

Test plan

Smoke-it web shop

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S3-CB03

2021

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Test strategy

This document will describe the different types of tests that will be performed for this project. They will be listed, each with some context on why I will use them.

Unit test:

Unit test will be written to continuously test features/modules of the code to ensure they are still working as intended. These unit test will be performed by the CI pipeline, every time there is a push to GIT. In combination with integration test they will ensure that new features/refactoring won't break the application.

Integration test:

Context will come later (after week 9 test lesson?)

Acceptance test:

Acceptance test are the only test that need to be performed manually. They will be set-up in such a manner that all the acceptance criteria mentioned in the backlog should be tested. They include the user story that will be tested, a pre-condition to perform the test (if needed), test date (if needed) and the expected result of the test.

If all these test have the same result as the expected result this should mean that all acceptance criteria have been met.

Front end test:

Context will come later (after week 9 test lesson?)

End to End:

Context will come later (after week 9 test lesson?)

Acceptance Test:

Color codes:

Green: Successful test

Red: unsuccessful test

No color: part of application not yet existing

	ID	Name	User story (backlog)	Pre-condition	Test data	Expected result
	Admin-Shop					
	TC-AS-01	Login to the application	SMOK19		Username: admin Password: admin	Admin is successfully logged in to the software and can see the admin tabs.
	TC-AS-02	Login with incorrect credentials	SMOK19		Username: admin Password: user	User receives a notification that the login credentials are incorrect
	TC-AS-03	Login with no connection to the database	SMOK19	No connection to the database		User receives a notification that there is no connection to the database
	TC-AS-04	See all existing boxes	SMOK3	Boxes page opened		User sees a list of boxes
	TC-AS-05	Add new subscription box	SMOK3	Logged in as Admin, boxes page opened	Name: Smoke-Kit Base price: €20 Description: Test Photo: to be added Contents: Test	User receives a message that indicates success, and sees the newly added box in the list
	TC-AS-06	Add new subscription box without all necessary information	SMOK3	Logged in as user, boxes page opened	Name: Smoke-Kit Base price: €20 Description: Photo: to be added Contents:	User receives message indicating data is missing.
	TC-AS-07	Edit existing box	SMOK3	Logged in as Admin, selected a specific box	Name: Updated Base price: €18 Description: Updated	User receives a message indicating success, and

					Photo: to be added Content: Updated	sees the new information on the specific box page
	TC-AS-08	Delete existing box	SMOK3	Logged in as Admin, selected a specific box		User receives message indicating success, and does no longer see the previous selected box.
	TC-AS-09	Edit information on about us page	SMOK12	Logged in as Admin, Selected about us page	Text to insert: Hello, I am testing the application.	User receives confirmation, and sees changes on about us page
	TC-AS-10	See information on about us page	SMOK12	Selected about us page		User sees the information on the about us page
	TC-AS-11	Edit information on contact page	SMOK12	Logged in as Admin, Selected contact page	Text to insert: Hello, this is new information	User receives confirmation and sees the changes on the contact page
	TC-AS-12	See information on contact page	SMOK12	Selected contact page		User sees the information on the contact page
	TC-AS-13	See the newsfeed	SMOK13	Selected main page		User sees the newsfeed
	TC-AS-14	Add new message to newsfeed	SMOK13	Logged in as Admin, selected main page	Title: test message Content: I am testing again	User receives message indicating success and sees the new news item appear in the newsfeed
	TC-AS-14	Add new message with invalid content/title	SMOK13	Logged in as admin, selected main page	Title: incorrect content Content: / Title: Content: incorrect title	User receives a message indicating the content/title is not valid
	TC-AS-15	Edit news message	SMOK13	Logged in as admin, at least 1 news message already created	Title: new test title Content: new test content	User receives message indicating success, sees the changes appear in the newsfeed

	TC-AS-16	Edit news message with an invalid title/content	SMOK13	Logged in as admin, at least 1 news message already created	Title: incorrect content Content: / Title: Content: incorrect title	User receives message indicating content/title is invalid
	TC-AS-17	Delete an existing message	SMOK13	Logged in as admin, at least 1 news message already created		User receives message indicating success and does no longer see the deleted news item
	Customer-Shop					
	TC-CS-01	See all existing subscription boxes	SMOK1	Boxes page opened		User can see a list of all boxes with base price
	TC-CS-02	Sort boxes based on base price	SMOK1	Boxes page opened	Filter from price up -> down	User can see boxes arranged from price up -> down
	TC-CS-03	See an individual box's details	SMOK2			User gets redirected to page where all details of the selected box are displayed
	TC-CS-04	See the fluctuating price of any box	SMOK6	Individual box is selected	Duration: 6 months Amount: 6 boxes/ Amount: 3 boxes	User can see the price change based on the amount of boxes
	TC-CS-05	Continue to checkout	SMOK-7	Individual box is selected	Duration: 6 months Amount: 6 boxes	User gets redirected to the checkout page
	TC-CS-06	Continue to checkout without month/amount selection	SMOK-7	Individual box selected		User receives notification that both the duration and amount have to be selected before continuing
	TC-CS-07	Give personal information for checkout	SMOK-8	Performed TC-CS-05 successfully	Name: test Address: test	User gets redirected to the payment page

	TC-CS-08	Give personal information for checkout fail	SMOK-8	Performed TC-CS-05 successfully		User receives notification to fill in all fields
	TC-CS-09	See information on about us page	SMOK-15	On the about us page		User sees the information displayed on the screen
	Stock					
	TC-S-01	See amount of ordered boxes	SMOK-4			The user sees a list of boxes, combined with the amount of orders

Version history

When?	What?
09/09/2021	First draft of document
14/09/2021	Finished test cases Admin-shop (for now) Added all test cases for Sprint 1 (for now)
05/10/2021	Added context for the unit test since they will be implemented soon
07/10/2021	Added color codes to indicate the success of the UATs
14/10/2021	Added some of UATs for backlog items of sprint 3
04/11/2021	Added all UATs for sprint 3 Color coded test results for UATs