

Feature Guideline

<input type="checkbox"/> Essential. <input type="checkbox"/> Business _____.	<table border="1"><tr><td></td><td></td></tr></table> / <table border="1"><tr><td></td><td></td></tr></table> / <table border="1"><tr><td>2</td><td>0</td><td>2</td><td>2</td></tr></table>					2	0	2	2
2	0	2	2						
<i>Sub-Context</i>									
<i>Subject</i>									

Representation

In front-end and shared projects, the product owner need to define how the feature will be presented then serviced, both projects in src and tests will be used, following steps are suggested:

- | | | | |
|--|---|---|---|
| <input type="checkbox"/> Create front-end page, form, table, etc. | Responses: | | |
| <input type="checkbox"/> Create models. | DTO: | | |
| <input type="checkbox"/> Create service interface for properties, functions, etc. | <input type="checkbox"/> 200 Ok | <input type="checkbox"/> 400 Bad Request | <input type="checkbox"/> 406 Not Acceptable |
| <input type="checkbox"/> Create/refactor data transfer objects with respect to models. | <input type="checkbox"/> 201 Created | <input type="checkbox"/> 401 Unauthorized | <input type="checkbox"/> 409 Conflict |
| <input type="checkbox"/> Create service unit tests for the following: | <input type="checkbox"/> 202 Accepted | <input type="checkbox"/> 403 Forbidden | <input type="checkbox"/> |
| ○ ExpectedResponsesBehaviorTests. | <input type="checkbox"/> 204 No Content | <input type="checkbox"/> 404 Not Found | <input type="checkbox"/> |
| ○ DataTransferObjectDefensiveValuesTests. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| ○ WhiteBoxTests. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> 500 Internal Ser. Err. |
| <input type="checkbox"/> Implement the required service functions. | Request : | | |
| <input type="checkbox"/> Pass all unit tests. | DTO: | | |
| | <input type="checkbox"/> GET | <input type="checkbox"/> POST | <input type="checkbox"/> PUT |
| | <input type="checkbox"/> PATCH | <input type="checkbox"/> HEAD | <input type="checkbox"/> DELETE |

Server Side

The following should be created:

- ☐ Define the route/end-point then create/update the controller.
- ☐ Implement CQRS functionality, then update the controller function body.
- ☐ Create comprehensive unit tests for C/Q handler include:
 - Different type of data received format and expected action (like upper case litter behavior).
 - Successfully defensive against bad and out of range.
 - All possibilities as per business logical rules.
- ☐ Implement the handler.
- ☐ Alter the domain when necessary.
- ☐ Pass all unit tests.

Integration Tests

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

- ☐ Create test scenarios for most user activities on application service layer.
- ☐ Pass all unit tests.

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;"> <u>Mime Type</u> <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;"> <u>Mime Type</u> <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</td> <td style="padding: 5px;"><input type="checkbox"/> DTO Type</td> </tr> <tr> <td style="padding: 5px;"><input type="checkbox"/> Query Args.</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">Request Type</td> <td style="padding: 5px;"></td> </tr> </tbody> </table>			<u>Request/Query</u>	<u>Response</u>	<u>Mime Type</u> <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>	<u>Mime Type</u> <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>	<input type="checkbox"/> Image <input type="checkbox"/> Gif <input type="checkbox"/> Jpeg <input type="checkbox"/> Tiff	<input type="checkbox"/> Image <input type="checkbox"/> Gif <input type="checkbox"/> Jpeg <input type="checkbox"/> Tiff	<input type="checkbox"/> Text <input type="checkbox"/> Html <input type="checkbox"/> Plain <input type="checkbox"/> Rich Text <input type="checkbox"/> Xml	<input type="checkbox"/> Text <input type="checkbox"/> Html <input type="checkbox"/> Plain <input type="checkbox"/> Rich Text <input type="checkbox"/> Xml	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> DTO Type	<input type="checkbox"/> DTO Type	<input type="checkbox"/> Query Args.		Request Type	
<u>Request/Query</u>	<u>Response</u>																	
<u>Mime Type</u> <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>	<u>Mime Type</u> <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>																	
<input type="checkbox"/> Image <input type="checkbox"/> Gif <input type="checkbox"/> Jpeg <input type="checkbox"/> Tiff	<input type="checkbox"/> Image <input type="checkbox"/> Gif <input type="checkbox"/> Jpeg <input type="checkbox"/> Tiff																	
<input type="checkbox"/> Text <input type="checkbox"/> Html <input type="checkbox"/> Plain <input type="checkbox"/> Rich Text <input type="checkbox"/> Xml	<input type="checkbox"/> Text <input type="checkbox"/> Html <input type="checkbox"/> Plain <input type="checkbox"/> Rich Text <input type="checkbox"/> Xml																	
<input type="checkbox"/>	<input type="checkbox"/>																	
<input type="checkbox"/> DTO Type	<input type="checkbox"/> DTO Type																	
<input type="checkbox"/> Query Args.																		
Request Type																		

<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”.