

Test plan

Project name: Молодежные песни

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Web server version: 1.0

Overview:

1) Description of the project: web server that allows to work with database.

2) In Scope:

- What will be tested: uploading a file to the database.
- What resources are needed: system that supports https requests, an application for post request.

Testing:

1) Platform Testing: windows 11, application – postman.

2) Regression Testing: Regression testing is not required.

Test Scenario:

- Availability of server (T1)
- Upload file to server (T2)
- Upload a file with the same ID (T3)

Test case T1

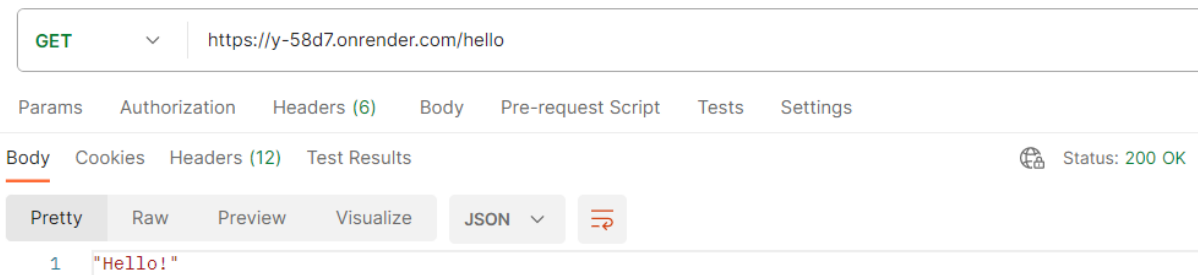
Test Id	T1
Title	Availability of server
Scenario	Send \hello request to server to URL: https://y-58d7.onrender.com/hello
Expected Result	Server reply “Hello”, Status code: 200.
Actual Result	The server responded “Hello”, status code: 200. The test result is shown in screenshot 1.
Grade (Pass/Fail indication)	Passed

Test case T2

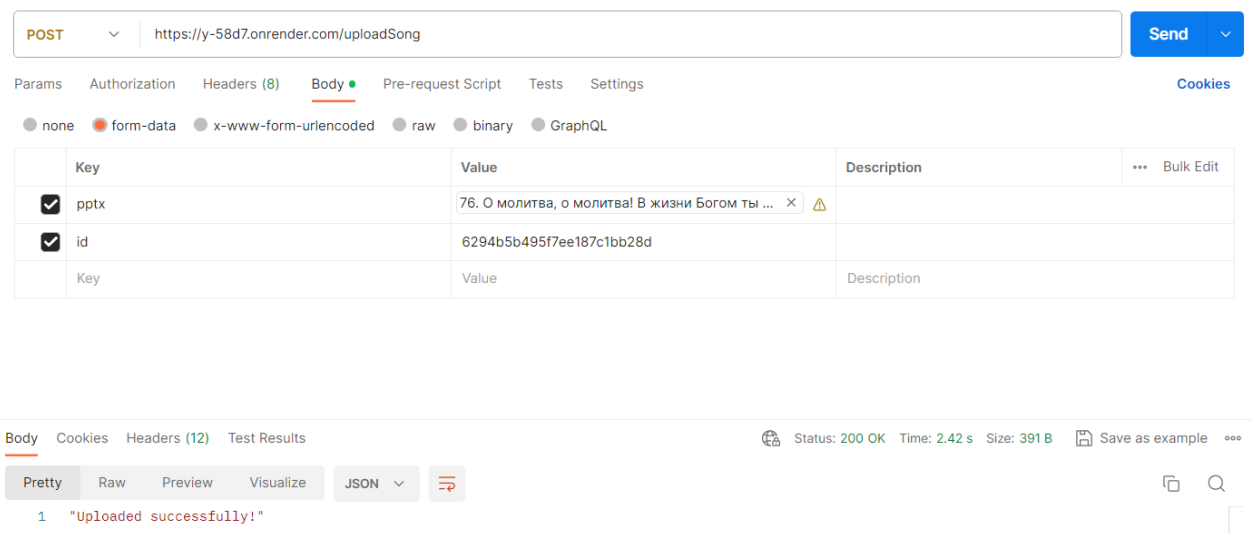
Test Id	T2
Title	Upload file to server
Scenario	Send post request to URL https://y-58d7.onrender.com/uploadSong with fields: pptx – contains file to upload; id – id of document in data base.
Expected Result	File uploads to data base, Status code: 200.
Actual Result	The file is uploaded to the database, status code: 200. Test result in screenshot 2.
Grade (Pass/Fail indication)	Passed

Test case T3

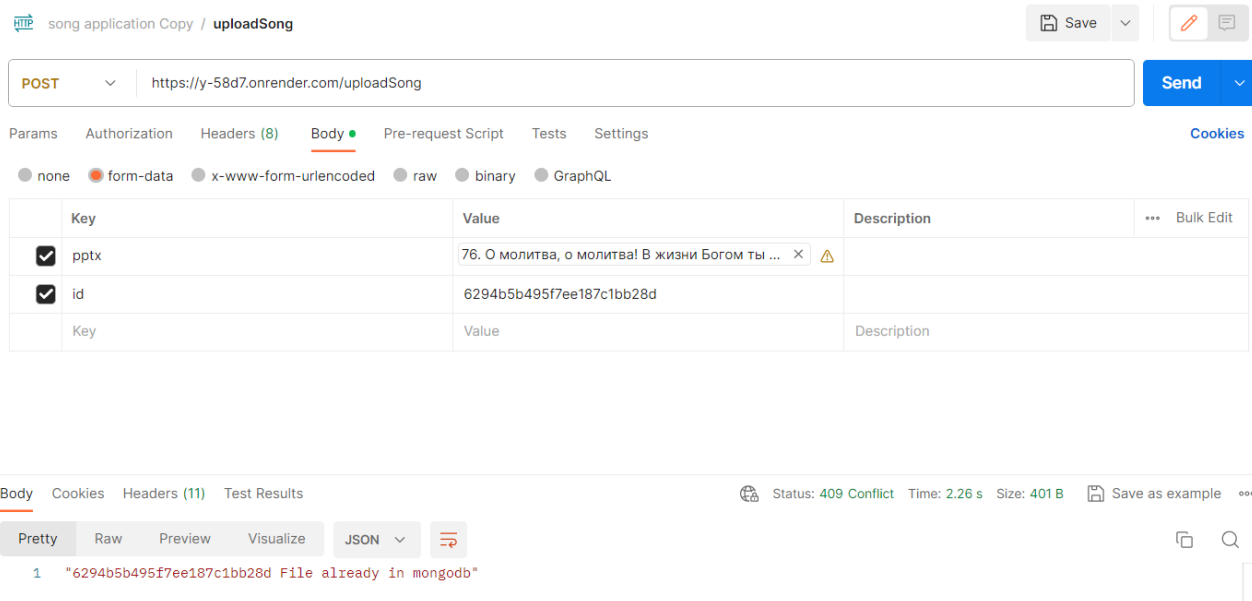
Test Id	T3
Title	Upload a file with the same ID as in T2.
Scenario	Send a post request in the same way as T2.
Expected Result	Server process error, Status code: 409 (Conflict).
Actual Result	The server processed the error, response status code: 409 (conflict). The test result is in screenshot 3.
Grade (Pass/Fail indication)	Passed



Screenshot 1 – Send a /hello request to server



Screenshot 2 – Upload file to server



Screenshot 3 – Upload file with id that is in database