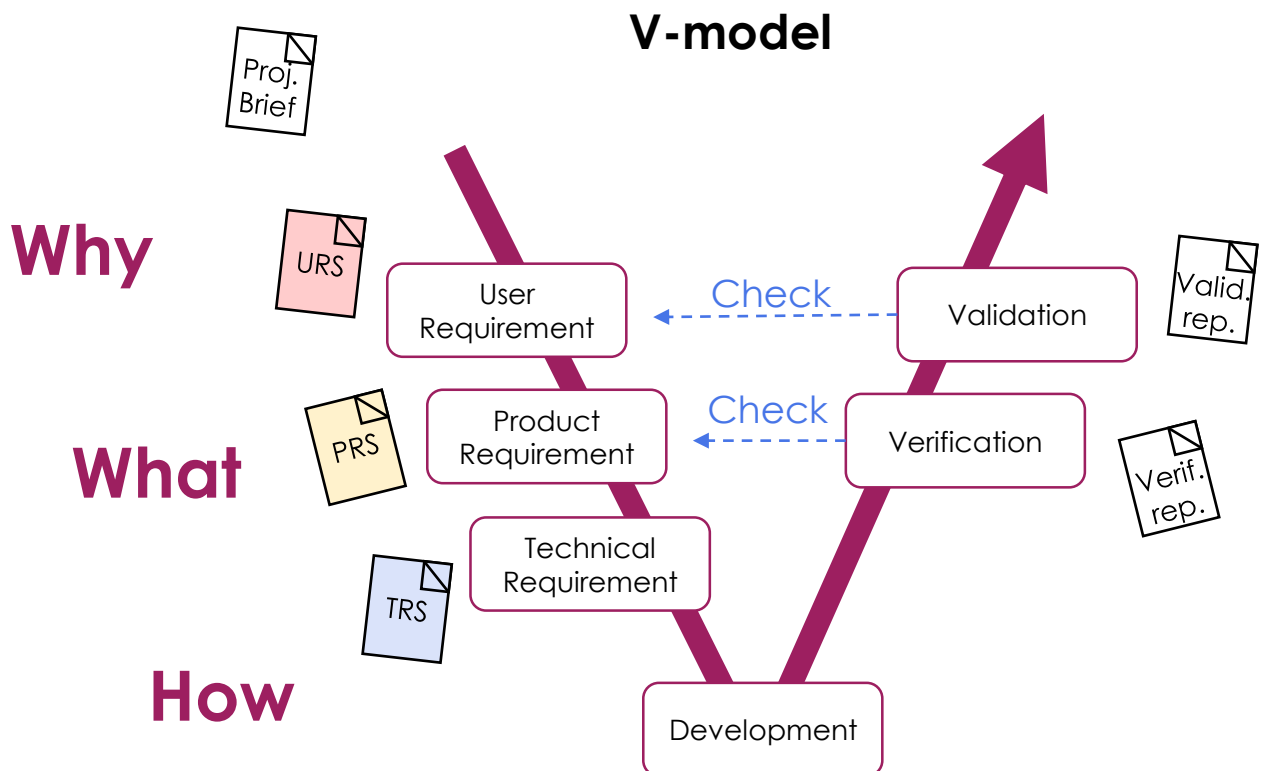


Requirements

By looking at the classic V-model for it's easy to understand how requirement can be used during technical development. Different level of requirements can be stored in one document, which also can be used for verification and validation.

Requirements are essential when it comes to development. They are considered boring and difficult (by some), but knowing why, what and how thing shall work will certainly ease the development.

Writing and managing requirements can be done in several ways. This article is about how it can be done using the classic V-model during development.



URS = User Requirement Specification
 PRS = Product Requirement Specification
 TRS = Technical Requirement Specification
 Valid. = Validation Report
 Verif. = Verification Report

Three lists of requirements are needed in this example, and they can all be stored in one excel sheet, which also can serve as verification and validation reports.

Used for validation*

UNIK User Requirement Specification			
URS ID	User Story <i>As <role> I want to <capability> so that <received benefit></i>	MoSCoW	Pass/Pass with Comments/Failed
1	As <the HR manager> I want to <to see an overview of candidates on the first screen> so that <I can have instant control of how many candidates there are>	Must have	
2	...	Should have	
3	...	Could have	
4	...	Won't have for now	

Reference

Used for verification*

UNIK Product Requirement Specification			
PRS ID	URS ref	Product function description	Pass/Pass with Comments/Failed
1		1 A user, with "HR Manager" access, will see a list of all active candidates on the homepage after logging into the system. The list of candidates are listed in alphabetical order, having a picture of the candidate to the left and the text to the right.	
2	1	...	
3	2	...	
4	2	...	

Reference

UNIK Technical Requirement Specification		
TRS ID	PRS ref	Technical function description
1	1	1 If "HR Manager" access upon login ☑ist view (left picture) of candidates ☑lse ☑iew standard homepage
2	1	...
3	1	...
4	2	...

* Not that validation/verification method should be documented as well which is not shown in this example.

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