fore	each			ListFore	ach	1			
0	🗹 Lis	t with Ma	ster Deta	ail (Grid)			ListMast	terDetailGrid	Ву			
0	🗹 Lis	t with Ma	ster Deta	ail (Sub Grid)			ListMast	terDetailSub(GridBy			
0	🗹 Lis	st with Mul	tiple Del	ete			ListMultipleDelete					
0	🗹 Lis	t by Forei	gn Key				ListBy					
Ø	🗹 Un	bound Vi	ew				Unboun	d				
bout	Close	•		G	ienerate	Code	for All	Tables				

1 THEMES

Themes are used for theming ASP.NET user interface and HTML controls such as an input, select, label, dialog, datepicker (input) tags to name a few.

1.1 JQUERY UI

JQuery UI is a 3rd party plugin. JQuery UI is describe as "...a curated set of user interface interactions, effects, widgets, and themes built on top of the jQuery JavaScript Library". For more information on JQuery UI, please visit their web site at: <u>https://jqueryui.com/</u>.

Ther	nes		
0	JQuery UI:	Redmond	\sim

We use 23 JQuery UI themes. The *Redmond* theme is used the default, however, you can choose which theme you would like to use in the drop down list shown below.



JQuery UI Themes

Here is a preview of some of the *JQuery UI* themes we use in the generated code. For more information on how each one of the JQuery UI theme looks like, please go to

https://junnark.com/Products/AspCoreGen3MVC/GeneratedPresentationLayer to see all 23 JQuery UI themes.

List of Product	5	List of Products		List of Products	
Product ID 🗢	Product Name	Product ID ≑	Product Name	Product ID 🗢	Product Name
	1 Chai		1 Chai		1 Chai
:	2 Chang		2 Chang		2 Chang
	3 Aniseed Syrup		3 Aniseed Syrup		3 Aniseed Syrup
	4 Chef Anton's Cajun :		4 Chef Anton's Cajun Se		4 Chef Anton's Cajun S
	5 Chef Anton's Gumbo		5 Chef Anton's Gumbo N		5 Chef Anton's Gumbo
	5 Grandma's Boysenb		6 Grandma's Boysenberr		6 Grandma's Boysenbe
	7 Uncle Bob's Organic		7 Uncle Bob's Organic D		7 Uncle Bob's Organic
BLACK-TIE		BLIZTZER List of Products		CUPERTINO	
BLACK-TIE	5 Product Name	BLIZTZER	Product Name	CUPERTINO	Product Name
BLACK-TIE	5 Product Name 1 Chai	BLIZTZER	Product Name 1 Chai	CUPERTINO	Product Name 1 Chai
BLACK-TIE	s Product Name 1 Chai 2 Chang	BLIZTZER	Product Name 1 Chai 2 Chang	CUPERTINO	Product Name 1 Chai 2 Chang
BLACK-TIE	5 Product Name I Chai 2 Chang 3 Aniseed Syrup	BLIZTZER	Product Name 1 Chai 2 Chang 3 Aniseed Syrup	CUPERTINO	Product Name 1 Chai 2 Chang 3 Aniseed Syrup
BLACK-TIE	9 Product Name 1 Chai 2 Chang 3 Aniseed Syrup 4 Chef Anton's Cajun :	BLIZTZER	Product Name 1 Chai 2 Chang 3 Aniseed Syrup 4 Chef Anton's Cajun Se	CUPERTINO	Product Name 1 Chai 2 Chang 3 Aniseed Syrup 4 Chef Anton's Cajun S
BLACK-TIE	Froduct Name I Chai Chang Aniseed Syrup Chef Anton's Cajun Chef Anton's Gumbc	BLIZTZER	Product Name Chai Chai Chang Aniseed Syrup Chef Anton's Cajun Se S Chef Anton's Gumbo M	CUPERTINO	Product Name 1 Chai 2 Chang 3 Aniseed Syrup 4 Chef Anton's Cajun S 5 Chef Anton's Gumbo
BLACK-TIE	Froduct Name I Chai Chang Aniseed Syrup Chef Anton's Cajun Chef Anton's Gumbc Grandma's Boysenb	BLIZTZER	Product Name Product Name Chai Chai Chang Aniseed Syrup Chef Anton's Cajun Se Chef Anton's Gumbo N G Grandma's Boysenben	CUPERTINO	Product Name 1 Chai 2 Chang 3 Aniseed Syrup 4 Chef Anton's Cajun S 5 Chef Anton's Gumbo 6 Grandma's Boysenbe
BLACK-TIE	5 Product Name 1 Chai 2 Chang 3 Aniseed Syrup 4 Chef Anton's Cajun 5 Chef Anton's Gumbo 5 Grandma's Boysenb 7 Uncle Bob's Organic	BLIZTZER	Product Name 1 Chai 2 Chang 3 Aniseed Syrup 4 Chef Anton's Cajun Se 5 Chef Anton's Gumbo N 6 Grandma's Boysenben 7 Uncle Bob's Organic D	CUPERTINO	Product Name 1 Chai 2 Chang 3 Aniseed Syrup 4 Chef Anton's Cajun S 5 Chef Anton's Cumbo 6 Grandma's Boysenbe 7 Uncle Bob's Organic

2 VIEWS TO GENERATE

A list of ASP.NET MVC *Views* that can be generated by AspCoreGen 3.0 MVC. Each MVC view can be selected (checked) to signal code generation for the respective view. All views are checked by default.

Note: The *View Names* to the right of each MVC view is directly related to the later. E.g. *the List with Add, Edit, Redirect & Delete* view will be generated with an MVC view name: *ListCrudRedirect*.cshtml.

0	Views to Generate
-	
0	List with Add, Edit Redirect, & Delete
0	Add New Record
Ø	Update Record
0	Record Details (Read-Only)
0	List (Read-Only)
0	☑ List with Add, Edit, & Delete (Same Page)
Ø	✓ List with Grouping
0	✓ List with Totals
Ø	☑ List with Totals and Grouping
Ø	✓ List with Search
Ø	☑ List Scroll-Load Data
Ø	List with Inline Add & Edit
Ø	🗹 List with Manual Foreach
0	☑ List with Master Detail (Grid)
0	☑ List with Master Detail (Sub Grid)
0	✓ List with Multiple Delete
0	✓ List by Foreign Key
Ø	Unbound View

2.1 LIST WITH ADD, EDIT REDIRECT & DELETE

A view with a list of items shown in a grid with CRUD functionality. Adding or updating an item redirects to another page (*Add New Record* and *Update Record* shown below respectively).

List of Products Add New Item redirects to another page Delete an Item w/ Confirmation															
Add New Produc	Add New Products Sort Ascending or Descending Edit Existing Item redirects to another page														
List of Produc															
Product ID	Product Name	Supplier ID	Category ID	Quantity Per Unit	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued	0	У				
	Chai	1	1	10 boxes x 20 bags	\$18.00	39	0	10		(🖉)	(📸)				
2	Chang	1	1	24 - 12 oz bottles	\$19.00	17	40	25		\checkmark	Y				
3	Aniseed Syrup	1	2	12 - 550 ml bottles	\$10.00	13	70	25		0					
4	Chef Anton's Cajun S	2	2	48 - 6 oz jars	\$22.00	53	0	0		0	1				
5	Chef Anton's Gumbo	2	2	36 boxes	\$21.35	0	0	0	\checkmark	0	1				
6	Grandma's Boysenbe	3	2	12 - 8 oz jars	\$25.00	120	0	25		0	1				
7	Uncle Bob's Organic	3	7	12 - 1 lb pkgs.	\$30.00	15	0	10		0	1				
8	Northwoods Cranber	3	2	12 - 12 oz jars	\$40.00	б	0	0		0	1				
9	Mishi Kobe Niku	4	6	18 - 500 g pkgs.	\$97.00	29	0	0	\checkmark	0	1				
10	Ikura	4	8	12 - 200 ml jars	\$31.00	31	0	0		0	1				
				- IA - KA Page	of 19 🕨 🕨	10 🗸			View 1	- 10 0	186				
		Page Cont	rols: First, Previou	us, Jump to a Spec	ific Page, Next, La	st, and Number o	f Items per Page	Total	Number of Reco	rds	\sim				

- Contains a JQgrid control that has CRUD (Create, Retrieve, Update, Delete) functionality.
- o Adding a new record redirects to another page
- Updating an existing record redirects to another page
- o Delete functionality uses a JQuery UI Pop-up for delete confirmation
- o JQgrid control shows Sort Direction Image in the header
- o JQgrid uses Paging in the footer
- o List retrieves data on demand using Skip/Take logic
- \circ Uses JSON to retrieve small amounts of data for every page or sort operation
- One ASP.NET Core 3.1 View is generated per table

2.2 ADD NEW RECORD

A view with validated input controls used for adding a new record.

Note: The Add New Record view shares the same user interface as the Update Record view, sharing the same Partial View. One of the primary difference between the two is the title/label, one says "Add Record", the other "Update Record".

А	dd Re	core	d								
							Fo	reigr	ey Field (Field with Data	a)	
JQuery UI Themes Add Record Customer ID: Employee ID: Order Date: Required Date: Shipp Ota: Freight: Ship Name: Ship Address: Ship City: Ship Badress:	Product Supplie Quanti Unit Pr Units In Sele Sup Su Su Su Su	t Name r ID: ry ID: ty Per ice: <u>n Stock</u> cct On cct On No Mo 6 13 20 20	e e tover Tu 7 14 21 28	* Sel Sel Sel 9999 9999 We 1 8 15 22 22	2011 Th 2 16 23 30	7 Fr 3 10 17 24	0 Sa 4 11 18 25		Cancel Product N	kame is required itack must be a validi order must be be order must be a vi- evel must be a r Record soluct Name: aptier ID: tegory ID: antity Per Unit: its In Stock: its In Stock: its On Order:	Client-side Validation Idecimal: Idecimal: Inter-12768 and 32767 number! Foreign Key Field (Field with Data) Foreign Key Field (Field with Data) Foreign Groweries Cooperativa de Quesos Las Cabras' Escargots Nouveaux Exotic Liquids Formagi Fortini s.r.L. Gai păturase.
Ship Postal Coc	le:	21	28	29	30			닉			

- o Contains JQuery Validation
- o Contains JQuery UI Date Controls for date fields
- o Contains bound Select Tag for foreign fields
- You can get here from the *List with Add, Edit Redirect, & Delete* View when clicking the *Add New Record* link
- One ASP.NET Core 3.1 View is generated per table

2.3 UPDATE RECORD

A view with validated input controls used for updating an existing record.

Note: The Update Record view shares the same user interface as the Add New Record view, sharing the same Partial View. One of the primary difference between the two is the title/label, one says "Add Record", the other "Update Record".

- o Contains JQuery Validation
- o Contains JQuery UI Date Controls for date fields
- o Contains bound Select Tag for foreign fields
- You can get here from the *List with Add, Edit Redirect, & Delete* View when clicking the *Edit/Pencil Icon* link
- One ASP.NET Core 3.1 View is generated per table

2.4 RECORD DETAILS (READ ONLY)

A view with read-only details of a record.

Supplier ID:	2
Company Name:	New Orleans Cajun Delights
Contact Name:	Shelley Burke
Contact Title:	Order Administrator
Address:	P.O. Box 78934
City:	New Orleans
Region1:	LA
Postal Code:	70117
Country:	USA
Phone:	(100) 555-4822
Fax:	
Home Page:	#CAJUN.HTM#
Return Re	etums to the last page

- Shows details of a record (Read-Only)
- You can get here from the *List (Read-Only)* View when clicking the foreign key links

Record Details

• One ASP.NET Core 3.1 View is generated per table

2.5 LIST (READ-ONLY)

A view with a list of items shown in a grid. No CRUD functionality.

List of Produ	cts								
Sort Ascending o	Descending	Link to Foreig	ın Field's Details P	age					
List of Product			/						0
Product II 🗢	Product Name	Supplier ID	Category ID	Quantity Per Unit	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued
	Chai		1	10 boxes x 20 bags	\$18.00	39	0	10	
2	Chang			24 - 12 oz bottles	\$19.00	17	40	25	
3	Aniseed Syrup	$\mathbf{\nabla}$	2	2 - 550 ml bottles	\$10.00	13	70	25	
4	Chef Anton's Cajun Se	2	\mathbf{Y}	48 - 6 oz jars	\$22.00	53	0	0	
5	Chef Anton's Gumbo I	2	2	36 boxes	\$21.35	0	0	0	\checkmark
6	Grandma's Boysenber	<u>3</u>	2	12 - 8 oz jars	\$25.00	120	0	25	
7	Uncle Bob's Organic D	3	Z	12 - 1 lb pkgs.	\$30.00	15	0	10	
8	Northwoods Cranberr	<u>3</u>	<u>2</u>	12 - 12 oz jars	\$40.00	6	0	0	
9	Mishi Kobe Niku	4	<u>6</u>	18 - 500 g pkgs.	\$97.00	29	0	0	\checkmark
10	Ikura	4	<u>8</u>	12 - 200 ml jars	\$31.00	31	0	0	
				🖂 🖂 🛛 Page 1	of 19 🕨 🖬 10 🗸]			View 1 - 10 o 186
		Page Control	s: First, Previous, J	ump to a Specific	Page, Next, Last, an	d Number of Items	per Page	Total Number	of Records

- Contains a JQgrid Control. No CRUD functionality (read-only).
- A link to the *Record Details* page is provided for all Foreign Key columns (for details on the foreign key)
- o JQgrid control shows Sort Direction Image in the header
- o JQgrid uses Paging in the footer
- List retrieves data on demand using Skip/Take logic
- \circ $\;$ Uses JSON to retrieve small amounts of data for every page or sort operation
- One ASP.NET Core 3.1 View is generated per table

2.6 LIST WITH ADD, EDIT, & DELETE (SAME PAGE)

A view with a list of items shown in a grid with CRUD functionality. A pop-up shows when adding or updating an item.

Add New opi Modal	List of Products Add New Products Add New Products Add New Product 10 Product	Add New Products Product Name: Supplier ID: Category ID: Quantity Per Unit: Unit In Stock: Units In Stock: Units On Order: Reorder Level: Discontinued:	Select One Select One a 999999 d e Add Cancel	Product Name is required! Foreign Key Field Filled w/ Data Unit Price must be a valid decimal! Units in Stock must be between -32768 and 32767 Units On Order must be a number! Reorder Level must be a number! Client-side Validation	Edit Existing Item Unk opens Modal Pop Up Discontinued
Mod when A Upda	al Pop Up opens Idding New Item or ting Existing Item	-			Total Number of Records

- o Contains a JQgrid Control that has CRUD (Create, Retrieve, Update, Delete) functionality.
- o Add a new record on the same page with JQuery dialog with validation
- o Update an existing record on the same page with JQuery dialog with validation
- o Delete functionality uses a JQuery UI Pop-up for delete confirmation

- o JQgrid control shows Sort Direction Image in the header
- o JQgrid uses Paging in the footer
- \circ $\;$ List retrieves data on demand using Skip/Take logic
- \circ $\;$ Uses JSON to retrieve small amounts of data for every page or sort operation
- One ASP.NET Core 3.1 View is generated per table

2.7 LIST WITH GROUPING

A view with a list of grouped items (e.g. Employees by DepartmentID). No CRUD functionality.

List of F	Products By Catego	ries							
Sort Ascen	iding or Descending	Listed in Groupi	ng						
List of Proc	ducts By Categories	1							G
Product	D Product Hame	Supplier ID	Category ID	Quantity Per Unit	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued
Beverages	s (2 ftems)								
	1 Chai	1	1	10 boxes x 20 bags	\$18.00	39	0	10	
	2 Chang	1	1	24 - 12 oz bottles	\$19.00	17	40	25	
🖸 Condimen	its (ditems)								
	3 miseed Syrup	1	2	12 - 550 ml bottles	\$10.00	13	70	25	
	4 Chef Anton's Cajun Se	2	2	48 - 6 oz jars	\$22.00	53	0	0	
	5 Chef Anton's Gumbo I	2	2	36 boxes	\$21.35	0	0	0	1
	6 Grandma's Boysenberi	3	2	12 - 8 oz jars	\$25.00	120	0	25	
produce (1	1 items)								
	7 Uncle Bob's Organic D	3	7	12 - 1 lb pkgs.	\$30.00	15	0	10	
🖸 Condimen	its (1 items)								
	8 Northwoods Cranberr	3	2	12 - 12 oz jars	\$40.00	6	0	0	
Meat/Poul	ltry (1 items)								
	9 Mishi Kobe Niku	4	6	18 - 500 g pkgs.	\$97.00	29	0	0	1
Seafood (1	l items)								
	10 Ikura	4	8	12 - 200 ml jars	\$31.00	31	0	0	
				🖂 🛹 Page 1 0	of 19 🌬 🖬 10 🗸]			View 1 - 10 of 180
		Page Controls: Fi	rst, Previous, Jum	p to a Specific Pag	ge, Next, and Last a	nd Number of Item	ns per Page	Total Number	of Records

- Contains a JQgrid Control. No CRUD functionality (read-only).
- Shows grouping by the respective group
- Shows count per respective group
- o Collapsible or expandable grid per group
- o E.g. List of Orders by Shipper, List of Territories by Region
- o JQgrid control shows Sort Direction Image in the header
- JQgrid uses Paging in the footer
- List retrieves data on demand using Skip/Take logic
- Uses JSON to retrieve small amounts of data for every page or sort operation
- One ASP.NET Core 3.1 View is generated for each table referencing the current table

2.8 LIST WITH TOTALS

A view with a list of items with totals in the footer shown in a grid. No CRUD functionality.

ist of Produ	cts								
	Sort Ascending	or Descending							
List of Products						1			
Product I	Product Name	Supplier ID	Category ID	Quantity Per Unit	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued
U 1	Chai	1	1	10 boxes x 20 bags	\$18.00	39	0	10	
2	Chang	1	1	24 - 12 oz bottles	\$19.00	17	40	25	
3	Aniseed Syrup	1	2	12 - 550 ml bottles	\$10.00	13	70	25	
4	Chef Anton's Cajun Se	2	2	48 - 6 oz jars	\$22.0	53	0	0	
5	Chef Anton's Gumbo I	2	2	36 boxes	\$21.5	0	0	0	\checkmark
6	Grandma's Boysenber	3	2	12 - 8 oz jars	\$25,00	120	0	25	
7	Uncle Bob's Organic D	3	7	12 - 1 lb pkgs.	\$39.00	15	0	10	
8	Northwoods Cranberry	3	2	12 - 12 oz jars	\$40.00	6	0	0	
9	Mishi Kobe Niku	4	6	18 - 500 g pkgs.	\$97.00	29	0	0	\checkmark
10	Ikura	4	8	12 - 200 ml jars	31.00	31	0	0	
					\$313.35				
				🛯 🛹 🛛 Page 🚺 of	f19 🕨 🖬 10 🗸				View 1 - 10 o 18
		Page Controls	s: First, Previous, Ju	ump to a Specific P	age, Next, Last and	Number of Items	per Page	Total Numbe	er of Records

- Contains a JQgrid Control. No CRUD functionality (read-only). 0
- Shows totals on the footer for money fields 0
- JQgrid control shows Sort Direction Image in the header 0
- JQgrid uses Paging in the footer 0
- List retrieves data on demand using Skip/Take logic 0
- Uses JSON to retrieve small amounts of data for every page or sort operation Ο
- One ASP.NET Core 3.1 View is generated for tables that have money data fields only 0

2.9 LIST WITH TOTALS AND GROUPING

A view with a list of grouped items (e.g. Employees by DepartmentID) with total count per group in the footer. No CRUD functionality.



Page Controls: First, Previous, Jump to a Specific Page, Next, Last and Number of Items per Page

- Contains a JQgrid Control. No CRUD functionality (read-only). 0
- Shows grouping by the respective group 0
- Shows count per respective group 0
- Collapsible or expandable grid per group
- E.g. List of Orders by Shipper, List of Territories by Region Ο
- JQgrid control shows Sort Direction Image in the header 0
- JQgrid uses Paging in the footer 0
- List retrieves data on demand using Skip/Take logic 0
- Uses JSON to retrieve small amounts of data for every page or sort operation 0
- Shows totals on the footer of each group for money fields 0
- One ASP.NET Core 3.1 View is generated for tables that have money data fields only 0

2.10 LIST WITH SEARCH

A view with a list of items shown in a grid with CRUD and Search functionality. You can filter grid results by entering values in the input controls show on the header.

List of Produ	cts								
	S	ort Ascending or D	escending	Foreign Key Fie	eld Field w/ Data		Search Controls	Inline	
List of Products									Θ
Product ID	Product Name	Supplier ID	Category ID	Quantity Per Unit	Unit Price	Units In Stock	Units Or Order	Reorder Level	Discontinued
x	x	 Image: A start of the start of	2	12 ×	x	x	x	x	\checkmark
3	Aniseed Syrup	1	2	12 - 550 ml bottles	\$10.00	13	70	25	False
б	Grandma's Boysenber	3	2	12 - 8 oz jars	\$25.00	120	0	25	False
8	Northwoods Cranberr	3	2	12 - 12 oz jars	\$40.00	6	0	0	False
77	Original Frankfurter g	12	2	12 boxes	\$13.00	32	0	15	False
				ra ka Page 1	of 1 🕞 🕨 🖬 10 🗸				View 1 - 4 of 4
		Page Conti	rols: First, Previous,	, Jump to a Specifi	c Page, Next, Last, a	ind Number of Iter	ns per Page	Total Numb	per of Records

- Contains a JQgrid Control. No CRUD functionality (read-only).
- o Contains search functionality in the header of each searchable column
- o Search uses the "AND" operator to satisfy all search filters
- o JQgrid control shows Sort Direction Image in the header
- JQgrid uses Paging in the footer
- o List retrieves data on demand using Skip/Take logic
- \circ $\;$ Uses JSON to retrieve small amounts of data for every page or sort operation
- One ASP.NET Core 3.1View is generated per table

2.11 LIST WITH SCROLL-LOADING DATA

A view with a list of items shown in a grid. No CRUD functionality. Items are dynamically paged as you scroll through the grid.

List	of Product	s			Foreign Key Fi	elds redirects					
		S	ort Ascending or I	Descending	to Detai	ls Page			Scroll to	Load More Da	ata
List	of Products				1						0
	Product II 🗢	Product Name	Supplier ID	Category ID	Quanticy Per Unit	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued	4
40	40	Boston Crab Meat	<u>19</u>	8	24 - 4 oz tins	\$18.40	123	0	30		
41	41	Jack's New England C	<u>19</u>	8	12 - 12 oz cans	\$9.65	85	0	10		
42	42	Singaporean Hokkien	20	5	37 - 1 kg pkgs.	\$14.00	26	0	0	\checkmark	
43	43	Ipoh Coffee	(20)) <u> </u>	16 - 500 g tins	\$45.00	17	10	25		
44	44	Gula Malacca	20	2	20 - 2 kg bags	\$19.45	27	0	15		
45	45	Rogede sild	<u>21</u>	8	1 k pkg.	\$9.50	5	70	15		
46	46	Spegesild	21	<u>8</u>	4 - 450 g glasses	\$12.00	95	0	0		
47	47	Zaanse koeken	<u>22</u>	3	10 - 4 oz boxes	\$9.50	36	0	0		
48	48	Chocolade	22	3	10 pkgs.	\$12.75	15	70	25		
49	49	Maxilaku	<u>23</u>	3	24 - 50 g pkgs.	\$20.00	10	60	15		
50	50	Valkoinen suklaa	<u>23</u>	3	12 - 100 g bars	\$16.25	65	0	30		\sim
51	51	Maniimun Dried Annl	24	7	50 - 300 a nkas	\$53.00	20	0	10	View 1 - 60	0(186)
									Total Numbe	er of Records	\sim

- Contains a JQgrid Control. No CRUD functionality (read-only).
- Data dynamically loads as you scroll through the list.
- JQgrid control shows Sort Direction Image in the header
- No paging controls in the botton of JQGrid
- List retrieves data on demand using Skip/Take logic
- o Uses JSON to retrieve small amounts of data for every page or sort operation
- One ASP.NET Core 3.1 View is generated per table

2.12 LIST WITH INLINE ADD AND EDIT

A view with a list of items shown in a grid with CRUD functionality. Add a new record and update an existing item in line with the grid.

List of Prod	ucts Add	New Item Link								Inline Can	cel But	tton
Add New Produ	<u>icts</u>	Sort Ascen	ding or Descend	ding			Inline	Form Controls	Inline S	ave Button	\backslash	
List of Products												0
Product II 🗢	Product Name	Supplier ID	Category ID	Quar	tity Fer Unit	Unit Price	Units In Stock	Units OL Order	Reorder Level	Discontinued		
\smile	Whatever					123.00	456	0	0		Ø	Θ
1	Chai	2 - New Orleans Caju	n Delights		es x 20 bags	\$18.00	39	0	10	False		
2	2 Chang	3 - Grandma Kellys H 4 - Tokyo Traders	omestead		oz bottles	\$19.00	17	40	25	False		
	Aniseed Syrup	5 - Cooperativa de Q	uesos Las Cabras		0 ml bottles	\$10.00	13	70	25	False		
4	Chef Anton's Cajun S	7 - Pavlova Ltd			oz jars	\$22.00	53	0	0	False		
5	Chef Anton's Gumbo	8 - Specialty Biscuits 9 - PB Knckehrd AB	Ltd		es	\$21.35	0	0	0	True		
e	ö Grandma's Boysenbe	10 - Refrescos Ameri	canas LTDA		oz jars	\$25.00	120	0	25	False		
7	Uncle Bob's Organic	12 - Plutzer Lebensm	ittelgromrkte AG		b pkgs.	\$30.00	15	0	10	False		
Ę	Northwoods Cranber	13 - Nord-Ost-Fisch H	iandelsgesellschaft i i srl	mbH	oz jars	\$40.00	6	0	0	False		
ç	Mishi Kobe Niku	15 - Norske Meierier			0 g pkgs.	\$97.00	29	0	0	True		
10) Ikura	17 - Svensk Sjfda AB	s		0 mljars	\$31.00	31	0	0	False		
		18 - Aux joyeux eccle 19 - New England Ser	siastiques afood Cannery		Page	1 of 19 🕨 🖬	10 -			View	1 - 11 0	f 187
		20 - Leka Trading				1						
Foreign Key Fie	ld w/ Data	22 - Zaanse Snoepfal 23 - Karkki Oy 24 - Gday Mate 25 - Ma Malson 26 - Pasta Buttini srl 27 - Escargots Nouve 28 - Gai pturage 29 - Forts drables	ariek aux		Page C Jump t Next, L	ontrols: First, Prev o a Specific Page, ast, and Number (vious, of Items per Page					

- Contains a JQgrid Control.
- \circ $\;$ Add a new record on the same page inline the header of the List.
- o Update an existing record inline on the same page
- o Delete funtionality uses a JQuery UI Pop-up for delete confirmation
- o JQgrid control shows Sort Direction Image in the header
- o JQgrid uses Paging in the footer
- List retrieves data on demand using Skip/Take logic
- Uses JSON to retrieve small amounts of data for every page, and sort operation
- o One ASP.NET Core 3.1 View is generated per table

2.13 List with Manual For Each Loop

A view with a list of manually-looped items shown in a grid with CRUD functionality. Adding or updating an item redirects to another page.

List of Pro	ducts Add New Item	Link		Link to For	eian Field's I	Details Page		Delete a	an Item w/ Con	ifirma	tior
Add New Pro	ducts Sor	Ascending o	or Descending		1	seansrage		Edit Exist	ing Item	\backslash	
Product II	Product Name	Supplier ID	Category ID	Quantity Per Unit	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued		1
1	Chai	1	1	10 boxes x 20 bags	\$18.00	39	0	10		7	Ċ
2	Chang	1	1	24 - 12 oz bottles	\$19.00	17	40	25		Ø	Ē
3	Aniseed Syrup		2	12 - 550 ml bottles	\$10.00	13	70	25		0	Ē
4	Chef Anton's Cajun Seasoning	2	2	48 - 6 oz jars	\$22.00	53	0	0		Ø	Ċ
5	Chef Anton's Gumbo Mix	2	2	36 boxes	\$21.35	0	0	0	~	0	Ē
6	Grandma's Boysenberry Spread	3	2	12 - 8 oz jars	\$25.00	120	0	25		Ø	Ē
7	Uncle Bob's Organic Dried Pears	3	<u>7</u>	12 - 1 lb pkgs.	\$30.00	15	0	10		0	8
8	Northwoods Cranberry Sauce	3	2	12 - 12 oz jars	\$40.00	6	0	0		0	Ē
9	Mishi Kobe Niku	4	<u>6</u>	18 - 500 g pkgs.	\$97.00	29	0	0	\checkmark	0	6
10	Ikura	4	<u>8</u>	12 - 200 ml jars	\$31.00	31	0	0		0	Ē
11	Queso Cabrales	5	4	1 kg pkg.	\$21.00	22	30	30		0	1
12	Queso Manchego La Pastora	5	4	10 - 500 g pkgs.	\$38.00	86	0	0		0	e
13	Konbu	6	<u>8</u>	2 kg box	\$6.00	24	0	5		0	
14	Tofu	<u>6</u>	<u>7</u>	40 - 100 g pkgs.	\$23.25	35	0	0		0	Ċ
15	Genen Shouyu	<u>6</u>	2	24 - 250 ml bottles	\$15.50	39	0	5		0	8
		1	2 3 4	5 6 7	89	10 La	st >				
			Page	Controls: First, Prev	/ious, Next, a	nd Last					

- No JQgrid control. The list is manually created using a Foreach loop.
- o Has CRUD (Create, Retrieve, Update, Delete) functionality.
- o Adding a new record redirects to another page
- \circ $\;$ Updating an existing record redirects to another page
- o Delete functionality uses a JQuery UI Pop-up for delete confirmation
- o Sorting and Paging manually-built
- o List shows manually-built Sort Direction Image in the header
- List retrieves data on demand using Skip/Take logic
- One ASP.NET Core 3.1 View is generated per table

2.14 LIST WITH MASTER DETAIL (GRID)

A view with two grids with a master-detail relationship. No CRUD functionality. Clicking an item in the first grid loads related items in the second grid.

I	List of Produ	cts By Catego	ries Sort Ascenc	ling or Descend	ing						
	List of Products Ry	Categories								0	
	List of froutets by	Category D+	T T		Categor	y Name			Description		
5				1 Beverages		-	Soft o	rinks, coffees, teas, bee	rs, and ales		
aste	2 Condiments Sweet and savory sauces, relishes, spreads, a										
ž	3 Confections Desserts, candies, and sweet breads										
				4 Dairy Produ	cts		Chee	es			
	5 Grains/Cereals Breads, crackers, pasta, and cereal										
	⊲ << Page 1 of 3 ▶> ▶ 5 ♥										
	Sort Ascending or Descending Page Controls: First, Previous, Jump to a Specific Page, Next, Last and Number of Items per Page										
	List of Products By	Category ID: 2								•	
[Product ID 🗘	Product Name	Supplier ID	Category ID	Quantity Per Unit	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued	
Г	Υ,	Aniseed Syrup	1		2 12 - 550 ml bottles	\$10.00	1	3 70	25		
٤	4	Chef Anton's Cajun Se	2		2 48 - 6 oz jars	\$22.00	5	3 0	0		
fe	5	Chef Anton's Gumbo I	2		2 36 boxes	\$21.35		0 0	0	\checkmark	
ed	6	Grandma's Boysenberi	3		2 12 - 8 oz jars	\$25.00	12	0 0	25		
elat	8	Northwoods Cranberr	3		2 12 - 12 oz jars	\$40.00		5 0	0		
ž	15	Genen Shouyu	6		2 24 - 250 ml bottles	\$15.50	3	9 0	5		
etai	44	Gula Malacca	20		2 20 - 2 kg bags	\$19.45	2	7 0	15		
ă	61	Sirop d'érable	29		2 24 - 500 ml bottles	\$28.50	11	3 0	25		
	63	Vegie-spread	7		2 15 - 625 g jars	\$43.90	2	4 0	5		
	65	Louisiana Fiery Hot Pe	2		2 32 - 8 oz bottles	\$21.05	7	5 0	0		
-					Page 1	of 3 🕨 🕨 10 🗸				View 1 - 10 f 21	

Page Controls: First, Previous, Jump to a Specific Page, Next, Last and Number of Items per Page

- Total Number of Records
- Contains 2 JQgrid Controls with a Master-Detail relationship, one on top of the other. No CRUD functionality (read-only).
- o Clicking an item in the first (master) grid loads related items in the second (details) grid
- o Both JQgrid controls shows Sort Direction Image in the header
- o Both JQgrid uses Paging in the footer
- o Both list retrieves data on demand using Skip/Take logic
- o Both list Uses JSON to retrieve small amounts of data for every page or sort operation
- One ASP.NET Core 3.1 View is generated for each foreign key in each table

2.15 LIST WITH MASTER DETAIL (SUB GRID)

A view with a grid within another grid with a master-detail relationship. No CRUD functionality. Expanding an item in the master grid loads related items in the sub grid.

	on moduce.	by categorie.	Sort Ascendi	ng or Descending						
List o	f Products By Ca	tegories								
_		Category I			Ca	itegory Name			Description	
-				1 Beverages			Soft	drinks, coffees, teas,	beers, and ales	
Г	Product I	Product Name	Supplier ID	Category ID	Quantity Per	Jnit Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued
	Y	1 Chai	1	1	10 boxes x 20	bags \$18.00	39	0	10	
		2 Chang	1	1	24 - 12 oz bott	es \$19.00	17	40	25	
		4 Guaraná Fantástica	10	1	12 - 355 ml car	is \$4.50	20	0	0	\checkmark
	:	34 Sasquatch Ale	16	1	24 - 12 oz bott	es \$14.00	111	0	15	
	:	35 Steeleye Stout	16	1	24 - 12 oz bott	es \$18.00	20	0	15	
					A Rage	1 of 4 🕨 🖬 5 🕚	•			View 1 - 5 d
1	Detail: Sort A	scending or Descendin	g Page Con	trols: First, Previou	us, Jump to a S	pecific Page, Next, Last a	nd Number of Item	ns per Page	Total Numb	er of Records
+				2 Condiments			Swe	et and savory sauces,	relishes, spreads, and	seasonings
+				3 Confections			Des	serts, candies, and sw	eet breads	
+	4 Dairy Products Cheeses									
+				5 Grains/Cereals	s		Brea	ads, crackers, pasta, a	nd cereal	
				14	Page 1	of 3 🕟 🖬 5 🗸	1			View 1 -

- Contains 2 JQgrid Controls with a Master-Detail relationship, a grid (sub grid) within another grid. No CRUD functionality (read-only).
- Expanding an item in the master grid loads related items in the sub grid
- o Both JQgrid controls shows Sort Direction Image in the header
- Both JQgrid uses Paging in the footer
- Both list retrieves data on demand using Skip/Take logic
- Both list Uses JSON to retrieve small amounts of data for every page or sort operation
- One ASP.NET Core 3.1 View is generated for each foreign key in each table

2.16 LIST WITH MULTIPLE DELETE

A view with a list of items shown in a grid with CRUD functionality.

I3 4	Add New Products Add New Ite	m redirects to another p	age	Sort Ascendir	ig or Descending	Clicking	anywhere in the row	v redirects to Edit Exi	sting Item
List	of Products	Selecta Air items for De	eaon				T		9
	Product II	Supplier ID	Category ID	Quantity Per Unit	Unit Price	Units In Stock	Unity On Order	Reorder Level	Discontinued
Ĭ	1 Chai	1	1	10 boxes × 20 bags	\$18.00	39	0	10	
	2 Chang	1		24 - 12 oz bottles	\$19.00	17	40	25	
	3 Aniseed Syrup	1	2	12 - 550 ml bottles	\$10.00	13	70	25	
ً⊘∖	4 Chef Anton's Cajun	Se 2	2	48 - 6 oz jars	\$22.00	53	0	0	
	5 Chef Anton's Gumb	o 2	2	36 boxes	\$21.35	0	0	0	
	6 Grandma's Boysenb	er 3	2	12 - 8 oz jars	\$25.00	120	0	25	
	7 Uncle Bob's Organic	с З	7	12 - 1 lb pkgs.	\$30.00	15	0	10	
	8 Northwoods Cranbe	err 3	2	12 - 12 oz jars	\$40.00	б	0	0	
	9 Mishi Kobe Niku	4	6	18 - 500 g pkgs.	\$97.00	29	0	0	V
	Ikura	4	8	12 - 200 ml jars	\$31.00	31	0	0	
	Check Items in	ndividually for Deletion	1	Page 1 of 8	3 ▶ ▶ 10 ♥]			View 1 - 10 0 77

- Contains a JQgrid Control
- o Adding a new record redirects to another page
- \circ $\,$ Clicking anywhere in the row redirects to another page for Updating an existing record
- o Multiple Delete functionality uses a JQuery UI Pop-up for delete confirmation
- o Select/Unselect All records for delete operation
- o JQgrid control shows Sort Direction Image in the header
- o JQgrid uses Paging in the footer
- List retrieves data on demand using Skip/Take logic
- \circ $\;$ Uses JSON to retrieve small amounts of data for every page or sort operation
- \circ One ASP.NET Core 3.1 View is generated per table

2.17 LIST BY FOREIGN KEY

A view with a list of items shown in a grid Listed By a Foreign Key. No CRUD functionality.

Categories: Beverage	25 🗸	Listed By (Category)		Sort Ascen	ding or Descending				
List of Products By	y Categories								0
Product I	Product Name	Supplier ID	Category ID	Quantity Per Unit	Unit Price	Units In Stock	Units On Order	Reorder Level	Discontinued
1	Chai	1	1	10 boxes x 20 bags	\$18.00	39	0	10	
2	Chang	1	1	24 - 12 oz bottles	\$19.00	17	40	25	
24	Guaraná Fantástica		1	12 - 355 ml cans	\$4.50	20	0	0	V
34	Sasquatch Ale	<u>16</u>	<u>1</u>	24 - 12 oz bottles	\$14.00	111	0	15	
35	Steeleye Stout	<u>16</u>		24 - 12 oz bottles	\$18.00	20	0	15	
38	Côte de Blaye	18	1	12 - 75 cl bottles	\$263.50	17	0	15	
39	Chartreuse verte	18	1	750 cc per bottle	\$18.00	69	0	5	
43	Ipoh Coffee		1	16 - 500 g tins	\$46.00	17	10	25	
67	Laughing Lumberia	.k <u>16</u>	1	24 - 12 oz bottles	\$14.00	52	0	10	
70	Outback Lager	Z	1	24 - 355 ml bottles	\$15.00	15	10	30	
				IN IN Page 1	of 0 🕨 🗤 10 🗸				View 1 - 10 0 10
Link to Fo	reign Field's Details	Page Page C	ontrols: First, Previou	us, Jump to a Specific	Page, Next, Last, and	d Number of Items pe	r Page	Tota	I Number of Records

- Contains a JQgrid Control. No CRUD functionality (read-only)
- Lists items by Foreign Key. A Drop Down box determines related items to list
- A link to the *Record Details* page is provided for all Foreign Key columns (for details on the foreign key)
- o JQgrid control shows Sort Direction Image in the header
- JQgrid uses Paging in the footer
- List retrieves data on demand using Skip/Take logic
- o Uses JSON to retrieve small amounts of data for every page or sort operation
- One ASP.NET Core 3.1 View is generated per table's Foreign Key, only for tables that have at least 1 Foreign Key

2.18 UNBOUND VIEW

A view with validated input controls which can be used for adding a new record or updating a record. Not bound/connected to the database so you will need to add your own code to bind it to the database.

Note: This is the only view that is generated by the AspCoreGen 3.0 Express Edition. Also generated by AspCoreGen 3.0 Professional Edition.

Unbound Reco	ord									
		Foreign	Key F	ield (No d	ata)				
Product Name:	•		/			🔁 Pro	duct N	lame	s requ	juired!
Supplier ID:	Sel	lect One			\checkmark					
Category ID:	Sel	ect One			~					Client side Validation
Quantity Per Unit:	1									Client-side validation
Unit Price:	a					这 Uni	t Price	e musi	be a	a valid decimal!
Units In Stock:	Ь					这 Uni	ts In S	tock r	nust b	be a number!
Units On Order:	123	Add Deserved				-		_		veen -32768 and 32767
Reorder Level:	d	Add Record								nber!
Discontinued:										
		Customer ID:	Sele	ct On	e					
	Ч	Employee ID:	Sele	ct On	e					JQuery UI Themes
		Order Date:								
		Required Date:	0	N	lover	nber	201	7	Ð	
		Shipped Date:	.		T		TL	F	6-	
		Ship Via:	su	мо	TU	we	In	Fr	sa	
		Freight:				1	2	3	4	
		Ship Name:	5	6	7	8	9	10	11	
		Ship Address:	-12	13	14	15	-16	17	18	
		Ship City:	19	20	21	22	23	24	25	
		Ship Region:	26	27	28	29	30			
		Ship Postal Code:	<u> </u>							

- MVC views that are not bound to the database
- o Contains JQuery Validation
- o Contains JQuery UI Date Controls for date fields
- o Contains unbound DropDownList for foreign fields
- \circ $\,$ Can be used when adding a new record or updating an existing record
- o One ASP.NET Core 3.1 View is generated per table

Directly related to the *Views to Generate*. A list of ASP.NET MVC view *File Names* that will be generated by AspCoreGen 3.0 MVC. These view *File Names* are filled by default. You can, however, change any of the view *File Name* as you see fit.

View Names
ListCrudRedirect
Add
Update
Details
ListReadOnly
ListCrud
ListGroupedBy
ListTotals
ListTotalsGroupedBy
ListSearch
ListScrollLoad
ListInline
ListForeach
ListMasterDetailGridBy
ListMasterDetailSubGridBy
ListMultipleDelete
ListBy
Unbound

3.1 LISTCRUDREDIRECT (DEFAULT)

When generated, the default view name will be *ListCrudRedirect*.cshtml. Related to the *List with Add, Edit, Redirect, & Delete* Views to Generate.

3.2 ADD (DEFAULT)

When generated, the default view name will be *Add*.cshtml. Related to the *Add New Record* Views to Generate.

3.3 UPDATE (DEFAULT)

When generated, the default view name will be *Update*.cshtml. Related to the *Update Record* Views to Generate.

3.4 DETAILS (DEFAULT)

When generated, the default view name will be *Details*.cshtml. Related to the *Record Details (Read-Only)* Views to Generate.

3.5 LISTREADONLY (DEFAULT)

When generated, the default view name will be *ListReadOnly*.cshtml. Related to the *List (Read-Only)* Views to Generate.

3.6 LISTCRUD (DEFAULT)

When generated, the default view name will be *ListCrud*.cshtml. Related to the *List with Add, Edit, & Delete* (Same Page) Views to Generate.

3.7 LISTGROUPEDBY (DEFAULT)

When generated, the default view name will be *ListGroupedBy***ForeignKey**.cshtml. A view/file is generated for each of the *Foreign Key* in a table, and will only be generated for database tables with at least one foreign key. Related to the *List with Grouping* Views to Generate. For example, the *Products* table for the *Northwind* database have 2 *Foreign Keys; CategoryID* and *SupplierID*. The generated views for the Products table will be:

- o ListGroupedByCategoryID.cshtml
- ListGroupedBySupplierID.cshtml

3.8 LISTTOTALS (DEFAULT)

When generated, the default view name will be *ListTotals*.cshtml. A view/file is generated for database tables that have a SQL column type *Money*. Related to the *List with Totals* Views to Generate.

3.9 LISTTOTALSGROUPEDBY (DEFAULT)

When generated, the default view name will be *ListTotalsGroupedBy***ForeignKey**.cshtml. A view/file is generated for each of the *Foreign Key* in a table, and will only be generated for database tables with at least one foreign key and database tables that have a SQL column type *Money*. Related to the *List with Totals and Grouping* Views to Generate. For example, the *Products* table for the *Northwind* database have 2 *Foreign Keys; CategoryID* and *SupplierID*. The generated views for the Products table will be:

- o ListTotalsGroupedByCategoryID.cshtml
- ListTotalsGroupedBySupplierID.cshtml

3.10 LISTSEARCH (DEFAULT)

When generated, the default view name will be *ListSearch*.cshtml. Related to the *List with Search* Views to Generate.

3.11 LISTSCROLLLOAD (DEFAULT)

When generated, the default view name will be *ListScrollLoad*.cshtml. Related to the *List Scroll-Load Data* Views to Generate.

3.12 LISTINLINE (DEFAULT)

When generated, the default view name will be *ListInline*.cshtml. Related to the *List with Inline Add & Edit* Views to Generate.

3.13 ListForeach (DEFAULT)

When generated, the default view name will be *ListForeach*.cshtml. Related to the *List with Manual For Each* Views to Generate.

3.14 LISTMASTERDETAILGRIDBY (DEFAULT)

When generated, the default view name will be *ListMasterDetailGridBy***ForeignKey**.cshtml. A view/file is generated for each of the *Foreign Key* in a table, and will only be generated for database tables with at least one foreign key. Related to the *List with Master Detail (Grid)* Views to Generate. For example, the *Products* table for the *Northwind* database have 2 *Foreign Keys; CategoryID* and *SupplierID*. The generated views for the Products table will be:

- o ListMasterDetailGridByCategoryID.cshtml
- o ListMasterDetailGridBySupplierID.cshtml

3.15 LISTMASTERDETAILSUBGRIDBY (DEFAULT)

When generated, the default view name will be *ListMasterDetailSubGridBy***ForeignKey**.cshtml. A view/file is generated for each of the *Foreign Key* in a table, and will only be generated for database tables with at least one foreign key. Related to the *List with Master Detail (Sub Grid)* Views to Generate. For example, the *Products* table for the *Northwind* database have 2 *Foreign Keys; CategoryID* and *SupplierID*. The generated views for the Products table will be:

- o ListMasterDetailSubGridByCategoryID.cshtml
- o ListMasterDetailSubGridBySupplierID.cshtml

3.16 LISTMULTIPLEDELETE (DEFAULT)

When generated, the default view name will be *ListForeach*.cshtml. A view/file is generated for database tables that have only One *Primary Key*. Related to the *List with Multiple Delete* Views to Generate.

3.17 LIST BY (DEFAULT)

When generated, the default view name will be *ListBy***ForeignKey**.cshtml. A view/file is generated for each of the *Foreign Key* in a table, and will only be generated for database tables with at least one foreign key. Related to the *List by Foreign Key* Views to Generate. For example, the *Products* table for the *Northwind* database have 2 *Foreign Keys; CategoryID* and *SupplierID*. The generated views for the Products table will be:

- o ListByCategoryID.cshtml
- ListBy**SupplierID**.cshtml

3.18 UNBOUND (DEFAULT)

When generated, the default view name will be *Unbound*.cshtml. Related to the *Unbound View* Views to Generate.

Note: This is the only view/file that is generated by the AspCoreGen 3.0 Express Edition. Also generated by AspCoreGen 3.0 Professional Edition.

4 MODEL VIEW CONTROLLER (MVC)

The *Model View Controller (MVC)* is not listed in the *UI Settings Tab*. However, ASP.NET MVC is the user interface technology generated by AspCoreGen 3.0 MVC. Technically, the *View* and the *Controller* part of ASP.NET MVC is the user interface technology generated by AspCoreGen 3.0 MVC. The *Model* (and *View Model*) is used to supply data or used as a *Class* of properties by the *View* and/or the *Controller* and can be reused by other projects or clients.

The generated code is layered in an *N*-Tier architecture:

- **Front End** (User Interface Presentation Layer) Views, Controllers, JavaScript, CSS, JQuery, and more.
- Middle-Tier Class Files (Middle Layer) Business Logic Class Files, Models, Views, View Models, etc.
- Data-Tier Class Files (Data Layer) using Linq-to-Entities Entity Framework Core or Ad-Hoc SQL.
- SQL Scripts (Stored Procedures).

The whole Web Application Project that is generated by AspCoreGen 3.0 MVC is the Front End (User Interface) part of the N-Tier. This will be the MyApp.csproj project that is shown as an example in the Code Settings Tab (document) tutorial (Web Application – 2.1). This project contains the generated MVC Views and Controllers.

4.1 CONTROLLER AND VIEW RELATIONSHIP

A *Controller* is generated per database table or view. When an MVC view is generated, an *Action Method* for that MVC view is also generated as an entry in the respective *Controller*. In short, a *Controller* can have many *Action Methods*.

* The Selected Tables tab will only automatically open when the Automatically Open Selected Tables or Selected Views Tab check box is Checked, which is the default.

This tutorial offers a quick look in using AspCoreGen 3.0 MVC. You can read end-to-end tutorials on more subjects on using AspCoreGen 3.0 MVC Professional Plus that came with your purchase. These tutorials are available to customers and are included in a link on your invoice when you purchase AspCoreGen 3.0 MVC Professional.

Note: Some features shown here are not available in the Express Edition.

End of tutorial.