Test plan
Smoke-it web shop

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S3-CB03

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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 attended. 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:

<mark style="background-color: green">Green: Successful test</mark>

<mark style="background-color: red">Red: unsuccessful test</mark>

No color: part of application not yet existing

ID	Name	User story (backlog)	Pre-condition	Test data	Expected result
				Admin-Shop	
<mark style="background-color: #00ff00">TC-AS-01</mark>	Login to the application	SMOK19		*Username:* admin *Password: admin*	Admin is successfully logged in to the software and can see the admin tabs.
<mark style="background-color: red">TC-AS-02</mark>	Login with incorrect credentials	SMOK19		*Username:* admin *Password:* user	User receives a notification that the login credentials are incorrect
<mark style="background-color: red">TC-AS-03</mark>	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
<mark style="background-color: #00ff00">TC-AS-04</mark>	See all existing boxes	SMOK3	Boxes page opened		User sees a list of boxes
<mark style="background-color: #00ff00">TC-AS-05</mark>	Add new subscription box	SMOK3	Logged in as Admin, boxes page opened	Name: Smoke-Kit Base price: €20 Description: Test Photo: <mark style="background-color: yellow">to be added</mark> Contents: Test	User receives a message that indicates success, and sees the newly added box in the list
<mark style="background-color: #00ff00">TC-AS-06</mark>	Add new subscription box without all necessary information	SMOK3	Logged in as user, boxes page opened	Name: Smoke-Kit Base price: €20 Description: Photo: <mark style="background-color: yellow">to be added</mark> Contents:	User receives message indicating data is missing.
<mark style="background-color: #00ff00">TC-AS-07</mark>	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: <mark>to be added</mark> Content: Updated	sees the new information on the specific box page
<mark style="background-color:green">TC-AS-08</mark>	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	Order 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
				Stock		
	TC-S-01					

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 UAT's