

Feature Document

Context	Subject	<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							

User Story, Discussions and Brain Storming

Data Trasfer Objects (Request)	Data Trasfer Objects (Response)
<div> <div>Send IRequestDto? <input type="checkbox"/> Yes. <input type="checkbox"/> No.</div> </div>	

Security

Security

☐ AllowAnonymous_ ☐ Require Policy:

Controller [Proj: ~/SharedKernel/Api.cs]

Version

Route										
<u>Request/Query</u>					<u>Response</u>					
Mime Type					Mime Type					
<input type="checkbox"/> Application <input type="checkbox"/> Json <input type="checkbox"/> Octet <input type="checkbox"/> Pdf <input type="checkbox"/> Rtf					<input type="checkbox"/> Application <input type="checkbox"/> Json <input type="checkbox"/> Octet <input type="checkbox"/> Pdf <input type="checkbox"/> Rtf					
<input type="checkbox"/> Soap <input type="checkbox"/> Xml <input type="checkbox"/> Zip					<input type="checkbox"/> Soap <input type="checkbox"/> Xml <input type="checkbox"/> Zip					
<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										
<input type="checkbox"/> GET <input type="checkbox"/> POST <input type="checkbox"/> PUT					<input type="checkbox"/> 200 Ok <input type="checkbox"/> 400 Bad Request <input type="checkbox"/> 406 Not Acceptable					
<input type="checkbox"/> PATCH <input type="checkbox"/> HEAD <input type="checkbox"/> DELETE					<input type="checkbox"/> 201 Created <input type="checkbox"/> 401 Unauthorized <input type="checkbox"/> 409 Conflict					
					<input type="checkbox"/> 202 Accepted <input type="checkbox"/> 403 Forbidden <input type="checkbox"/>					
					<input type="checkbox"/> 204 NoCon. <input type="checkbox"/> 404 Not Found <input type="checkbox"/>					
					<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>					

Project Structure

☐ Essential.

☐ Business.

☐ Complex.

Sequence

- ☐ Pull Request, then run unit test.
- ☐ Add Request/Response DTOs (*Proj: ~SharedKernel/DataTr../[context]/*).
- ☐ Add Page name (*Proj: ~User/UserApp../Pages.cs*).
- ☐ Add view (*Proj: ~..Presentation../Pages/*).
- ☒ Add view model (*Proj: ~User/UserApp../ViewModels/[context]/*).
- ☒ Scaffold View Model.
- ☐ Create User Application Unit Tests (*"~User/UserApp../Test/[context]/"*).
- ☐ Pass unit test using mocks.

Value

- ☐ Successful git command.
- ☐ Successful unit tests.

LoginDtoV1.cs & TokenDtoV1.cs

Authentication/Login = "Login"

LoginViewModel.cs

LoginViewModel.cs

- ☐ Define properties, commands & functions.
- ☐ Successful & other http actions.
- ☐ Server communication failure.
- ☐ Invalid command/query parameters.
- ☐ All passed :)

	Action	Instructions
<input type="checkbox"/>	Create Controller.	<i>Thin and simple.</i>
<input type="checkbox"/>	Create Command/Query.	<i>Respect Request/Response/Query DTOs.</i>
<input type="checkbox"/>	Create Handler.	<i>Create Only Function Signature, define DI as required in constructor.</i>
<input type="checkbox"/>	Create Basic Unit Tests.	<i>Must test successful scenario along with failure scenarios.</i>
<input type="checkbox"/>	Create Defensive Prog. Unit Tests.	<i>Must check every parameter.</i>
<input type="checkbox"/>	Implement Handler Logic to satisfy:	<input type="checkbox"/> Business Logic. <input type="checkbox"/> Business Rules. <input type="checkbox"/> Constraint. <input type="checkbox"/> ...
<input type="checkbox"/>	Create unit tests as per above.	<input type="checkbox"/> Business Logic. <input type="checkbox"/> Business Rules. <input type="checkbox"/> Constraint. <input type="checkbox"/> ...

- ☐ Create server side and unit test all.

- ☐ Ensure all unit tests pass successfully.

- ☐ Create Integration test (*"~User/UserApp../Test/Integration/[context]/"*).

- ☐ All passed :)

- ☐ Successful request.
- ☐ Unauthorized (not in policy).
- ☐ Business not allow.

Finalizing Feature

- ☐ 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.

Developer

Tester

Manager

Name

Signature

Date