

Feature Guideline

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Subject									

Representation

Product owner need to define how the feature will be presented, manipulated and actions related to it, following steps are suggested:

- ☐ Create frontend page, form, table, etc.
- ☐ Create models.
- ☐ Create service interface for properties, functions, etc.
- ☐ Create/refactor data transfer objects with respect to models.
- ☐ Create service unit tests for the following:
 - ☐ Parameters ranges.
 - ☐ Deterministic returns.
 - ☐ At least when success and when server connection/response failure.
- ☐ Implement the required service functions.

Server Side

After successfully iterating over the above steps and pass all the unit tests, the following should be created:

- ☐ API route.
- ☐ WebApi defining server ins/outs including expected http statues codes.
- ☐ Application Command/Query and handler.
- ☐ Link WebApi with Command/Query.
- ☐ Create comprehensive unit tests for C/Q-handler include:
 - ☐ Successfully defensive against bad and out of range.
 - ☐ All possibilities as per business logical rules.
- ☐ Implement the handler.
- ☐ Alter the database model/context when required.
- ☐ Pass all unit tests.

Integration

Security policy should be defined if required in server, then integration test should be done which at least test when success and when failure.

Finalizing

- ☐ Whole Project Unit Tests Passed Successfully.
- ☐ Feature was live tested and was acceptable.
- ☐ Bugs and Todos was reported.
- ☐ Feature is acceptable in general.
- ☐ Source code merged into main branch.

<u>Controller</u>		Version _____														
Route¹	_____															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center; padding: 5px;"><u>Request/Query</u></th> <th style="width: 50%; text-align: center; padding: 5px;"><u>Response</u></th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;"> Mime Type <input type="checkbox"/> Application <input type="checkbox"/> Json <input type="checkbox"/> Octet <input type="checkbox"/> Pdf <input type="checkbox"/> Rtf <div style="text-align: right; padding-right: 20px;"><input type="checkbox"/> Soap <input type="checkbox"/> Xml <input type="checkbox"/> Zip</div> </td> <td style="padding: 5px;"> Mime Type <input type="checkbox"/> Application <input type="checkbox"/> Json <input type="checkbox"/> Octet <input type="checkbox"/> Pdf <input type="checkbox"/> Rtf <div style="text-align: right; padding-right: 20px;"><input type="checkbox"/> Soap <input type="checkbox"/> Xml <input type="checkbox"/> Zip</div> </td> </tr> <tr> <td style="padding: 5px;"> <input type="checkbox"/> Image <input type="checkbox"/> Gif <input type="checkbox"/> Jpeg <input type="checkbox"/> Tiff </td> <td style="padding: 5px;"> <input type="checkbox"/> Image <input type="checkbox"/> Gif <input type="checkbox"/> Jpeg <input type="checkbox"/> Tiff </td> </tr> <tr> <td style="padding: 5px;"> <input type="checkbox"/> Text <input type="checkbox"/> Html <input type="checkbox"/> Plain <input type="checkbox"/> Rich Text <input type="checkbox"/> Xml </td> <td style="padding: 5px;"> <input type="checkbox"/> Text <input type="checkbox"/> Html <input type="checkbox"/> Plain <input type="checkbox"/> Rich Text <input type="checkbox"/> Xml </td> </tr> <tr> <td style="padding: 5px;"> <input type="checkbox"/> </td> <td style="padding: 5px;"> <input type="checkbox"/> </td> </tr> <tr> <td style="padding: 5px;"> <input type="checkbox"/> DTO Type <input type="checkbox"/> Query Args. </td> <td style="padding: 5px;"> <input type="checkbox"/> DTO Type </td> </tr> <tr> <td style="padding: 5px;"> Request Type <input type="checkbox"/> GET <input type="checkbox"/> POST <input type="checkbox"/> PUT <input type="checkbox"/> PATCH <input type="checkbox"/> HEAD <input type="checkbox"/> DELETE </td> <td style="padding: 5px;"> <div style="display: flex; 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<u>WebApi</u>	<input type="checkbox"/> Unit Tested. <input type="checkbox"/> Acceptable. <input type="checkbox"/> Committed.
<input type="checkbox"/> AllowAnonymous, <input type="checkbox"/> Require Policy: _____	

Developer	Tester	Manager
Name		
Signature		
Date		

¹ As wrote in “~/SharedKernel/Api.cs”.