



BACKEND TESTING REPORT

The following report contains the results of API testing

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Short project description

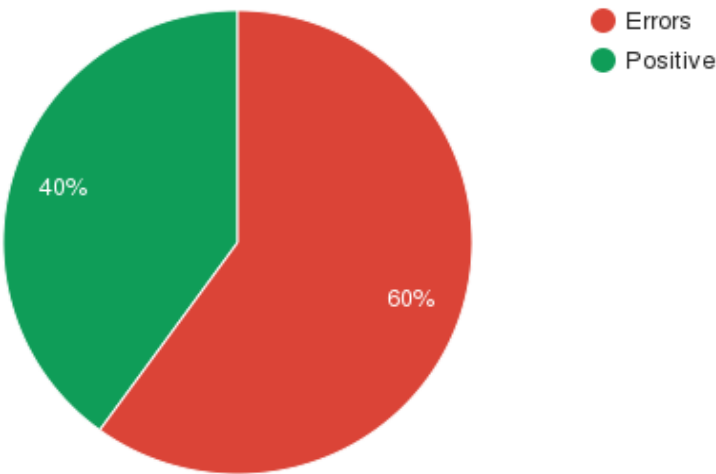
The following report contains the results of API testing using Postman, SoapUI tools, and designed to identify and correct various types of errors as well as suggestions for their correction

Test progress

Table 1. API testing errors (Postman, SoapUI)

Nº Error	Test name	Result	Errors
Routes and functions testing			
1	Get Request: route: /	Error	Incorrect courses data, absence of a "fullstack" course in list of courses
2	Post Request route: /login	Error	The answer in case of failure does not correspond to the technical task:
3	Get Request route: / registration	Positive	
4	Post Request route: //user//courses/add	Error	Incorrect error message (If json error)
5	Fuctions	Positive	

Pattern 1. Diagram of test results



Conclusions based on the results of testing

This section presents conclusions based on the test results, as well as general statistics on defects that were identified as a result of testing and suggestions for their solution. Detailed information is contained in annex

Annex

Table 2. Proposals how to correct errors

Error Nº	Proposal	State	Priority and Severity
1	Add "fullstack" course to [backend/app.py] section app.get, 'data = {"courses":...}'	Fixed	P3 S4
2	The answer in case of failure does not correspond to the technical task:	Fixed	P3 S5
3	Correct the error message in [backend/app.py], section @app.post("/user/{username}/courses/add") "message": "Invalid JSON payload."	Fixed	P3 S5