



Report

Project Course in Computer Science *- Test Case document*



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1 Revision History

Change	Description	Name and Date
Created the test case document	Created the document and wrote down all the tests	Robin Reijo 22/4 - 2016
Created Revision history table	included a revision history table to the document	Michael Johansson, 22/4 - 2016
Updated document	updated the document with the stuff we got on the seminar	Michael Johansson 8/5 - 2016

2 Introduction

The purpose of this test case document is to showcase what the system shall be tested upon. For this purpose we use tables to organize the work. Where you can look up what tests there are and requirements we put up for the intended test, and also how to test it and what we should expect of each of the tests.

3 Test Cases - general

Test Cases				
Test	ID	Requirements	How to test	Expected result
1	1.	The webshop must contain any number of products	Search for an empty string in the search bar to get all products in the database	Should show products on the result page.
2	1.1	All information regarding the product is stored in the database.	Log in as admin and go to add new product, add information in the field and press add button	The added product should be shown in the database.
3	1.2	A product shall contain product name, category, quantity, price, description and an image.	Search for an empty string in the search bar to get all products in the database and check so no fields are missing	The product should contain all of the requirements.
4	1.3	A placed order will be placed in the database	Add products to your cart, from there click the checkout button and from that page click purchase	Order should be able to be checked with the Ordernumber from Orderstatus page
5	1.3.1	Quantity changes made will be updated in database	Do as in test 4 to place an order with one quantity of the product	Quantity should be updated with minus 1 in the database

4 Test Cases - Customer

Test Cases				
Test	ID	Requirements	How to test	Expected result
6	2.	A customer shall be able to browse product	Search for a product and then click the product to come to its page	Should come to the specific products page
7	2.	A customer shall be able to browse product	Go into a category and press a product	Should come to the specific products page
8	2.	A customer shall be able to browse product	Press a product in the new section of the frontpage	Should come to the specific products page
9	2.1.1	A customer shall be able to show products by category	Click a category to show category specific products	Should show product by category
10	2.2	A customer shall be able to put a product in the shopping cart	Search for a product, add it to the cart and press go to cart	Should show newly added product.
11	2.2.1	A customer shall be able to change quantity while in the shopping cart.	Add a product to the cart then change quantity on the product by pressing on the quantity button and change to desired number.	Should update products in cart and change the quantity of the product
12	2.2.2	A customer shall be able to remove a product with one click	Press the remove button at the desired product.	Product should be removed from the shopping cart.
13	2.3	A customer shall be able to make an order	Go to shopping cart page, fill in the form with personal information and press purchase.	Customer should be able to see the placed order when going to customers individual page with its order-number.
14	2.3.1	A customer shall be given an auto generated order number	Press purchase on the order form.	Should give the customer the number.
15	2.3.2	A customer shall be able to view the status on his or her order.	Use the auto generated number to get to the page.	Should show the status of the order.

5 Test Cases - Administrator

Test Cases				
Test	ID	Requirements	How to test	Expected result
16	3.2.2	Admin shall be able to change information about a product	Log in to admin page and press edit product, change a field and press edit	Should show newly added information of the product when it is viewed.
17	3.2.3	Admin shall be able to add a category	Log in to admin page and press add category, then add a category	New category should be visible when adding a new product or at the category list
18	3.2.3	Admin shall be able to remove a category	Log in to admin page and press edit category, remove a category	Removed category must be removed from category list
19	3.2.3	Admin shall be able to edit a category	Log in to admin page and press edit category, change a category	New category information should be visible when adding a new product or at the category list
20	3.3	Admin shall be able to add new admin accounts	Add a new admin account on the add new admin page	The new admin account should be visible in the database and an admin should be able to login using the new details.
21	3.4	Admin shall be able to remove an admin account	remove a admin account on the edit admin page	The admin account should not be visible in the database and admin cant login.
22	3.4	Admin shall be able to edit an admin accounts password	edit a admin account password on the edit admin page	The admin should only be able to log in with the new password
23	3.5	Admin shall be able to view all order of all customers.	Login into admin system, all order appear on admin edit orders page.	Should display all the orders made by customers
24	3.5.1	Admin shall be able to update status on every order	Login as admin, go to the targeted customers random generated number ordered page and change status to new shipped, delayed and delivered and returned	Should show newly updated status on show all order page and individual order page.