

QS Maßnahme Automatische Tests, Iteration 1



TECHNISCHE
UNIVERSITÄT
DARMSTADT

Gruppe 40
8.12.2020

1 Information

Ausgeführt von	Dennis Weinberger
Datum	8. Dezember 2020
Ergebnis	Bestanden, Coverage 80%
Betroffene User Stories	2,3,4

2 Erläuterung

In User Story 2,3,4 wurden Jobs, Essential Skills und Interview Questions getestet.

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 51 items
```

```
testing\test_auth.py .....
testing\test_essential_skill.py .....
testing\test_file.py .....
testing\test_interview_question.py .....
testing\test_job.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\essential_skill.py                          61       44    28%
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	82	50	39%
controllers\user_role.py	31	17	45%
controllers\user_user.py	13	9	31%
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\EssentialSkill.py	17	3	82%
models\File.py	11	1	91%
models\InterviewQuestion.py	11	1	91%
models\Job.py	10	1	90%
models__init__.py	8	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	25	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_essential_skill.py	83	0	100%
testing\test_file.py	43	0	100%
testing\test_interview_question.py	86	0	100%
testing\test_job.py	43	0	100%
testing\test_settings.py	8	0	100%
testing\test_user.py	74	0	100%
utils__init__.py	0	0	100%
utils\security__init__.py	0	0	100%
utils\security\security_functions.py	12	2	83%

TOTAL	876	177	80%

4 Konsequenzen

Die von uns spezifizierten Tests sind ohne Fehler passiert, die Implementation kann also fortgesetzt werden.