

QS Maßnahme Automatische Tests, Iteration 8



TECHNISCHE
UNIVERSITÄT
DARMSTADT

Gruppe 40
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1 Information

Ausgeführt von	Dennis Weinberger
Datum	10. März 2021
Ergebnis	Bestanden, Coverage 71%
Betroffene User Stories	63

2 Erläuterung

In User Story 63 wurden einige Änderungen an den Source-Spalten vorgenommen; diese wurden zu **Assessments** umbenannt. Die Änderungen sollen nun getestet werden.

Das Python-Programm Coverage verfehlt leider viele der Statements, weshalb die Code Coverage bei Routern komplett fehlt und bei Controllern niedrig ist (siehe Projektdoku).

3 Ergebnis

```
(tsam_venv) C:\Users\denni\PycharmProjects\tsam\backend>pytest --cov --cov-config=.coveragerc
```

```
=====
platform win32 -- Python 3.7.2, pytest-6.1.2, py-1.9.0, pluggy-0.13.1
rootdir: C:\Users\denni\PycharmProjects\tsam\backend
plugins: cov-2.11.1
collected 116 items
```

```
testing\test_assessment.py ....
testing\test_auth.py .....
testing\test_candidate_chat.py .....
testing\test_candidate_skill_grade.py .....
testing\test_essential_skill.py .....
testing\test_file.py .....
testing\test_grade_heat_function.py ....
testing\test_grade_scale_function.py ....
testing\test_interview_question.py .....
testing\test_job.py .....
testing\test_marker.py .....
testing\test_observation.py .....
testing\test_role.py ....
testing\test_source.py .....
testing\test_transaction.py ....
testing\test_user.py .....
testing\test_weight_scale_function.py ....
```

```
----- coverage: platform win32, python 3.7.2-final-0 -----
```

Name	Stmts	Miss	Cover
__init__.py	0	0	100%
controllers__init__.py	0	0	100%
controllers\assessment.py	73	43	41%
controllers\candidate_job.py	50	35	30%
controllers\essential_skill.py	61	39	36%
controllers\exceptions\AssessmentException.py	4	1	75%
controllers\exceptions\CandidateJobException.py	4	1	75%
controllers\exceptions\ControllerException.py	3	1	67%
controllers\exceptions\EssentialSkillException.py	4	1	75%
controllers\exceptions\GradeHeatFunctionException.py	4	1	75%
controllers\exceptions\GradeScaleFunctionException.py	4	1	75%
controllers\exceptions\JobException.py	4	1	75%
controllers\exceptions\JobGradeHeatFunctionException.py	4	1	75%
controllers\exceptions\JobWeightScaleFunctionException.py	4	1	75%
controllers\exceptions\RoleException.py	4	1	75%
controllers\exceptions\SourceException.py	4	1	75%
controllers\exceptions\SourceGradeScaleFunctionException.py	4	1	75%
controllers\exceptions\UserException.py	4	1	75%
controllers\exceptions\UserRoleException.py	4	1	75%
controllers\exceptions\UserUserException.py	4	1	75%
controllers\exceptions\WeightScaleFunctionException.py	4	1	75%
controllers\exceptions__init__.py	0	0	100%
controllers\grade_heat_function.py	108	68	37%
controllers\grade_scale_function.py	97	67	31%
controllers\job.py	63	32	49%
controllers\job_grade_heat_function.py	53	38	28%
controllers\job_weight_scale_function.py	52	37	29%
controllers\role.py	49	37	24%
controllers\source.py	105	77	27%
controllers\source_grade_scale_function.py	53	37	30%
controllers\user.py	112	66	41%
controllers\user_role.py	60	40	33%
controllers\user_user.py	35	21	40%
controllers\weight_scale_function.py	103	70	32%
defaults.py	9	0	100%
exceptions__init__.py	0	0	100%
exceptions\http.py	22	9	59%
models\Assessment.py	10	0	100%
models\Base.py	2	0	100%
models\CandidateChat.py	14	0	100%
models\CandidateJob.py	9	0	100%
models\CandidateSkillGrade.py	17	3	82%
models\Chat.py	6	0	100%
models\ChatUser.py	6	0	100%
models\DefaultGradeHeatFunction.py	7	0	100%
models\DefaultGradeScaleFunction.py	7	0	100%
models\DefaultWeightScaleFunction.py	7	0	100%
models\EssentialSkill.py	16	3	81%
models\File.py	12	1	92%
models\GradeHeatFunction.py	7	0	100%
models\GradeHeatFunctionColors.py	8	0	100%
models\GradeScaleEvaluationMapping.py	9	0	100%
models\GradeScaleFunction.py	8	0	100%
models\InterviewQuestion.py	9	1	89%
models\Job.py	10	1	90%
models\JobGradeHeatFunction.py	9	0	100%
models\JobWeightScaleFunction.py	9	0	100%
models\Marker.py	8	0	100%

models\MarkerRectangle.py	10	0	100%
models\Message.py	9	0	100%
models\Source.py	12	1	92%
models\SourceGradeScaleFunction.py	6	0	100%
models\Transaction.py	10	0	100%
models\WeightMapping.py	9	0	100%
models\WeightScaleFunction.py	7	0	100%
models__init__.py	30	0	100%
models\security\Permission.py	8	0	100%
models\security\Role.py	6	0	100%
models\security\RolePermission.py	9	0	100%
models\security\Token.py	10	0	100%
models\security\TokenPermission.py	9	0	100%
models\security\User.py	17	1	94%
models\security\UserRole.py	9	0	100%
models\security\UserUser.py	9	0	100%
models\security__init__.py	8	0	100%
settings.py	27	2	93%
testing__init__.py	0	0	100%
testing\decorators__init__.py	0	0	100%
testing\decorators\assertions.py	10	0	100%
testing\decorators\oauth2.py	38	0	100%
testing\test_assessment.py	49	0	100%
testing\test_auth.py	16	0	100%
testing\test_candidate_chat.py	51	0	100%
testing\test_candidate_skill_grade.py	92	0	100%
testing\test_essential_skill.py	87	0	100%
testing\test_file.py	52	0	100%
testing\test_grade_heat_function.py	34	0	100%
testing\test_grade_scale_function.py	46	0	100%
testing\test_interview_question.py	97	0	100%
testing\test_job.py	49	0	100%
testing\test_marker.py	40	0	100%
testing\test_observation.py	47	0	100%
testing\test_role.py	24	0	100%
testing\test_settings.py	8	0	100%
testing\test_source.py	88	0	100%
testing\test_transaction.py	38	0	100%
testing\test_user.py	132	0	100%
testing\test_weight_scale_function.py	36	0	100%
utils__init__.py	0	0	100%
utils\security__init__.py	0	0	100%
utils\security\security_functions.py	12	2	83%

TOTAL	2609	747	71%

4 Konsequenzen

Die Änderungen haben keine Fehler in den Tests verursacht, daher kann das Refactoring der Source-Spalten in den Hauptbranch gemerget werden.