



Test Report

Idv508 Web shop



Författare: Team 1
Examinator: Tobias
Andersson
Termin: VT-19
Ämne: Project Course in CS
Kurskod: 1DV005



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Overview

HOW THIS WORKS:

PICK A TEST CASE,

TEST

GO TO TEST RESULTS DOWN BELOW,

UPDATE THE TABLES WITH YOUR RESULTS

**FEEL FREE TO ADD NEW TESTS, THE MORE THE
MERRIER.**

The purpose of this document is to present the design of the testing plan and the results of the test performed on the WebShop application created by team 1.

For more information about requirements and user stories, please refer to their documentation.

Background

Team 1 aims to create a web e-commerce that can be accessed via browser to present a group of products that can be bought by customers and managed by an administrator.

The main goal of team 1 is to deploy a functional application using Angular and Firebase. The problematic of the lack of knowledge on Angular made it impossible to design unit and implementation testing using karma, so the testing will proceed by manual tests.

Developers will execute test cases without any automation tool more than console checks. This type of testing will not detect all bugs, but for the main objective of the project, it will work by detecting errors in the development of user stories that affect the end user.

Test environment

OS:

- Windows 10

Browser:

- Chrome version 73
- Firefox Quantum version 67.0



Test Cases

Test ID	MT-1	Test Name	Login with admin
Use Story	4724		
Scenario	We use an admin account to log in in the application		
Pre-condition	An admin account		
Post-Condition	The applications log the user		
Steps	<ol style="list-style-type: none">1. Access the webshop2. Access the login component3. Log by using a google account		
Expected Result	The user is able to log		

Test ID	MT-2	Test Name	Login with user
Use Story	4722		
Scenario	A user is able to log in the webshop		
Pre-condition	The user has to have a google account.		
Post-Condition			
Steps	<ol style="list-style-type: none">1. Access login component2. Access button for login		
Expected Result	The user is able to log in. The user name shows in the navigation bar.		

Test ID	MT-3	Test Name	Admin manage product page
Use Story	4724		
Scenario	An administrator should be able to access the manage products page and see the products in the database		
Pre-condition	A user with an administrator account. At least one course in the database.		
Post-Condition			



Steps	1. Admin navigates to manage courses 2. Admin is able to see a list of products
Expected Result	The user is able to see the products listed.

Test ID	MT-4	Test Name	Admin creates products
Use Story	4724, 4726, 4730		
Scenario	An administrator should be able to create a product		
Pre-condition	At least 1 product stored in the database. A file to be included in the product.		
Post-Condition	The new course is added to the database.		
Steps	1. Navigate to manage courses 2. Access button for new courses 3. Fill the template with data 4. Add file to the template 5. Add a new course		
Expected Result	The course is saved in the database and in the management course list of courses.		

Test ID	MT-5	Test Name	Admin updates products
Use Story	4724, 4726, 4728		
Scenario	An administrator should be able to update a product		
Pre-condition	At least 1 course in the database		
Post-Condition	The course selected to update data is changed		
Steps	1. Select a course to modify 2. Change the course information 3. Update the course		
Expected Result	The course information has been updated in the database and now shows in the management courses page		

Test ID	MT-6	Test Name	Admin deletes products
Use Story	4724, 4726, 4729		
Scenario	An administrator should be able to delete a product		



Pre-condition	An administrator should be able to delete a product
Post-Condition	At least 1 course in the database
Steps	<ol style="list-style-type: none">1. Select a course to modify2. Select button "delete"
Expected Result	The course is no longer in the database and does not appear in the management courses page

Test ID	MT-7	Test Name	Admin manage categories
Use Story	4725		
Scenario	An administrator should be able to create a category		
Pre-condition			
Post-Condition	The new category is added to the database.		
Steps	<ol style="list-style-type: none">1. Navigate to manage categories2. Select new category3. Fill the template with data4. Select add category		
Expected Result	The category is saved in the database.		

Test ID	MT-8	Test Name	Admin edit categories
Use Story	4725		
Scenario	An administrator should be able to edit a category		
Pre-condition	At least one category in the database		
Post-Condition	The category information changes		
Steps	<ol style="list-style-type: none">1. Select category update button2. Change information		
Expected Result	The category data has been changed		

Test ID	MT-9	Test Name	Admin delete categories
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Use Story	4725
Scenario	An administrator should be able to delete a category
Pre-condition	At least one category in the database
Post-Condition	The category is deleted
Steps	<ol style="list-style-type: none">1. Select category update button2. Select delete category button
Expected Result	The category has been deleted

Test ID	MT-10	Test Name	Category filters products
Use Story	4725		
Scenario	User should be able to filter products by category		
Pre-condition	At least two courses from different categories		
Post-Condition			
Steps	<ol style="list-style-type: none">1. Select category from the main page		
Expected Result	The courses will filter to only those from the selected category.		

Test ID	MT-11	Test Name	Show stock of products
Use Story	4727		
Scenario	The user is able to see the stock of products		
Pre-condition	At least a course in database		
Post-Condition			
Steps	<ol style="list-style-type: none">1. Navigate to the main page2. Select a course		
Expected Result	The courses show the stock in their information page.		

Test ID	MT-12	Test Name	Stock constriction
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Use Story	4727
Scenario	As an administrator, I can specify how many copies of a product are available so that I don't sell products I don't have
Pre-condition	
Post-Condition	
Steps	
Expected Result	

Test ID	MT-13	Test Name	User search for products
Use Story	4731		
Scenario	The user wants to search for a specific course.		
Pre-condition	At least a course in the database		
Post-Condition			
Steps	1. The select input search bar on the main page 2. Write the name of a course		
Expected Result	The course with the selected name is filtered		

Test ID	MT-14	Test Name	Add to Shopping cart
Use Story	4732		
Scenario	The user wants to add items to the shopping cart.		
Pre-condition	The user is logged in the system		
Post-Condition			
Steps	1. Select add to cart button from a product		
Expected Result	The shopping cart is updated with the number of products in the shopping cart		



Test ID	MT-15	Test Name	The user checks shopping cart
Use Story	4733		
Scenario	The user wants to check the items from the shopping cart.		
Pre-condition	The user added an item to the shopping cart		
Post-Condition			
Steps	Navigate to the shopping cart		
Expected Result	The shopping cart shows an overview of the courses added		

Test ID	MT-16	Test Name	User edits the shopping cart
Use Story	4734		
Scenario	The user wants to edit the products from the shopping cart.		
Pre-condition	The user shopping cart has at least one item		
Post-Condition			
Steps	<ol style="list-style-type: none">1. Navigate to the shopping cart2. Add an extra copy of a course3. Remove the extra copy of a course		
Expected Result	The shopping cart updates according to the new information.		

Test ID	MT-17	Test Name	The user deletes the shopping cart
Use Story	4734		
Scenario	The user wants to delete the products from the shopping cart.		
Pre-condition	The user shopping cart has at least one item		
Post-Condition			
Steps	<ol style="list-style-type: none">1. Navigate to the shopping cart2. Delete course from the shopping cart3. Delete all the courses from the shopping cart		
Expected Result	The shopping cart updates according to the new information. When there are no items in the shopping cart, the buttons to check out disappear.		



Test ID	MT-18	Test Name	Product Rating
Use Story	4735		
Scenario	The user is able to rate a product		
Pre-condition	At least one course in the database		
Post-Condition			
Steps	<ol style="list-style-type: none">1. Select course2. Select the number of stars3. Select the vote button		
Expected Result	The stars displaying the rate will update according to the number of stars rated.		

Test ID	MT-19	Test Name	Deal of the day
Use Story	4736		
Scenario	The administrator wants to flag a course as a deal of the day		
Pre-condition	At least one course in the database		
Post-Condition			
Steps	<ol style="list-style-type: none">1. Navigate to manage courses2. Select the button to create a deal		
Expected Result	The information is updated in the database and the selected course shows a ribbon in the main page.		

Test ID	MT-20	Test Name	User address reusable
Use Story	4737		
Scenario	A user wants to save their address		
Pre-condition	At least a user account		
Post-Condition			
Steps	<ol style="list-style-type: none">1. Select my profile options2. Add new information to the template		
Expected Result	The address is saved in the database		



Test ID	MT-202	Test Name	User address reusable 2
Use Story	4737		
Scenario	A user is able to reuse their address when checking out		
Pre-condition			
Post-Condition			
Steps			
Expected Result			

Test ID	MT-22	Test Name	Filter products by the rate
Use Story	4738		
Scenario	A user wants to see the courses in home page ordered by the rate		
Pre-condition	At least two courses in the database		
Post-Condition			
Steps	<ol style="list-style-type: none">1. Select filter drop down2. Select filter by rate		
Expected Result	The courses will order themselves by rate.		

Test ID	MT-23	Test Name	Checking out products
Use Story	4739		
Scenario	A user wants to check out the shopping cart		
Pre-condition	At least one course in shopping cart		
Post-Condition			
Steps	<ol style="list-style-type: none">1. Navigate to the shopping cart2. Select button to check out		
Expected Result	The order is processed and saved in the database		

Test ID	MT-24	Test Name	Email with changes
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Use Story	4740
Scenario	A user receives an email when the product changes
Pre-condition	
Post-Condition	
Steps	
Expected Result	



Test Results

Overview

Test ID	Name	Browser	Status
MT-1	Login with admin	Chrome, Firefox	Pass



Assessment

This sections will describe the test cases that have been executed and the results.

Manual Tests

Test ID		Test Name	
Use Story			
Scenario			
Pre-condition			
Post-Condition			
Steps			
Expected Result			
Actual Result			
Status		Tester	

Test ID	MT-1	Test Name	Login with admin
Use Story	4724		
Scenario	We use an admin account to log in in the application		
Pre-condition	An admin account		
Post-Condition	The applications log the user		
Steps	<ol style="list-style-type: none">1. Access the webshop2. Access the login component3. Log by using a google account		
Expected Result	The user is able to log		
Actual Result	The user was able to log		
Status	OK	Tester	Helena

Test ID	MT-2	Test Name	Login with user
Use Story	4722		



Scenario	A user is able to log in the webshop		
Pre-condition	The user has to have a google account.		
Post-Condition			
Steps	3. Access login component 4. Access button for login		
Expected Result	The user is able to log in. The user name shows in the navigation bar.		
Actual Result	The user was able to log		
Status	OK	Tester	Helena

Test ID	MT-3	Test Name	Admin manage product page
Use Story	4724		
Scenario	An administrator should be able to access the manage products page and see the products in the database		
Pre-condition	A user with an administrator account. At least one course in the database.		
Post-Condition			
Steps	3. Admin navigates to manage courses 4. Admin is able to see a list of products		
Expected Result	The user is able to see the products listed.		
Actual Result			
Status		Tester	

Test ID	MT-4	Test Name	Admin creates products
Use Story	4724, 4726, 4730		
Scenario	An administrator should be able to create a product		
Pre-condition	At least 1 product stored in the database. A file to be included in the product.		
Post-Condition	The new course is added to the database.		
Steps	6. Navigate to manage courses		



	7. Access button for new courses 8. Fill the template with data 9. Add file to the template 10. Add a new course		
Expected Result	The course is saved in the database and in the management course list of courses.		
Actual Result			
Status		Tester	

Test ID	MT-5	Test Name	Admin updates products
Use Story	4724, 4726, 4728		
Scenario	An administrator should be able to update a product		
Pre-condition	At least 1 course in the database		
Post-Condition	The course selected to update data is changed		
Steps	11. Select a course to modify 12. Change the course information 13. Update the course		
Expected Result	The course information has been updated in the database and now shows in the management courses page		
Actual Result			
Status		Tester	

Test ID	MT-6	Test Name	Admin deletes products
Use Story	4724, 4726, 4729		
Scenario	An administrator should be able to delete a product		
Pre-condition	An administrator should be able to delete a product		
Post-Condition	At least 1 course in the database		
Steps	14. Select a course to modify 15. Select button "delete"		
Expected Result	The course is no longer in the database and does not appear in the management courses page		
Actual Result			



Status		Tester	
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Test ID	MT-7	Test Name	Admin manage categories
Use Story	4725		
Scenario	An administrator should be able to create a category		
Pre-condition			
Post-Condition	The new category is added to the database.		
Steps	16. Navigate to manage categories 17. Select new category 18. Fill the template with data 19. Select add category		
Expected Result	The category is saved in the database.		
Actual Result			
Status		Tester	

Test ID	MT-8	Test Name	Admin edit categories
Use Story	4725		
Scenario	An administrator should be able to edit a category		
Pre-condition	At least one category in the database		
Post-Condition	The category information changes		
Steps	20. Select category update button 21. Change information		
Expected Result	The category data has been changed		
Actual Result			
Status		Tester	

Test ID	MT-9	Test Name	Admin delete categories
Use Story	4725		
Scenario	An administrator should be able to delete a category		



Pre-condition	At least one category in the database		
Post-Condition	The category is deleted		
Steps	22. Select category update button 23. Select delete category button		
Expected Result	The category has been deleted		
Actual Result			
Status		Tester	

Test ID	MT-10	Test Name	Category filters products
Use Story	4725		
Scenario	User should be able to filter products by category		
Pre-condition	At least two courses from different categories		
Post-Condition			
Steps	24. Select category from the main page		
Expected Result	The courses will filter to only those from the selected category.		
Actual Result	The courses are filtered by category		
Status	OK	Tester	Helena

Test ID	MT-11	Test Name	Show stock of products
Use Story	4727		
Scenario	The user is able to see the stock of products		
Pre-condition	At least a course in database		
Post-Condition			
Steps	25. Navigate to the main page 26. Select a course		
Expected Result	The courses show the stock in their information page.		
Actual Result	The courses show their stock		
Status	OK	Tester	Helena



Test ID	MT-13	Test Name	User search for products
Use Story	4731		
Scenario	The user wants to search for a specific course.		
Pre-condition	At least a course in the database		
Post-Condition			
Steps	27. The select input search bar on the main page 28. Write the name of a course		
Expected Result	The course with the selected name is filtered		
Actual Result	The search works and shows the wanted course		
Status	OK	Tester	Helena

Test ID	MT-14	Test Name	Add to Shopping cart
Use Story	4732		
Scenario	The user wants to add items to the shopping cart.		
Pre-condition	The user is logged in the system		
Post-Condition			
Steps	29. Select add to cart button from a product		
Expected Result	The shopping cart is updated with the number of products in the shopping cart		
Actual Result	The button works properly and the course is added to the shopping cart		
Status	OK	Tester	Helena

Test ID	MT-15	Test Name	The user checks shopping cart
Use Story	4733		
Scenario	The user wants to check the items from the shopping cart.		
Pre-condition	The user added an item to the shopping cart		
Post-Condition			



Steps	Navigate to the shopping cart		
Expected Result	The shopping cart shows an overview of the courses added		
Actual Result	The shopping cart page shows with the courses selected		
Status	OK	Tester	Helena

Test ID	MT-16	Test Name	User edits the shopping cart
Use Story	4734		
Scenario	The user wants to edit the products from the shopping cart.		
Pre-condition	The user shopping cart has at least one item		
Post-Condition			
Steps	4. Navigate to the shopping cart 5. Add an extra copy of a course 6. Remove the extra copy of a course		
Expected Result	The shopping cart updates according to the new information.		
Actual Result	The shopping cart page shows with the courses selected		
Status	OK	Tester	Helena