
PROJECT DEVELOPMENT

Unit 13 – Testing

OUTLINE

- Test specification
 - Test protocol
 - Test report
 - Roles
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TEST SPECIFICATION

CONTENT / PURPOSE

- Describes all test cases
 - Base are user stories / use cases
 - One user story / UC may result in one or more test cases
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TABLE TO SPECIFY TEST CASE

BAS01: Login

#	STEP	EXPECTED RESULT
1	Enter user name	User name is visible in clear text
2	Enter password	Password is displayed as •••••
3	Klick login	The welcome screen is displayed, if the server communication takes longer a waiting indicator is displayed

TEST PROTOCOL

PURPOSE / CONTENT

- Describes the result of one test run
 - Contains all test cases of the test specification
 - Adds a result for each test case
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TEST RESULTS

- Passed
 - ALL steps of the test case have to work as expected
 - Failed
 - At least one of the steps does not work as expected
 - Blocked
 - The test case can't be executed
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EXAMPLE OF A TEST REPORT

Test Run on <date>

TC-ID	RESULT	IF FAILED COMMENT
BAS01	passed	
BAS02	failed	At Step3: Login failed page misses the register button
BAS03	blocked	Not implemented yet

TEST REPORT

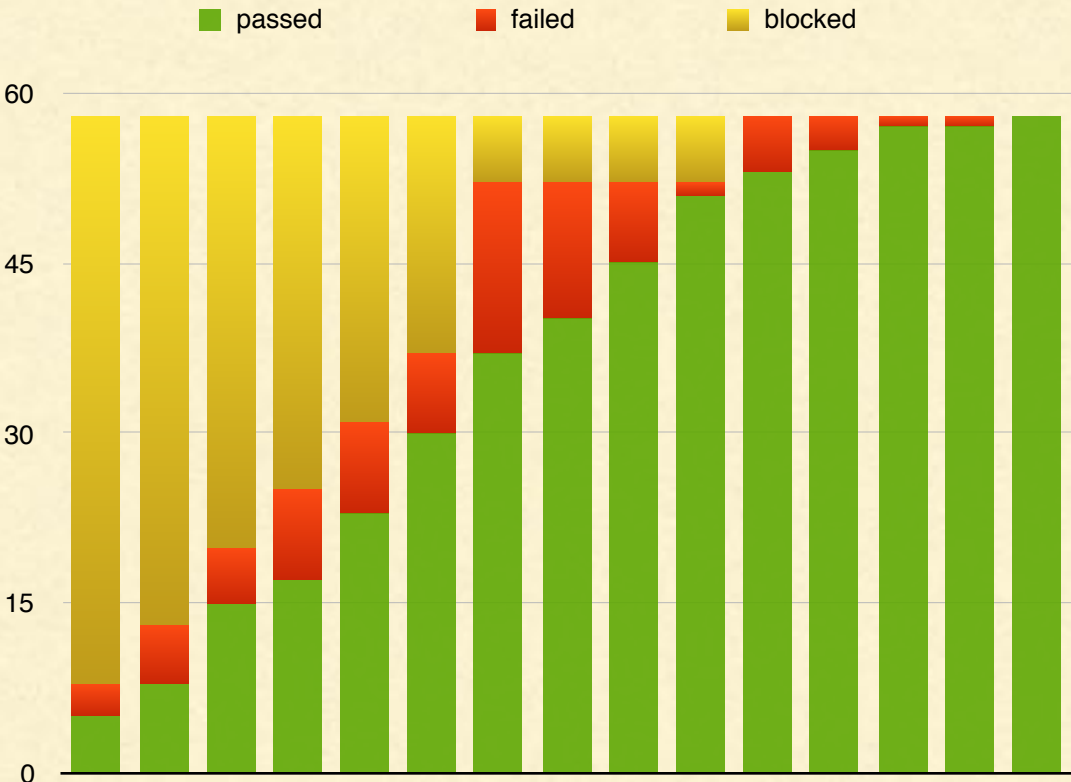
CONTENT / PURPOSE

- Summarizes the test runs made so far
- Gives an overview how the system maturity progresses

TEST REPORT EXAMPLE

Test Report <Project Name>

Date	passed	failed	blocked	Total
Jun 9, 2015	5	3	50	58
Jun 16, 2015	8	5	45	58
Jun 23, 2015	15	5	38	58
Jun 30, 2015	17	8	33	58
Jul 7, 2015	23	8	27	58
Jul 14, 2015	30	7	21	58
Jul 21, 2015	37	15	6	58
Jul 28, 2015	40	12	6	58
Aug 4, 2015	45	7	6	58
Aug 11, 2015	51	1	6	58
Aug 18, 2015	53	5	0	58
Aug 25, 2015	55	3	0	58
Sep 1, 2015	57	1	0	58
Sep 8, 2015	57	1	0	58
Sep 15, 2015	58	0	0	58



ROLES

CONTENT / PURPOSE

- Tester
 - Executes the tests and writes the test protocol
 - Test Author
 - Writes the test spec based on the user stories / UC
 - Should NOT be the implementer
 - Test Manager
 - Responsible for test process
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TEST REPORT EXAMPLE

Stabilization Phases

Test Report <Project Name>

Date	passed	failed	blocked	Total
Jun 9, 2015	5	3	27	35
Jun 16, 2015	8	5	25	38
Jun 23, 2015	15	5	21	41
Jun 30, 2015	17	8	19	44
Jul 7, 2015	23	8	16	47
Jul 14, 2015	30	7	13	50
Jul 21, 2015	37	15	1	53
Jul 28, 2015	40	12	4	56
Aug 4, 2015	45	7	7	59
Aug 11, 2015	51	1	10	62
Aug 18, 2015	53	5	7	65
Aug 25, 2015	55	3	10	68
Sep 1, 2015	57	1	13	71
Sep 8, 2015	57	1	16	74
Sep 15, 2015	58	0	19	77
Sep 22, 2015	65	8	4	77
Sep 29, 2015	70	5	2	77
Oct 6, 2015	71	6	0	77
Oct 13, 2015	74	2	1	77
Oct 20, 2015	77	0	0	77

