Testing Document

Part of the informatics project
supported by

MeldAPp

Contents

Version Control

N°	Date	Distribution	Changes
0.01	2020-05-29	(first draft) Add first tests in overview and details	
0.02	2020-06-09	(second draft) Add tests and change document by commentary of Mr. Van Camp	
1.00	2020-06-12	(final version)	

Terms and abbreviations

Term	Description
CBCS	Cross-browser and cross-system tests
LOAD	Prefix for load test
SECU	Prefix for security test
SMOK	Prefix for smoke test
UAC	User Acceptance Criteria
UNIT	Prefix for unit test
USAB	Prefix for usability test
USER	Prefix for user acceptance test
VPS	Virtual Private Server (our vps: vps094)

Test results overview

Code	Short description	Tester	Created on	Executed on	Result
USAB_01_1	Manual test: Photo upload.	A.T.	2020-05-28	2020-05-28	NOK
USAB_01_2	Manual test: Photo upload.	A.T.	2020-05-28	2020-05-28	OK
USAB_02_1	Manual test: Sort overview.	Y.F.	2020-05-18	2020-05-20	NOK
USAB_02_2	Manual test: Sort overview	Y.F.	2020-05-18	2020-05-20	OK
USAB_03_1	Manual test: Color + superstatus.	Y.F.	2020-05-18	2020-05-29	OK
USAB_04_1	Manual test: Defectpost form.	Y.F.	2020-05-18	2020-05-25	OK
USAB_05_1	Manual test: Dropdowns.	K.K.	2020-05-07	2020-05-15	OK
USAB_06_1	Manual test: Photo upload back-end.	A.T	2020-05-18	2020-05-25	OK
USAB_07_1	Manual test: Middleware DefectPost	M.V	2020-05-18	2020-05-26	OK
USAB_08_1	Manual test: Emergency contacts	B.V.C.	2020-06-08	2020-06-08	OK
USAB_09_1	Manual test: Roles Microsoft graph	M.V.	2020-06-08	2020-06-08	OK
USAB_10_1	Manual test: Roles defect	Y.F.	2020-06-02	2020-06-12	OK
USAB_11_1	Manual test: Photo display	Y.F.	2020-06-02	2020-06-12	OK
USAB_12_1	Manual test: Responsiveness This also is a Cross-browser and cross-system test.	Y.F.	2020-06-02	2020-06-04	NOK
USAB_12_2	Manual test: Responsiveness This also is a Cross-browser and cross-system test.	Y.F.	2020-06-02	2020-06-04	NOK
USAB_12_3	Manual test: Responsiveness This also is a Cross-browser and cross-system test.	Y.F.	2020-06-02	2020-06-06	NOK
USAB_12_4	Manual test: Responsiveness This also is a Cross-browser and cross-system test.	Y.F.	2020-06-02	2020-06-08	NOK
USAB_12_5	Manual test: Responsiveness This also is a Cross-browser and cross-system test.	Y.F.	2020-06-02	2020-06-11	NOK
USAB_12_6	Manual test: Responsiveness	Y.F.	2020-06-02	2020-06-12	OK

	This also is a Cross-browser and cross-system test.				
USAB_13_1	Manual test: Thumbs up counter	Y.F.	2020-06-02	2020-06-11	NOK
USAB_13_2	Manual test: Thumbs up counter	Y.F.	2020-06-02	2020-06-12	**OK**
UsaB_14_1	Manual test: Export to excel	Y.F.	2020-06-02	2020-06-12	**OK**
UsaB_15_1	Manual test: Roles front-end This also is a Cross-browser.	Y.F.	2020-06-02	2020-06-12	**OK**
UNIT_01_1	Unit test for 'DefectServiceImpl'.	A.T.	2020-05-26	2020-05-26	OK
UNIT_01_2	Unit test for 'DefectServiceImpl'. Checking on filetype.	J.A.	2020-05-28	2020-05-28	NOK
UNIT_01_3	Unit test for 'DefectServiceImpl'.	J.A.	2020-05-28	2020-05-28	NOK
UNIT_01_4	Unit test for 'DefectServiceImpl'.	A.T.	2020-05-28	2020-06-02	NOK
UNIT_01_5	Unit test for 'DefectServiceImpl'.	A.T.	2020-05-28	2020-06-02	OK
UNIT_03_1	Unit test for 'FloorService'.	M.V.	2020-05-29	2020-05-29	OK
UNIT_04_1	Unit test for 'RoomService'.	M.V.	2020-05-29	2020-05-29	OK
UNIT_05_1	Unit test for 'PriorityService'.	M.V.	2020-05-29	2020-05-29	OK
UNIT_06_1	Unit test for 'SuperstatusService'.	M.V.	2020-05-29	2020-05-29	OK
UNIT_07_1	Unit test for 'SubstatusService'.	M.V.	2020-05-29	2020-05-29	OK
UNIT_08_1	Unit test for 'RoleService'.	B.V.C.	2020-05-29	2020-05-29	OK
UNIT_09_1	Unit test for 'StaffService'.	B.V.C.	2020-05-29	2020-05-29	OK
UNIT_09_2	Unit test for 'StaffService'.	A.T.	2020-06-09	2020-06-09	OK
UNIT_10_1	Unit test for 'EmergencyContactService'.	M.V.	2020-06-08	2020-06-08	OK
UNIT_11_1	Unit test for 'EmergencyContactGroupService'.	M.V.	2020-06-08	2020-06-08	OK
UNIT_12_1	Unit test for 'TaskServiceImpl'	K.K.	2020-06-12	2020-06-12	OK
USER_Team3_1	User acceptance test on the whole application.	Team 3	2020-05-14	2020-05-16	NOK
	This also is a Cross-browser and test.				
USER_Team3_2	User acceptance test on the whole application.	Team 3	2020-05-14	2020-05-26	NOK
	This also is a Cross-browser and test.				
USER_Team3_2	User acceptance test on the whole application.	Team 3	2020-05-14	2020-05-26	NOK

	This also is a Cross-browser and cross-system test.				
SMOK_01_1	Smoke test performed by deploying our project to the VPS using GitLab.	Team 4 MeldAPp	2020-05-04	2020-05-18	OK
SMOK_02_1	Smoke test performed by deploying our project to the VPS using GitLab.	Team 4 MeldAPp	2020-05-18	2020-05-18	OK
SMOK_03_1	Smoke test performed by deploying our project to the VPS using GitLab.	Team 4 MeldAPp	2020-05-29	2020-05-29	OK
SMOK_04_1	Smoke test performed by deploying our project to the VPS using GitLab.	Team 4 MeldAPp	2020-06-12	2020-06-12	OK
LOAD_01_1	Google lighthouse test	B.V.C.	2020-06-12	2020-06-12	OK
CBCS_01_1	Selenium test checking the good "defectpost" flow.	J.A.	2020-06-08	2020-06-08	NOK
CBCS_01_2	Selenium test checking the good "defectpost" flow.	J.A.	2020-06-08	2020-06-09	OK
CBCS_02_1	Selenium test checking the good "taskpost" flow.	J.A.	2020-06-12	2020-06-12	OK

Summary of all performed tests

Test result details

Usability tests

USAB_01_1

Short description	Tester	Created on	Executed on	Result
Manual test: Photo upload. Attachment TPG4-162-UAC	A.T.	2020-05-28	2020-05-28	NOK

Expected result	Actual result	Solution
Every step explained in the UAC (mentioned above) can be performed and acts like it should.	It's possible to select a file that is not an image. This throws an error.	Add an extra error check that checks if the file type is right or not.

USAB_01_2

Short description	Tester	Created on	Executed on	Result
Manual test: Photo upload. Attachment TPG4-162-UAC	A.T.	2020-05-28	2020-05-28	OK

Expected result	Actual result
Every step explained in the UAC (mentioned above) can be performed and acts like it should.	A photo can be uploaded. Only image-types are allowed. Maximum image size works. Error handling has been implemented.

USAB_02_1

Short description	Tester	Created on	Executed on	Result
Manual test: Sort overview. Attachment TPG4-177-UAC	Y.F.	2020-05-28	2020-05-28	NOK

Expected result	Actual result	Solution
Every step explained in the UAC (mentioned above) can be performed and acts like it should.	The overview can be sorted in different ways. All sorting options work correctly, except status cancelled, status done, deadline and report date.	Make sure that you can see the result of filtering with the status "cancelled" and "done". When filtering with both data, it should only give results with the right data.

USAB_02_2

Short description	Tester	Created on	Executed on	Result
Manual test: Sort overview. Attachment TPG4-177-UAC	Y.F.	2020-05-28	2020-05-29	OK

Expected result	Actual result
Every step explained in the UAC (mentioned above) can be performed and acts like it should.	The overview can be sorted in different ways. All sorting options work correctly.

USAB_03_1

Short description	Tester	Created on	Executed on	Result
Manual test: Color + superstatus. Attachment TPG4-181-UAC	Y.F.	2020-05-28	2020-05-29	OK

Expected result	Actual result
Every step explained in the UAC (mentioned above) can be performed and acts like it should.	Correct super- and substatus are shown with their respective color.

USAB_04_1

Short description	Tester	Created on	Executed on	Result
Manual test: Defectpost form. Attachment TPG4-159-UAC	Y.F.	2020-05-18	2020-05-25	OK

Expected result	Actual result
Every step explained in the UAC (mentioned above) can be performed and acts like it should.	All fields are available. Data can be entered. Error handling works correctly. Data can be submitted.

USAB_05_1

Short description	Tester	Created on	Executed on	Result
Manual test: Dropdowns. Attachment TPG4-168-UAC	K.K.	2020-05-07	2020-05-15	OK

Expected result	Actual result
Every step explained in the UAC (mentioned above) can be performed and acts like it should.	The dropdowns are easy to use and have a clean layout.

USAB_06_1

Short description	Tester	Created on	Executed on	Result
Manual test: Photo upload back-end. Attachment TPG4-171-UAC	A.T.	2020-05-18	2020-05-25	OK

Expected result	Actual result
Every step explained in the UAC (mentioned above) can be performed and acts like it should.	Images are saved correctly.

USAB_07_1

Short description	Tester	Created on	Executed on	Result
Manual test: Middleware DefectPost Attachment TPG4-174-UAC	M.V.			OK

Expected result	Actual result
Every step explained in the UAC (mentioned above) can be performed and acts like it should.	Defects submitted (in front-end or tests) are stored correctly in the database.

USAB_08_1

Short description	Tester	Created on	Executed on	Result
Manual test: Emergency contacts. Attachment TPG4-226-UAC	B.V.C.	2020-06-08	2020-06-08	OK

Expected result	Actual result
Every emergency contact is on the page and divided in different groups	The contacts are visible and separated

USAB_09_1

Short description	Tester	Created on	Executed on	Result
Manual test: Roles Microsoft graph. Attachment TPG4-213-UAC	M.V.	2020-06-02	2020-06-12	OK

Expected result	Actual result
Every emergency contact is on the page and divided in the right roles	The emergency contacts are visible and separated by their roles

USAB_10_1

Short description	Tester	Created on	Executed on	Result
Manual test: Roles defect.	Y.F.	2020-06-08	2020-06-08	OK

Expected result	Actual result
When reporting a defect or task, the name of the reporter should be visible on the detail page of that defect or task.	The name of the reporter is visible in a correct manner.

USAB_11_1

Short description	Tester	Created on	Executed on	Result
Manual test: Photo display. Attachment TPG4-221-UAC	Y.F.	2020-06-02	2020-06-12	OK

Expected result	Actual result
When reporting a defect, the uploaded photo of the defect should be visible on the detail page (If there is one).	The name of the reporter is visible in a correct manner.

USAB_12_1

Short description	Tester	Created on	Executed on	Result
Manual test: Responsiveness	Y.F.	2020-06-02	2020-06-04	NOK

Expected result	Actual result	Solution
The lay-out should be ok when using a desktop and a smartphone.	The smartphone version is not like asked by the client. The defect grid and the task grid do not take most of the page (There is a lot of white space on these pages). There is a scrollbar on the summary page that is not needed(vertical). The lay-out of the detail page for defects and tasks are not done.	Change the grid on the summary page and make things bigger thus reducing whitespace. Rework lay-out.

USAB_12_2

Short description		Tester	Created on	Executed on	Result
Manual test: Responsiveness		Y.F.	2020-06-02	2020-06-04	NOK

Expected result	Actual result	Solution
The lay-out should be ok when using a desktop and a smartphone.	The smartphone version is still not like asked by the client. The defect page and the task page still do not take most of the page (There is still a lot of white space on these pages). There is still a scrollbar on the summary page when minimalizing the page (vertical). The "Bijwerken" button has been moved.	Decrease whitespace more. Enlarge items. Reposition the button. Rework lay-out.

USAB_12_3

Short description		Tester	Created on	Executed on	Result
Manual test: Responsiveness		Y.F.	2020-05-02	2020-05-06	NOK

Expected result	Actual result	Solution
The lay-out should be ok when using a desktop and a smartphone.	The defect page and the task page still do not take most of the page (There is still a lot of white space on these pages). There is still a scrollbar on the summary page that is not needed(vertical).	Remove the vertical scrollbar. Make items bigger. Rework lay-out.

USAB_12_4

Short description		Tester	Created on	Executed on	Result
Manual test: Responsiveness		Y.F.	2020-06-02	2020-06-08	NOK

Expected result	Actual result	Solution
The lay-out should be ok when using a desktop and a smartphone.	The defect page and the task page still do not take most of the page (There is still a lot of white space on these pages). The information on the summary page seems to be a smaller size and the grid is gone.	Fill almost all space without leaving whitespace. Change the grid on summary page. Rework lay-out.

USAB_12_5

Short description		Tester	Created on	Executed on	Result
Manual test: Responsiveness		Y.F.	2020-06-02	2020-06-11	NOK

Expected result	Actual result	Solution
The lay-out should be ok when using a desktop and a smartphone.	The detail page of the defects and tasks are back to the state they were in previously.	Rework most of the lay-out.

USAB_12_6

Short description		Tester	Created on	Executed on	Result
Manual test: Responsiveness		Y.F.	2020-06-02	2020-06-12	OK

Expected result	Actual result
The lay-out should be ok when using a desktop and a smartphone.	It is ok.

USAB_13_1

Short description		Tester	Created on	Executed on	Result
Manual test: Thumbs up counter Attachment TPG4-216-UAC		Y.F.	2020-06-02	2020-06-11	NOK

Expected result	Actual result	Solution
When clocking on the button, the counter should go up. When you refresh, the counter should be still saved.	On localhost this works, but on the vps, this does not work.	Change how method works.

USAB_13_2

Short description	Tester	Created on	Executed on	Result
Manual test: Thumbs up counter Attachment TPG4-216-UAC	Y.F.	2020-06-02	2020-06-12	OK

Expected result	Actual result
When clocking on the button, the counter should go up. When you refresh, the counter should be still saved.	It works properly.

USAB_14_1

Short description	Tester	Created on	Executed on	Result
Manual test: Export to Excel	Y.F.	2020-06-02	2020-06-12	OK

Expected result	Actual result
The filtered list of defects and tasks should be exported in an Excel file.	It works on multiple browsers.

USAB_15_1

Short description	Tester	Created on	Executed on	Result
Manual test: Rolls front-end Attachment TPG4-207-UAC	Y.F.	2020-06-02	2020-06-12	OK

Expected result	Actual result
The users should only see the different things on the pages according to their roles.	It works on multiple browsers.

Unit tests

UNIT_01_1

Short description	Tester	Created on	Executed on	Result
Unit tests for 'DefectServiceImpl'. - getDefectByIdReturnsCorrectDefect - getDefectByNonExistentIdThrowsException - getAllReturnsListDefects - createReturnsCreatedDefect - deleteDefectByIdIsCalled - deleteByNonExistentIdThrowsIdNotFoundException - setReportDateNowReturnsDefectWithRightReportDate - convertDefectReturnsNewDefect - changeStatusReturnsDefectWithRightStatus - assignDefectReturnsDefectWithAssignedStaff - assignDefectReturnsDefectWithSubstatusId2	A.T.	2020-05-26	2020-05-26	OK

Expected result	Actual result
All methods mentioned above should do what they are expected to do.	Defects can be requested and added. All defectservices work correctly.

UNIT_01_2

Short description	Tester	Created on	Executed on	Result
Unit test for 'DefectServiceImpl'. Checking on filetype.	J.A.	2020-05-28	2020-05-28	NOK

Expected result	Actual result	Solution
A file should only be stored if it is an image type.	NullpointerException in createWithImageReturnCreatedDefect	Manually add content-type in mockdata

UNIT_01_3

Short description	Tester	Created on	Executed on	Result
Unit test for 'DefectServiceImpl'.	J.A.	2020-05-28	2020-05-28	NOK

Expected result	Actual result	Solution
A file should only be stored if it is an image type.	NullpointerException in createWithImageReturnCreatedDefect	Changed return in method.

UNIT_01_4

Short description	Tester	Created on	Executed on	Result
Unit test for 'DefectServiceImpl'. - likeDefectReturnsCorrectLikeCountWhenUserDidntLike-TheDefect - likeDefectsReturnsCorrectLikeCountWhenUserDidLike-TheDefect - convertDefectToDefectDtoReturnsCorrectDefectDto - getAllDefectDtosReturnsListDefectDtos	A.T.	2020-05-28	2020-06-02	NOK

Expected result	Actual result	Solution
All methods mentioned above should do what they are expected to do.	Not equal in likeDefectReturnsCorrectLikeCount-WhenUserDidntLikeTheDefect	Change the method to make it more testable

UNIT_01_5

Short description	Tester	Created on	Executed on	Result
Unit test for 'DefectServiceImpl'.	A.T.	2020-05-28	2020-06-02	OK

Expected result	Actual result
All methods in the test should do what they are expected to do.	Test succeeded

UNIT_02_1

Short description	Tester	Created on	Executed on	Result
Unit test for 'CampusService'. - getCampusByIdReturnsCorrectCampus - getCampusByNonExistentIdThrowsException - getAllReturnsListCampuses - createReturnsCreatedCampus - deleteCampusByIdIsCalled - deleteByNonExistentIdThrowsIdNotFoundException	M.V.	2020-05-29	2020-05-29	OK

Expected result	Actual result
All campusservices should work correctly: Get one, get all, post, delete, ...	All services do what they should do.

UNIT_03_1

Short description	Tester	Created on	Executed on	Result
Unit test for 'FloorService'.	M.V.	2020-05-29	2020-05-29	OK

- getFloorByIdReturnsCorrectFloor
- getFloorByNonExistentIdThrowsException
- getAllReturnsListFloors
- createReturnsCreatedFloor
- deleteFloorByIdIsCalled
- deleteFloorByNonExistentIdThrowsIdNotFoundException

Expected result	Actual result
All floorservices should work correctly: Get one, get all, post, delete, …	All services do what they should do.

UNIT_04_1

Short description	Tester	Created on	Executed on	Result
Unit test for 'RoomService'.	M.V.	2020-05-29	2020-05-29	OK

- getRoomByIdReturnsCorrectRoom
- getRoomByNonExistentIdThrowsException
- getAllReturnsListRooms
- createReturnsCreatedRoom
- deleteRoomByIdIsCalled
- deleteRoomByNonExistentIdThrowsIdNotFoundException

Expected result	Actual result
All roomservices should work correctly: Get one, get all, post, delete, …	All services do what they should do.

UNIT_05_1

Short description	Tester	Created on	Executed on	Result
Unit test for 'PriorityService'.	M.V.	2020-05-29	2020-05-29	OK

- getPriorityByIdReturnsCorrectPriority
- getPriorityByNonExistentIdThrowsException
- getAllReturnsListPriorities
- createReturnsCreatedPriority
- deletePriorityByIdIsCalled
- deletePriorityByNonExistentIdThrowsIdNotFoundException

Expected result	Actual result
All priorityservices should work correctly: Get one, get all, post, delete, …	All services do what they should do.

UNIT_06_1

Short description	Tester	Created on	Executed on	Result
Unit test for 'SuperstatusService'. - getSuperstatusByIdReturnsCorrectSuperstatus - getSuperstatusByNonExistentIdThrowsException - getAllReturnsListSuperstatuses - createReturnsCreatedSuperstatus - deleteSuperstatusByIdIsCalled - deleteSuperstatusByNonExistentIdThrowsIdNotFound-Exception	M.V.	2020-05-29	2020-05-29	OK

Expected result	Actual result
All superstatusservices should work correctly: Get one, get all, post, delete, ...	All services do what they should do.

API_07_1

Short description	Tester	Created on	Executed on	Result
Unit test for 'SubstatusService'. - getSubstatusByIdReturnsCorrectSubstatus - getSubstatusByNonExistentIdThrowsException - getAllReturnsListSubstatuses - createReturnsCreatedSubstatus - deleteSubstatusByIdIsCalled - deleteSubstatusByNonExistentIdThrowsIdNotFoundException	M.V.	2020-05-29	2020-05-29	OK

Expected result	Actual result
All subservices should work correctly: Get one, get all, post, delete, ...	All services do what they should do.

UNIT_08_1

Short description	Tester	Created on	Executed on	Result
Unit test for 'RoleService'. - getRoleByIdReturnsCorrectRole - getRoleByNonExistentIdThrowsException - getAllReturnsListRole - createReturnsCreatedRole - deleteRoleByIdIsCalled - deleteRoleByNonExistentIdThrowsIdNotFoundException	B.V.C.	2020-05-29	2020-05-29	OK

Expected result	Actual result
All roleservices should work correctly: Get one, get all, post, delete, ...	All services do what they should do.

UNIT_09_1

Short description	Tester	Created on	Executed on	Result
Unit test for 'StaffService'. - getStaffByIdReturnsCorrectStaff - getStaffByNonExistentIdThrowsException - getAllReturnsListStaff - createReturnsCreatedStaff - deleteStaffByIdIsCalled - deleteStaffByNonExistentIdThrowsIdNotFoundException	B.V.C.	2020-05-29	2020-05-29	OK

Expected result	Actual result
All staffservices should work correctly: Get one, get all, post, delete, ...	All services do what they should do.

UNIT_09_2

Short description	Tester	Created on	Executed on	Result
Extra Unit test for 'StaffService'. - convertToUserReturnsCorrectUserDto	A.T.	2020-06-09	2020-06-09	OK

Expected result	Actual result
The service should return a UserDto with correct User details.	The service does what it is expected to do.

UNIT_10_1

Short description	Tester	Created on	Executed on	Result
Unit test for 'EmergencyContactService'. - getEmergencyContactByIdReturnsCorrectEmergencyContact - getEmergencyContactByNonExistentIdThrowsException - getAllReturnsListEmergencyContact - createReturnsCreatedEmergencyContact - deleteEmergencyContactByIdIsCalled - deleteEmergencyContactByNonExistentIdThrowsIdNotFoundException	M.V.	2020-06-08	2020-06-08	OK

Expected result	Actual result
All emergencycontactservices should work correctly: Get one, get all, post, delete, ...	All services do what they should do.

UNIT_11_1

Short description	Tester	Created on	Executed on	Result
Unit test for 'EmergencyContactGroupService'. - getEmergencyContactGroupBy-IdReturnsCorrectEmergencyContactGroup - getEmergencyContactGroupBy-NonExistentIdThrowsException - getAllReturnsListEmergencyContactGroup - createReturnsCreatedEmergencyContactGroup - deleteEmergencyContactGroupByIdIsCalled - deleteEmergencyContactGroupByNonExistentIdThrows-IdNotFoundException	M.V.	2020-06-08	2020-06-08	OK

Expected result	Actual result
All emergencycontactgroupservices should work correctly: Get one, get all, post, delete, ...	All services do what they should do.

UNIT_12_1

Short description	Tester	Created on	Executed on	Result
Unit test for 'TaskServiceImpl'. - getTaskByIdReturnsCorrectTask - getTaskByNonExistentIdThrowsException - getAllReturnsListTasks - createReturnsCreatedTask - deleteTaskByIdIsCalled - deleteByNonExistentIdThrowsIdNotFoundException - setReportDateNowReturnsTaskWithRightReportDate - changeStatusReturnsTaskWithRightStatus - changeStatusReturnsTaskWithRightStatus - assignTaskReturnsTaskWithAssignedStaff - assignTaskReturnsTaskWithSubstatusId2	K.K.	2020-06-08	2020-06-08	OK

Expected result	Actual result
All taskservices should work correctly: Get one, get all, post, delete, ...	All services do what they should do.

User acceptance tests

USER_Team3_1

Short description	Tester	Created on	Executed on	Result
User acceptance test on the whole application. This also is a Cross-browser test.	Team 3	2020-05-14	2020-05-16	NOK

Expected result	Actual result	Solution
The testers should not be able find any mistakes in spelling, redirecting or other visible parts of the application. All functions should work properly, and all available options should be ready to use. All tests should be performed in multiple browsers and preferably also on multiple platforms.	Attachment exercise 3 team 3	Fixed some mistakes: - spelling - layout - functions - empty pages -...

USER_ Team3_2

Short description	Tester	Created on	Executed on	Result
User acceptance test on the whole application. This also is a Cross-browser test.	Team 3	2020-05-14	2020-05-26	NOK

Expected result	Actual result	Solution
The testers should not be able find any mistakes in spelling, redirecting or other visible parts of the application. All functions should work properly, and all available options should be ready to use. All tests should be performed in multiple browsers and preferably also on multiple platforms.	Attachment exercise 3 team 3	Fixed some mistakes: - image functions - task functions - layout

USER_GroepE_1

Short description	Tester	Created on	Executed on	Result
User acceptance test on the whole application. This also is a Cross-browser and cross-system test.	Groep E	2020-05-14	2020-05-29	NOK

Expected result	Actual result	Solution
The testers should not be able find any mistakes in spelling, redirecting or other visible parts of the application. All functions should work properly, and all available options should be ready to use. All tests should be performed in multiple browsers and preferably also on multiple platforms.	Attachment exercise 3 Groep E	(being solved)

Smoke tests

SMOK_01_1

Short description	Tester	Created on	Executed on	Result
Smoke test performed by deploying our project to the VPS using GitLab.	Team 4 MeldAPp	2020-05-04	2020-05-04	OK

Expected result	Actual result
Project will be deployed to the VPS without any problems. The project will act the same way as it acted locally. There should not be any problems or conflicts at all.	Project was deployed without any conflicts and runs without any problems or errors.

SMOK_02_1

Short description	Tester	Created on	Executed on	Result
Smoke test performed by deploying our project to the VPS using GitLab.	Team 4 MeldAPp	2020-05-18	2020-05-18	OK

Expected result	Actual result
Project will be deployed to the VPS without any problems. The project will act the same way as it acted locally. There should not be any problems or conflicts at all.	Project was deployed without any conflicts and runs without any problems or errors.

SMOK_03_1

Short description	Tester	Created on	Executed on	Result
Smoke test performed by deploying our project to the VPS using GitLab.	Team 4 MeldAPp	2020-05-29	2020-05-29	OK

Expected result	Actual result
Project will be deployed to the VPS without any problems. The project will act the same way as it acted locally. There should not be any problems or conflicts at all.	Project was deployed without any conflicts and runs without any problems or errors.

SMOK_04_1

Short description	Tester	Created on	Executed on	Result
Smoke test performed by deploying our project to the VPS using GitLab.	Team 4 MeldAPp	2020-06-12	2020-06-12	OK

Expected result	Actual result
Project will be uploaded to the VPS without any problems. The project will act the same way as it acted locally. There should not be any problems or conflicts at all.	Project was deployed without any conflicts and runs without any problems or errors.

Load tests

LOAD_01_1

Short description	Tester	Created on	Executed on	Result
Following items have been tested by a Google Lighthouse review. You can find detailed information in the attachment 'Lighthouse Report Viewer.pdf'	B.V.C.	2020-06-12	2020-06-12	OK

Expected result	Actual result
The performance of our application is good to perfect. The website should load in fast and correctly.	- Performance (47) - Accessibility (94) - Best practices (85) - SEO (100) - PWA tests - Fast and reliable (1/3) - Installable (2/3) - PWA optimized (6/8)

Cross-browser and cross-system tests

We did perform multiple cross-browser and cross-system tests. You can find them under 'User acceptance tests' and 'Usability tests'. This to avoid copy pasting.

CBCS_ 01_1

Short description	Tester	Created on	Executed on	Result
Selenium test checking the good "defectpost" flow.	J.A.	2020-06-08	2020-06-08	NOK

Expected result	Actual result	Solution
After submit the browser is redirected to the "summary" page. The defect posted successfully.	The test failed. The dropdown was not selected. The submit-button was not "clicked". Some other errors occurred.	Create custom id for dropdowns on deeper level. Use JavaScript to scroll to bottom of page to make the button visible. Rework the project settings.

CBCS_01_2

Short description	Tester	Created on	Executed on	Result
Selenium test checking the good "defectpost" flow.	J.A.	2020-06-08	2020-06-09	OK

Expected result	Actual result
Test is successful and user is redirected to the "summary" page	Test is successful.

CBCS_02_1

Short description	Tester	Created on	Executed on	Result
Selenium test checking the good "taskpost" flow.	J.A.	2020-06-12	2020-06-12	OK

Expected result	Actual result
Test is successful and user is redirected to the "summary" page	Test is successful.

Conclusion

Test-results

Since we did most of the tests using multiple browsers and tested all the functionalities that we developed, we are sure that the application works and is overall bug-free.

Furthermore, we used different devices, including mobile, and responsive windows to ensure an optimized performance and representation of the web application in any size.

To have an outside input, a third party tested our application and thus we know the application is as user-friendly as possible.

From this, we can conclude that the application is sufficiently covered.

Integration tests

Integration tests evaluate the cooperation between different units.

We focused on Unit tests specifically to be sure every unit works correctly. Also, every time we merge a branch with code for a new unit into our develop branch on GitLab, we practically test the integration of the new unit.

Therefore, we did not want to put our focus on integration tests.

System tests

System Testing means testing the whole system. All the modules and components are integrated in order to verify if the system works as expected or not.

In our project, we do not have a lot of systems talking to each other. The only extern system we have is Azure to enable the log-in feature for users.

We tested the log-in feature manually and performed user acceptance tests to be sure it works like it should. The integration between components could have been tested with integration tests, but we performed those tests differently. Read 'Integration tests' for more information.

Knowing this information, we decided to not put focus on actual system tests.

Regression tests

Regression testing is defined as a type of software testing which confirms if a recent program or code change has affected existing features or not.

We covered these tests manually with every merge to the develop branch (front-end and middleware). Every new unit was tested when it was being integrated with the develop branch.

This means we practically performed multiple regression tests, which is why we did not focus on perform actual regression tests.

Security tests

We put our application to development on the same day as the deadline for this document. Because of this, we don't have time to perform the security tests.