Report

Project Course in Computer Science
- *Test Case document*

Author: Quasim Aljbarah, Michael Johansson, Tadas Lisauskas, Zeyuan Li, Robin Reijo and Robin Stempa
Supervistor: Ola Petersson
Semester: VT 2016
Subject: 1DV508

Innehåll

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
Updated the tabular	Updated the tabular with more tabs and post/pre condition	Michael Johansson 16/5 - 2016
Updated Test case	Updated some cases and included post/pre conditions on all test cases	Michael Johansson 17/5 - 2016

2 Introduction

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

3 Test Cases - general

Test Cases						
Test	R.ID	Requirements	Pre condition	How to test	Post condition	Expected result
1	1.	The webshop must contain any number of products	Have the mySQL database running	Search for an empty string in the search bar to get all products in the database		Should show all products on the result page.
2	1.1	All information regarding the product is stored in the database.	Be logged in as admin	Go to add new product, add information in the field and press add button	The added product should be shown in the database.	See a success text appear
3	1.2	A product shall contain product name, category, quantity, price, description and an image.	Have the mySQL database running	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	Have the mySQL database running	Add products to your cart, from there click the checkout button and from that page click purchase	Order should be placed in the database	Should se a conformation of the placed order.
5	1.3.1	Quantity changes made will be updated in database	Have the mySQL database runnning, look in the database for the quantity of the product tested	Do as in test 4 to place an order with one quantity of the product	Quantity should update with minus 1 in the database	Should se a conformation of the placed order.

4 Test Cases - Customer

Test Cases						
Test	R.ID	Requirements	Pre condition	How to test	Post condition	Expected result
6	2.	A customer shall be able to browse product	The product must be in the database	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	The product should be connected to the category	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	The product must be in the new section	Press a product in the new section of the front-page		Should come to the specific products page
9	2.1.1	A customer shall be able to show products by category	The category must have products connected to it	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	Have a blank cart	Search for a product, add it to the cart and press go to cart	have just this product in the cart with 1 as quantity	Should show newly added product.
11	2.2.1	A customer shall be able to change quantity while in the shoping cart.	Have a product in the cart	go to cart then change quantity on the product in the drop down menu.	should have the new quantity in the drop down box	Should update the quantity of the product and add the new total price and number of products
12	2.2.2	A customer shall be able to remove a product with one click	Have one product in the cart	Press the remove button.	Product should be removed from the shopping cart.	Cart should be empty
13	2.3	A customer shall be able to make an order	Have some products in a cart	Go to shoping cart page, press go to checkout, fill in the form with personal information and press purchase.	Order should be in the database	Should se a order confirmation with the order number
14	2.3.1	A customer shall be given an auto generated order number	Check the last order number in the database, add product to cart and insert information in the order form	Press purchase on the order form.	order number should be a old order number plus one	Should se a order confirmation with the order number
15	2.3.2	A customer shall be able to view the status on his or her order.	Take a order number from the database	Write in a order number in the check order box		Should show the status of the order confirmation page.

5 Test Cases - Administrator

Test Cases						
Test	R.ID	Requirements	Pre condition	How to test	Post condition	Expected result
16	3.2.2	Admin shall be able to change information about a product	Log in as admin	Press edit product, change a field and press edit	Product information should be changed in the database	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 as admin	Press add category, then add a category	Category should be added in the database	New category should be visible in the drop down menu
18	3.2.3	Admin shall be able to remove a category	Log in as admin	Press edit category, remove a category	Category should be removed from the database	Removed category must be removed from the drop down menu
19	3.2.3	Admin shall be able to edit a category	Log in as admin	Press edit category, change a category	Category name should be changed and all category fields in products should be changed	New category information should be visible in the drop down menu
20	3.3	Admin shall be able to add new admin accounts	Log in as admin	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.	Should se a success text
21	3.4	Admin shall be able to remove an admin account	Log in as admin	remove a admin account on the edit admin page	The admin account should not be visible in the database and admin cant login.	Should se a success text
22	3.4	Admin shall be able to edit an admin accounts password	Log in as admin	edit a admin account password on the edit admin page	The admin should only be able to log in with the new password	The password should change on the page
23	3.5	Admin shall be able to view all order.	Log in as admin	Press Edit Orders		Should display all the orders made by customers
24	3.5.1	Admin shall be able to update status on every order	Log in as admin	Press edit Orders, press edit on a order and change the status	Status on order in the database should change	Should show newly updated status on edit order page