# **Surefire Report**

#### **Summary**

[Summary] [Package List] [Test Cases]

Tests	Errors	Failures	Skipped	Success Rate	Time
92	0	0	0	100%	25.201

Note: failures are anticipated and checked for with assertions while errors are unanticipated.

# **Package List**

[Summary] [Package List] [Test Cases]

Package	Tests	Errors	Failures	Skipped	Success Rate	Time
com.persistence	9	0	0	0	100%	0.011
com.rest	29	0	0	0	100%	1.569
com.Selenium	2	0	0	0	100%	17.056
com.service	52	0	0	0	100%	6.565

Note: package statistics are not computed recursively, they only sum up all of its testsuites numbers.

#### com.persistence

Class	Tests	Errors	Failures	Skipped	Success Rate	Time
IngredientsRepoTest	1	0	0	0	100%	0.008

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Δ							
<u> </u>	RecipeRepoTest	1	0	0	0	100%	0
Δ	CategoryRepoTest	1	0	0	0	100%	0
Δ	CategoryUnitTest	2	0	0	0	100%	0.002
<u> </u>	IngredientsUnitTest	2	0	0	0	100%	0
<u> </u>	RecipeUnitTest	2	0	0	0	100%	0.001

#### com.rest

	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
Δ	RecipeControllerIntegrationTest	6	0	0	0	100%	1.381
Δ	IngredientControllerUnitTest	5	0	0	0	100%	0.035
Δ	CategoryControllerUnitTest	5	0	0	0	100%	0.037
Δ	CategoryControllerIntegrationTest	4	0	0	0	100%	0.053
Δ	RecipeControllerUnitTest	5	0	0	0	100%	0.005
Δ	IngredientControllerIntegrationTest	4	0	0	0	100%	0.058

#### com.Selenium

	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
Δ	SeleniumTests	2	0	0	0	100%	17.056

#### com.service

	Class	Tests	Errors	Failures	Skipped	Success Rate	Time
Δ	CategoryServiceIntegrationTest	5	0	0	0	100%	0.001
Δ	CategoryServiceUnitTest	10	0	0	0	100%	0.135
Δ	RecipeServiceIntegrationTest	7	0	0	0	100%	6.144
Δ	IngredientsServiceIntegrationTest	5	0	0	0	100%	0.001
Δ	IngredientsServiceUnitTest	10	0	0	0	100%	0.094
Δ	RecipeServiceUnitTest	15	0	0	0	100%	0.19

## **Test Cases**

[Summary] [Package List] [Test Cases]

 ${\tt Category Service Integration Test}$ 

<u> </u>	testGetAllCategories	0
<u> </u>	testFindCategoryByID	0
<u> </u>	testUpdateCategory	0.001
<u> </u>	testCreateCategory	0
<u> </u>	testDeleteCategoryById	0

# Recipe Controller Integration Test

△	testCreateRecipe	0.301
△	testUpdateRecipe	0.036
△	testDeleteRecipe	0.029
△	testPatchIngredients	0.034
△	testGetAllRecipe	0.029
△	testPatchCategories	0.035

## ${\it Category Service Unit Test}$

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<u> </u>	createCategoryTest	0.023
▲	categoryNameTooShortTest	0.006
▲	readCategoryTest	0.002
<u> </u>	deleteCategoryTest	0.002
<u> </u>	updateCategoryTest	0.003
<u> </u>	categoryNameAcceptableTest	0.002
<u> </u>	findCategoryByIDTest	0.002
△	categoryContainsSpecialCharactersTest	0.001
Δ	categoryContainsOnlyNumbersTest	0.002
<u> </u>	categoryNameTooLongTest	0.002

# In gredient Controller Unit Test

<u> </u>	updateIngredientTest	0.001
<u> </u>	findIngredientByIdTest	0.002

<u>A</u>	createIngredientTest	0.001
Δ	getAllIngredientTest	0.002
Δ	deleteIngredientTest	0.002

#### ${\it Category Controller Unit Test}$

▲	createCategoryTest	0.001
△	deleteCategoryTest	0.002
△	updateCategoryTest	0.002
△	findCategoryByIdTest	0.002
△	getAllCategoryTest	0.002

## Ingredients RepoTest

testFindByName	0

#### ${\bf Category Controller Integration Test}$

	testGetAllCategory	0.012
<b>△</b>		

△	testUpdateCategory	0.016
<u> </u>	testCreateCategory	0.012
<u> </u>	testDeleteCategory	0.012

#### Recipe Service Integration Test

△	testUpdateRecipeWithCategories	0.414
<u> </u>	testCreateRecipe	0.044
<u> </u>	testGetAllRecipes	0.123
<u> </u>	testUpdateRecipe	0.032
<u> </u>	testUpdateRecipeWithIngredients	0.033
△	testDeleteRecipeById	0.053
△	testFindRecipeByID	0.022

# RecipeRepoTest

testFindByName 0

CategoryRepoTes	t			
Δ		testFindByName	0	
CategoryUnitTest				
Δ	failingEqualsAnd	dHashcodeCategoryTest		0
Δ	hashcodeAndEq	ualsCategoryTest		0
ingredientsUnitTe	est			
Δ	failingEqualsAndh	lashcodeIngredientsTest		0
Δ	hashcodeAndEqu	alsIngredientsTest		0
ingredientsServic	ceIntegrationTest			
Δ	testFindI	IngredientsByID	0	
Δ	testUpda	teIngredients	0	
<u> </u>	testGetA	llIngredients	0.001	

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	<u> </u>	testDeleteIngredientsById	0	
	Δ	testCreateIngredients	0	

# Ingredients Service Unit Test

<u> </u>	ingredientNameTooLongTest	0.001
<u> </u>	updateIngredientTest	0.003
<u> </u>	ingredientContainsOnlyNumbersTest	0.002
<u> </u>	findIngredientByIdTest	0.008
<u> </u>	createIngredientTest	0.002
<u> </u>	deleteIngredientTest	0.005
<u> </u>	ingredientNameAcceptableTest	0.003
<u> </u>	ingredientNameTooShortTest	0.002
<u> </u>	readIngredientsTest	0.004
<u> </u>	ingredientContainsSpecialCharactersTest	0.004

#### SeleniumTests

▲	testLogic	10.635
△	testCRUD	4.351

## RecipeUnitTest

<u> </u>	hashcodeAndEqualsRecipeTest	0
<u> </u>	failingEqualsAndHashcodeCategoryTest	0

# Recipe Controller Unit Test

<u> </u>	getAllRecipeTest	0
<u> </u>	deleteRecipeTest	0
<u> </u>	findRecipeByIdTest	0
<u> </u>	updateRecipeTest	0
<u> </u>	createRecipeTest	0.002

## Ingredient Controller Integration Test

<u> </u>	testGetAllIngredients	0.009
<u> </u>	testUpdateCategory	0.015
<u> </u>	testCreateIngredient	0.014
<u> </u>	testDeleteIngredient	0.02

# RecipeServiceUnitTest

△	findAllRecipesTest	0
<u> </u>	deleteRecipeTest	0
△	recipeNameTooLongTest	0
△	findRecipeByIdTest	0.004
<u> </u>	updateRecipeTest	0.002
<u> </u>	recipeNameTooShortTest	0.004
△	recipeNameContainsSpecialCharactersTest	0.001
△	addAndRemoveCategories	0.003

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<u> </u>	recipeTimeToMakeTest	0.001
<u> </u>	recipeNameContainsOnlyNumbers	0.001
<u> </u>	recipeServingAmountTest	0.006
<u> </u>	acceptableRecipeNameTest	0.001
<u> </u>	recipeRatingTest	0.002
<u> </u>	createRecipeTest	0.002
<u> </u>	addAndRemoveIngredients	0.002