1. answer

Public class mycustomerreviews{

This method will return all the reviews count between 1 and 5 .

**public** Integer getNumberOfReviews(SessionContext ctx, ~~Product~~ item)

{ String query = "SELECT count(\*) FROM {" +CustomerReview + "} WHERE {" +

"product" + "} =?product AND {”+product.productReviews+"} BETWEEN 1 AND 5”;

Map<String, ~~Product~~> values = Collections.*singletonMap*("product", item);

List<Integer> result = ~~FlexibleSearch~~.*getInstance*()

.search(query, values, Collections.*singletonList*(Integer.**class**), **true**,

**true**, 0, -1).getResult();

**return** (Integer)result.iterator().next(); }

}

}

1. answer

properties file define below values (here I have mention a as list)

//a= badword1, badword2, badword3, badword4"r;

// please comments some code to run this successfully.because here I called the create customerreview method.

package com.test;

import java.util.regex.Pattern;

import java.util.function.\*;

public class FilterCurseWords {

//Here I have define Curse words

final static String CURSE\_WORDS = "badword1, badword2, badword3, badword4";

//here we can read properties value from using this serevice

// List<Oblect>objlist= configurationservice.getconfiguration.getList(“p”,a);

public static void main(String[] args) {

// TODO Auto-generated method stub

String input = "hello badword1";

FilterCurseWords fCW = new FilterCurseWords();

System.out.println(fCW.checkCurseWord(input));

}

//This is the method to check curse words from give list.

String checkCurseWord(String userInput){

String result = "proper word";

if(userInput == null){

return result;

}

userInput.replaceAll(",", " ");

userInput.replaceAll(".", " ");

String usrIp[] = userInput.split(" ");

String baseValues[] = CURSE\_WORDS.split(",");

boolean tester = false;

for(String usrVal : usrIp){

System.out.println("User input:"+usrVal);

for (String baseValue : baseValues){

System.out.println("Base Value:"+baseValue);

if(usrVal.equalsIgnoreCase(baseValue)){

result = "Bad Word found "+usrVal;

System.out.println(result);

tester = true;

break;

}

}

if(tester){

break;

}

}

return result;

}

}

This is the Service we can access all the properties values in java class.

List<Oblect>objlist= configurationservice.getconfiguration.getList(“p”,a);

Public class mycustomerreviews{

@Autowire

configurationservice configurationservice;

**public** CustomerReview createCustomerReview(Double rating, String headline, String comment, User user, ~~Product~~ product)

{

Map<String, Object> params = **new** HashMap();

params.put("comment", comment);

params.put("headline", headline);

params.put("rating", rating);

params.put("user", user);

params.put("product", product);

// a is define in properties file properties file value

List<Oblect>objlist= configurationservice.getconfiguration.getList(”p”,”a”);

//CALL THIS METOD TO STORE COMMETS VALUE it will take map as input

FilterCurseWords fCW = new FilterCurseWords();

//U can do like this

//String testinput=fCW.checkCurseWord(comment);

CustomerReview custreview = createCustomerReview(params);

If(objlist.contents(testinput) || (rating<1)){

New Exception(“please don’t write curse words while writing the reviews and plase provide ”)

}

Else{

modelService.save(custreview);

}

}

3)answer

customerreview-spring.xml

<alias alias=*"* FilterCurseWords *"* name=*"* FilterCurseWords *"*/>

<bean id=*"* FilterCurseWords *"* class=*"com.test.*FilterCurseWords *"* scope=*"tenant"*>

</bean>

<alias alias=*"* mycustomerreviews *"* name=*"* mycustomerreviews *"*/>

<bean id=*"* FilterCurseWords *"* class=*"com.test.* mycustomerreviews *"* scope=*"tenant"*>

<property name=*"modelService"* ref=*"modelService"*/>

<property name=*"configurationService"* ref=*"configurationService"*/>

</bean>