

Test Report

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Testing Procedure

We used the Selenium library for Python to automate the testing procedure of our Django application. Now for testing we first need to generate the test specification. We used the TSL generator for generating the test specifications. We got 10 test frames from the TSL generator. Now the test specifications were converted into test cases and stored in a file named `google_user.json`. These test cases are being read by the python script named `tests.py` and used by selenium to do the necessary testing. In each test case we check whether the google login button is there and clickable, points to the right URL and fills the necessary login credentials for testing. The details of the test cases are described in the next section.

Test Cases Details

Test Case Description	Status
The email does not exist	PASSED
Empty email	PASSED
Email given in proper format i.e. both @ and gmail.com and Password also correct	PASSED
Email with username followed by @ (for example, fguj84702@)	PASSED
Email with .com missing (for example, fguj84702@gmail)	PASSED
Email given in proper format i.e. both @ and .com but empty Password	PASSED
Email given in proper format i.e. both @ and .com but Password incorrect	PASSED
Email with only username given and password also correct	PASSED

