Customer Review Exercise Solution

1. Provide a way to get a product’s total number of customer reviews whose ratings are within a given range (inclusive).

* *Created a CustomerReviewUtility.java class in package de.hybris.platform.customerreview.*
* *Set the property customerReviewService in the customerview-spring.xml file to inject the instance in the CustomerReviewUtility.java*
* *Created a method named getNumberOfReviewsPerRange() which calls the subsequent method in CustomerReviewService.*
* *Created subsequent methods in all classes required to fetch this data. Following classes have been changed:-*
  + *DefaultCustomerReviewService.java*
  + *GeneratedCustomerReviewManager.java*
  + *CustomerReviewManager.java – Method to fetch the data based on the requirement.*

1. Add the following additional checks before creating a customer review:
   1. Your service should read a list of curse words. This list should not be defined in Java class.

* *Created a curse.properties file which contains the course words.*
* *Made the changes in the customerview-spring.xml file to load the property file.*
* *Fetched the values from properties file in the CustomerReviewUtility.java class.*
  1. Check if Customer’s comment contains any of these curse words. If it does, throw an exception with a message.
* *Created hasNoCurseWords() in the CustomerReviewUtility.java class and called it from createCustomerReview() method to check if comment has any curses.*
  1. Check if the rating is not < 0. If it is < 0, throw an exception with a message.
* *Handled this condition* in the *createCustomerReview() method.*

If all the rules are passed, go ahead and create the customer review.

1. Ensure the new functionality can be used elsewhere in the application (i.e. a bean containing the new functionality is defined within the customerreview-spring.xml).
   * + *Created the bean in the customerreview-spring.xml file.*