

QS Maßnahme Automatische Tests, Iteration 6



TECHNISCHE
UNIVERSITÄT
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1 Information

Ausgeführt von	Dennis Weinberger
Datum	15. Februar 2021
Ergebnis	Bestanden, Coverage 81%
Betroffene User Stories	37, 38

2 Erläuterung

Dieser Beleg bezieht sich auf die User Stories 37 und 38. Es wurden die Candidate Skill Grades, die unterschiedliche Prioritäten haben können, getestet.

Das Python-Programm Coverage verfehlt leider viele der Statements, weshalb die Code Coverage beim Router und Controller komplett fehlt (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 82 items
```

```
testing\test_auth.py .....
testing\test_candidate_skill_grade.py .....
testing\test_essential_skill.py .....
testing\test_file.py .....
testing\test_interview_question.py .....
testing\test_job.py .....
testing\test_marker.py .....
testing\test_role.py ....
testing\test_transaction.py ....
testing\test_user.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\candidate_job.py                             46       32    30%
controllers\essential_skill.py                           61       44    28%
controllers\exceptions\CandidateJobException.py          4        1    75%
```

controllers\exceptions\ControllerException.py	3	1	67%
controllers\exceptions\EssentialSkillException.py	4	1	75%
controllers\exceptions\JobException.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__init__.py	0	0	100%
controllers\job.py	53	32	40%
controllers\user.py	98	62	37%
controllers\user_role.py	41	25	39%
controllers\user_user.py	35	21	40%
defaults.py	3	0	100%
exceptions__init__.py	0	0	100%
exceptions\http.py	19	8	58%
models\Base.py	2	0	100%
models\CandidateJob.py	9	0	100%
models\CandidateSkillGrade.py	15	2	87%
models\Chat.py	6	0	100%
models\ChatUser.py	6	0	100%
models\EssentialSkill.py	17	3	82%
models\File.py	11	1	91%
models\InterviewQuestion.py	9	1	89%
models\Job.py	10	1	90%
models\Marker.py	6	0	100%
models\MarkerRectangle.py	11	0	100%
models\Message.py	9	0	100%
models\Transaction.py	10	0	100%
models__init__.py	16	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	26	2	92%
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_auth.py	16	0	100%
testing\test_candidate_skill_grade.py	81	0	100%
testing\test_essential_skill.py	83	0	100%
testing\test_file.py	43	0	100%
testing\test_interview_question.py	92	0	100%
testing\test_job.py	48	0	100%
testing\test_marker.py	40	0	100%
testing\test_role.py	24	0	100%
testing\test_settings.py	8	0	100%
testing\test_transaction.py	38	0	100%
testing\test_user.py	132	0	100%
utils__init__.py	0	0	100%
utils\security__init__.py	0	0	100%
utils\security\security_functions.py	12	2	83%

TOTAL	1296	244	81%

4 Konsequenzen

Die Tests zum Candidate Skill Grade wurden erfolgreich absolviert, das Feature kann also in das Produkt eingebaut werden.