## Test plan ID

API\_v\_01

## Introduction (description/goal)

service on cards issuing (gallery cards), cards carousel for the user;

## Features to be tested

* getting card pages according to the specified parameters
* sorting cards
* a mark about viewing and clicking on the card, affecting the position of the card display
* a click on the card that gives information about further actions (clicking on a link, downloading a file)
* switching cards depending on the user's status

## Features not to be tested

* users’ status
* adding, editing cards

## Approach (стратегия и подходы)

* functional regression testing:
* smoke-testing (availability of cards)
* positive testing (issuing cards with valid parameters)
* negative testing (entering invalid parameters: page number, page size)
* non-functional testing:
* smoke-testing (entering by password)
* security testing (response time to the request)

## Tools:

Postman, JLoad, DBeaver, Docker compose, Maven (build), Git

Automatization: smoke-testing, load testing

Test-cases, check-lists, bug reports and the testing report are made in Google Docs

The project environment is made up in Docker compose (PostgreSQL), compilation and assembly of the project is performed using Maven, sending requests via Postman и JLoad.

## Item pass/fail criteria

* The request and output scheme is described in the OpenAPI specification
* Access is only possible for authorized users.
* The user has access only to their cards.
* The response time of the service is no more than 1 second with attendance of no more than 10 requests per second (up to 100 users at the same time).

## Suspension criteria and resumption requirements

Suspension criteria - failed smoke-tests.

Exit criteria — test coverage of all stated requirements.