

Programming Applications and Frameworks

Group Project – Individual Report

SellNBye System

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Batch : DS-WE

Group Number : 06

Workload : Implementation of the shopping cart.

API of add to cart

GET /addCart //Gets the current shopping cart

GET/save-cart//Creates the shopping cart in the database if it does not exist yet

POST/show-cart//Saves the shopping cart item to the shopping cart

POST/edit-cart//updates new items in shoppingcart

POST/delete-cart//delete unwanted items in shoppingcart

Activity diagram for shoppingcartA close up of text on a white background

Description automatically generated

A close up of a map

Description automatically generatedA screenshot of a cell phone

Description automatically generatedclass diagram usecase diagram

A close up of a map

Description automatically generated

flow chart

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Service Development and Testing Tool Used

* Tool used
* Frontend jsp:css,Java script,validations
* Backend Spring servlet
* Database:mysql workbench
* Server:Tomcat server

Testing methodology and results

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test id | Test Description/Test steps | Test Inputs(s) | Expected output(s) | Expected output(s) | Result(pass/fail) |
| 1 | View shoppingcart | To view shoppingcart  Click the button “shoppingcart” | Shopping cart page | Shopping cart page | success |
| 2 | Edit user details  1.quantity  2.size | From “shoppingcart”  Page click button”update”and enter updates details | Displaing “shoppingcart”  Page with updated details | Displaing “shoppingcart”  Page with updated details | success |
| 3 | Delete shopping cart Items | From “shoppingcart”  Page click button”delete” | Deleting the item in “shoppingcart” | Deleting the item in “shoppingcart | success |

GITHub link

<https://github.com/hirunip/PAF_GROUP_PROJECT_DS.git>

References

* Paf lectures
* <https://o7planning.org/en/10683/create-a-shopping-cart-web-application-with-spring-boot-hibernate>