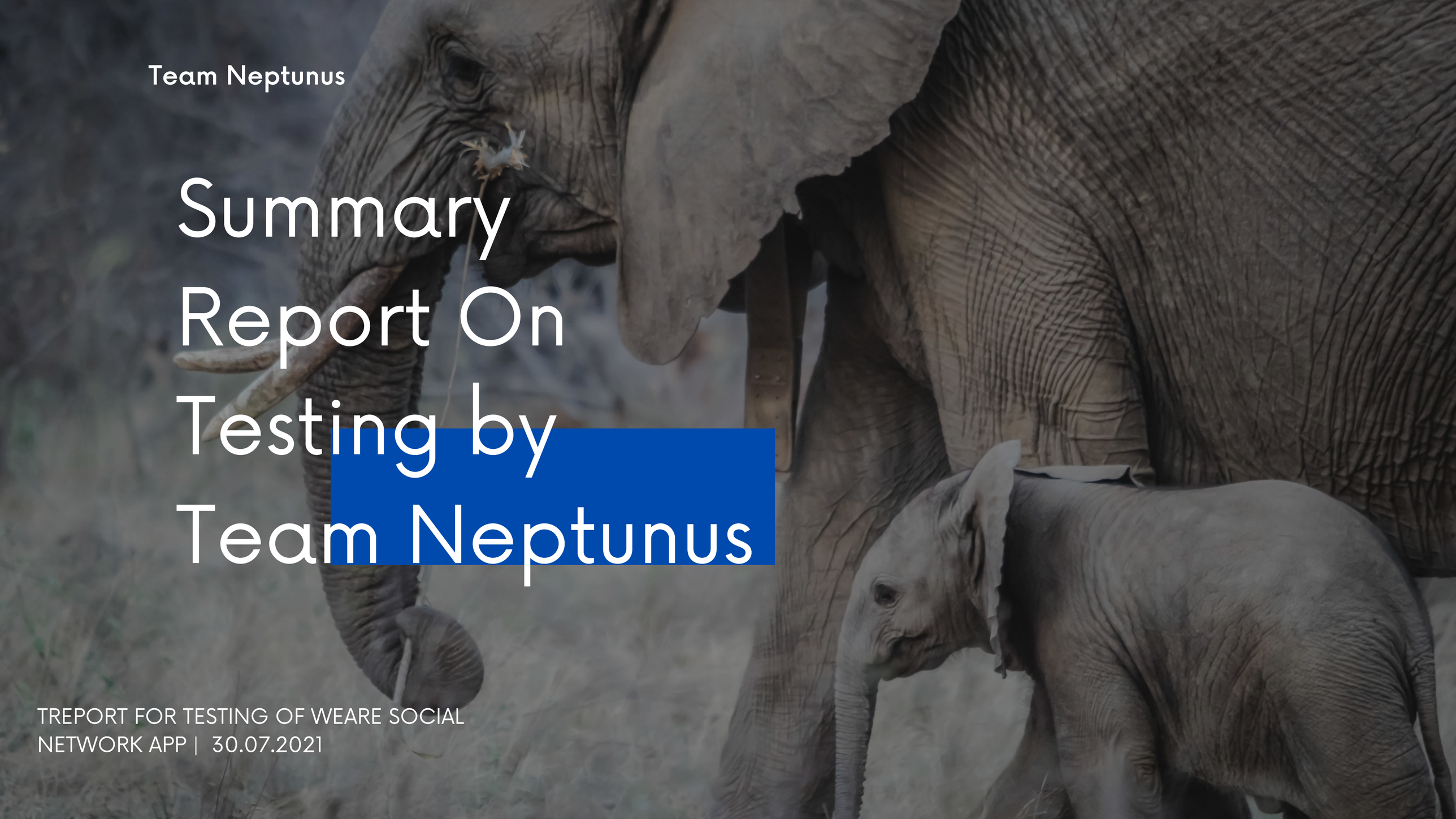

Team Neptunus

Summary Report On Testing by Team Neptunus

TREPORT FOR TESTING OF WEARE SOCIAL NETWORK APP | 30.07.2021

Team Members

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QA TRACK ALUMNI

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QA TRACK ALUMNI

The purpose of this report is to present the summary of testing the WE are social network by Team Neptunus and to evaluate the application readiness for release to end users.

The report will also briefly go through the testing process and present the team efforts to guarantee good quality of the product.

In more details via some pie charts results from testing will be shown in numbers and in more comprehensive way.

All relevant documents and files about testing could be found here: https://gitlab.com/DayanaDocheva/neptunus-final-project/-/tree/master

Testing process during the time (period of testing 29.06.2021-30.07.2021)

Phase 1

Documentation reading and analyzing and first impressions from the app - via Exploratory testing. The aim of exploratory testing was not only to catch bugs as early as possible, but also - to discover usability issues

Phase 2

Test Cases writing for manual execution - with aim to achieve maximum test coverage of site functionalities

Phase 3

API testing via Postman tool

Testing process during the time (period of testing 29.06.2021-30.07.2021)

Phase 4

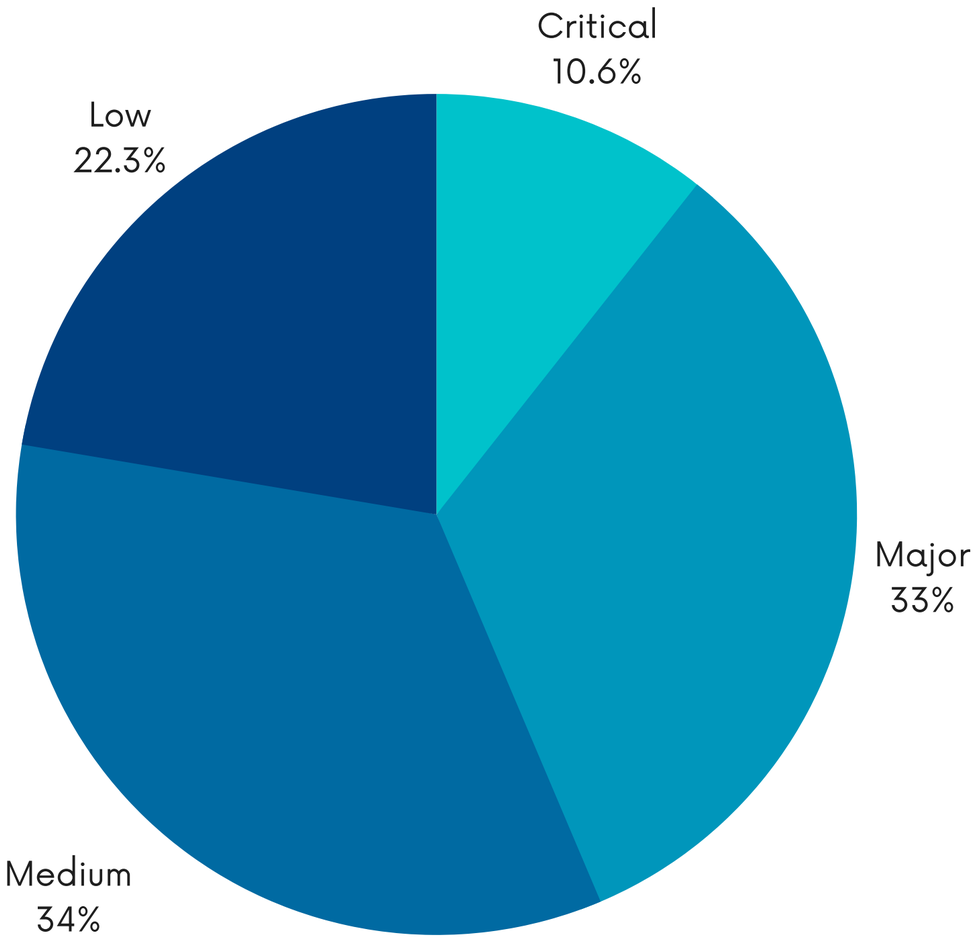
Automation testing via Selenium WebDriver. The purpose was to test the most basic and important functionalities of the app - the so called smoke testing

Phase 5

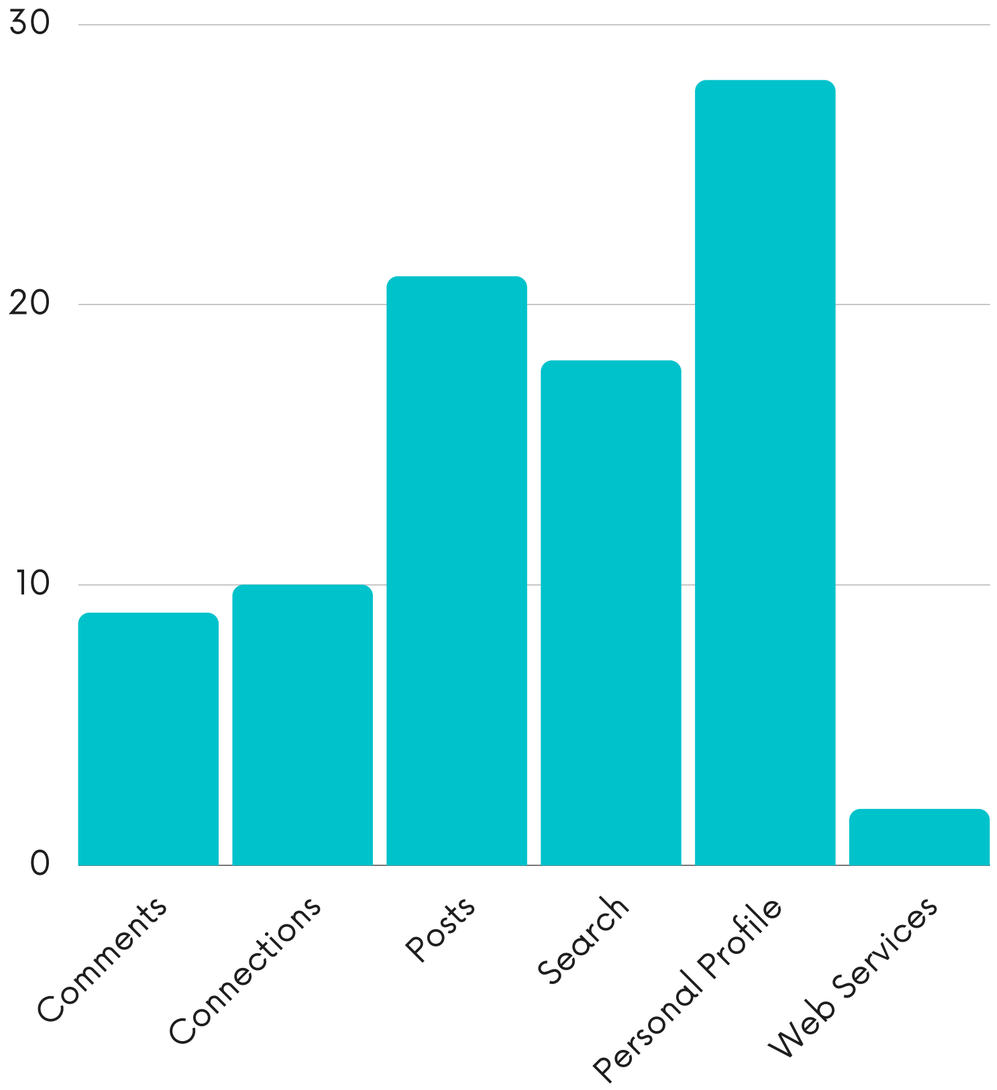
Preparing test deliverables and analyzing results from testing in the perspective of readiness of software product for end customers release

Total of 96 bugs logged, most of them - 60 (62.50%) during exploratory testing - including usability issues. The deliverable from exploratory testing is the test report containing some recommendations about usability improvements - could be accessed here: https://gitlab.com/DayanaDocheva/neptunus-final-project/-/blob/master/Test%20Reports/Exploratory%20Test%20Report.md

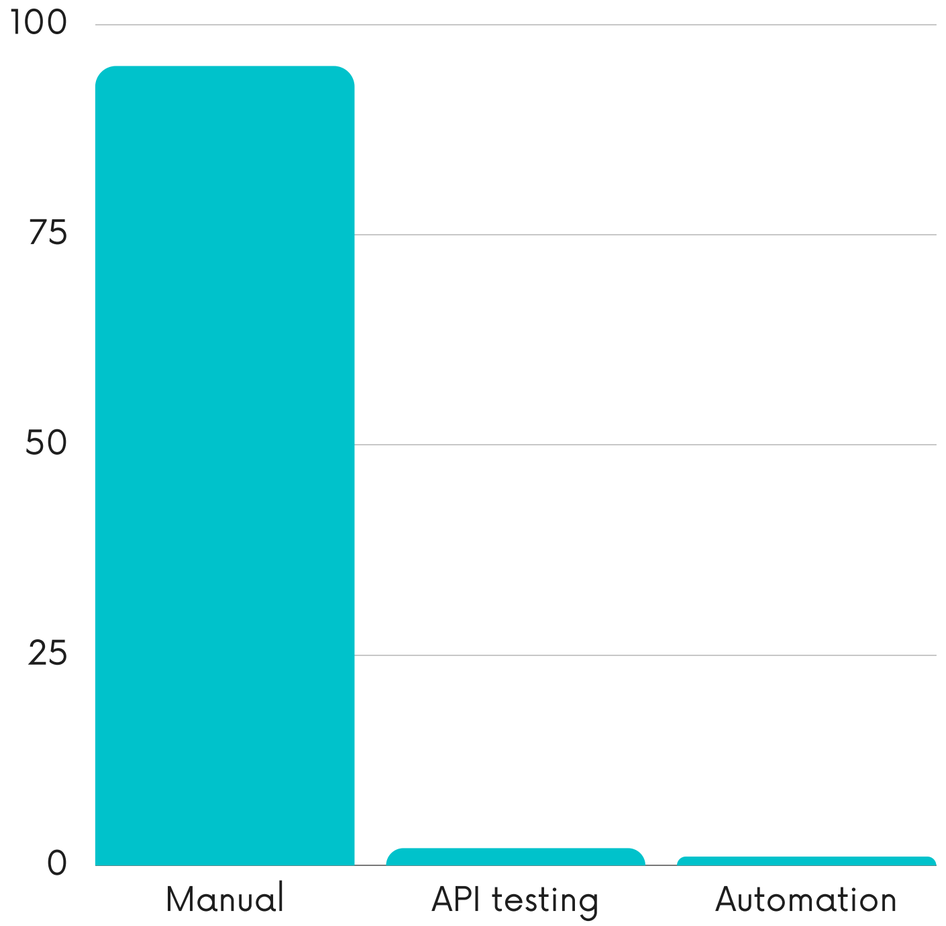
Logged bugs by severity



Logged bugs by functionality

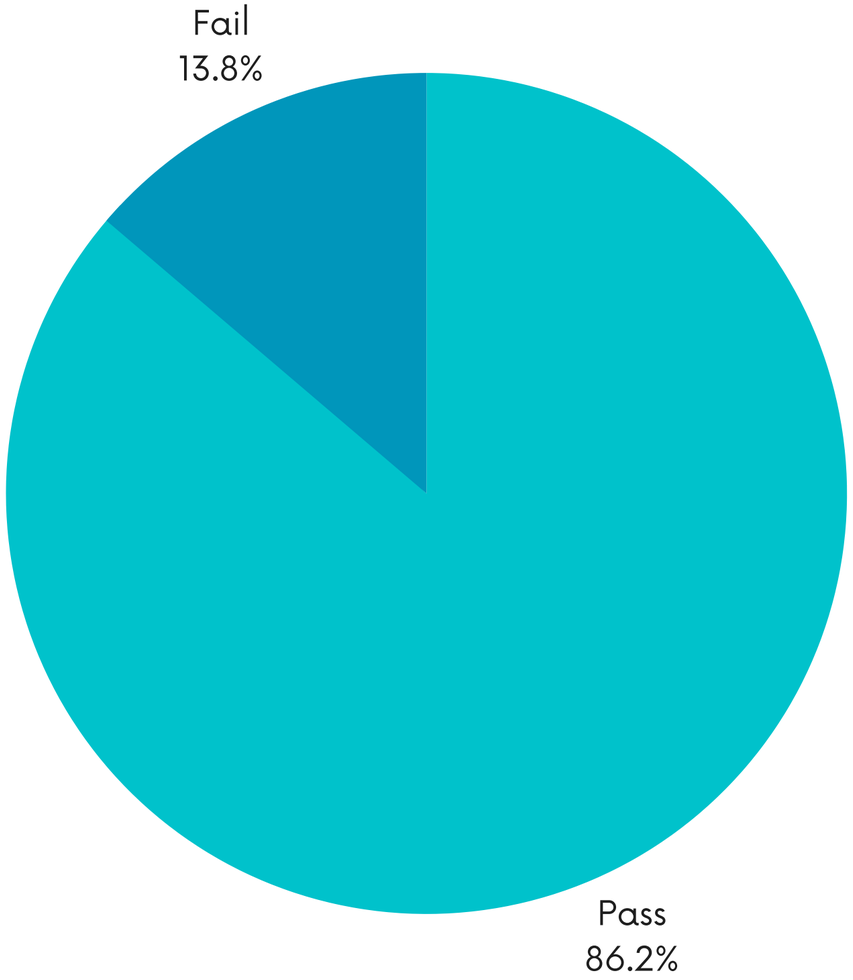


Logged bugs by way of execution

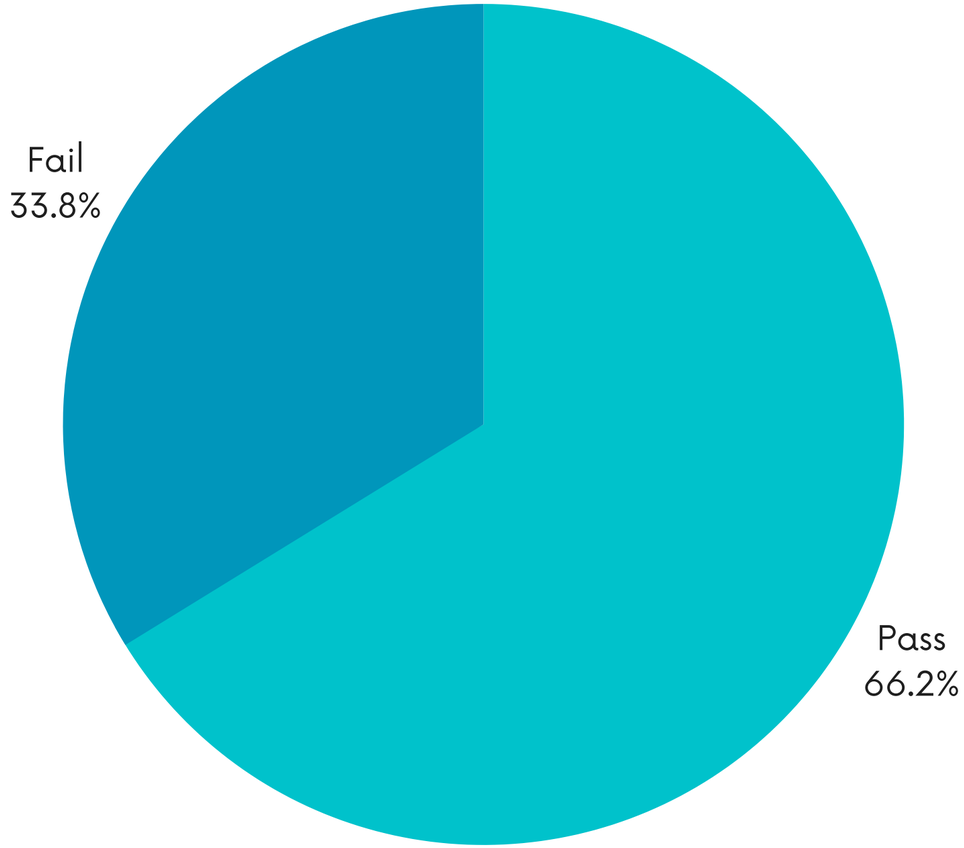


Total of 337 test cases written and executed with 80.71% pass rate and 19.29% fail rate. More detailed report for test cases execution could be seen here: https://telerikacademy-my.sharepoint.com/:x:/p/nikolay_rusanov_a28_learn/EV93x5e26bpPsGmO4FKkIzMBMWMmN7QtLLGXP7ixGOLhXg

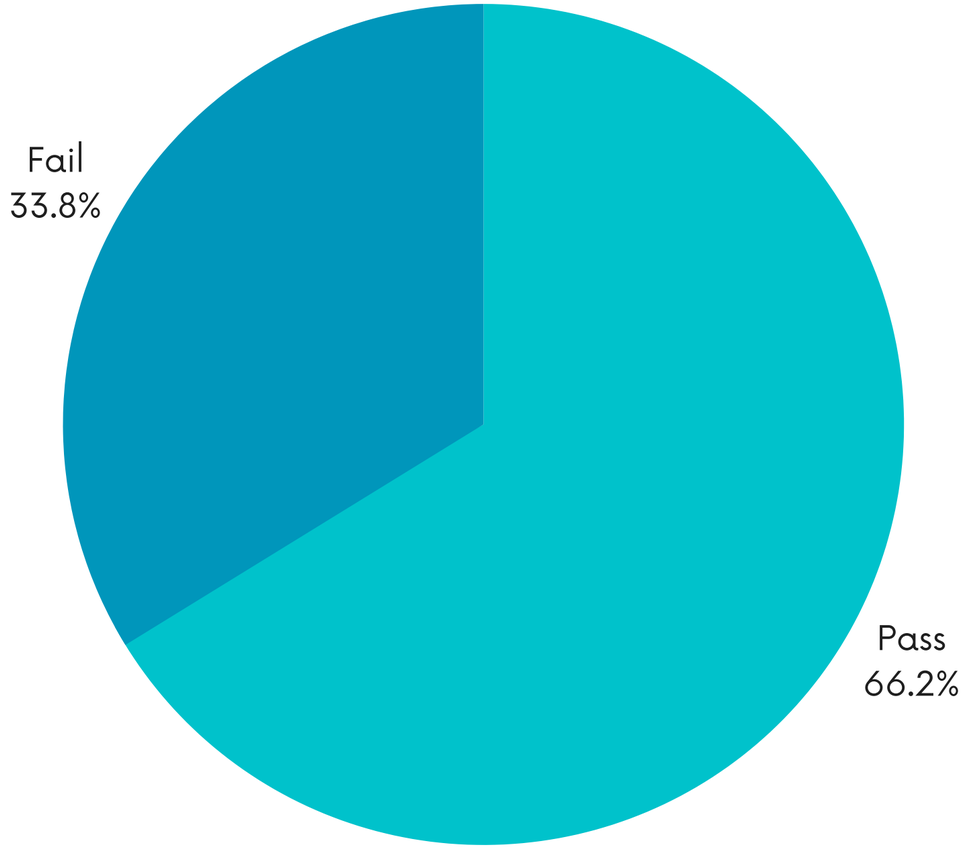
Pass/fail ratio by High priority tests



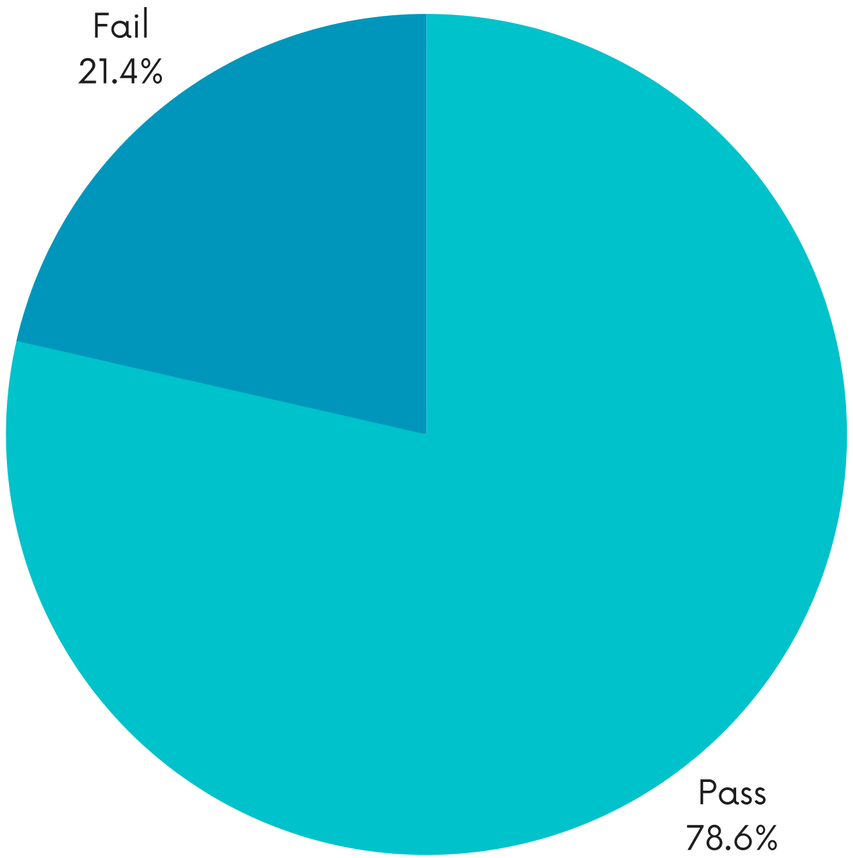
Pass/fail ratio by Medium priority tests



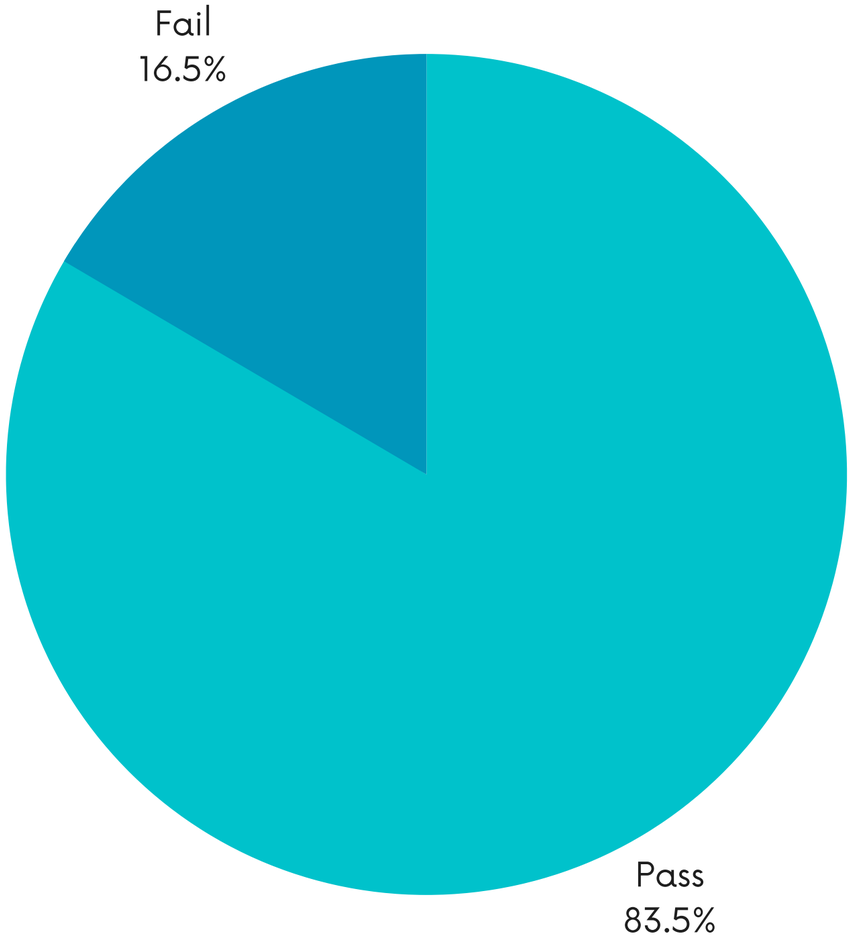
Pass/fail ratio by Low priority tests



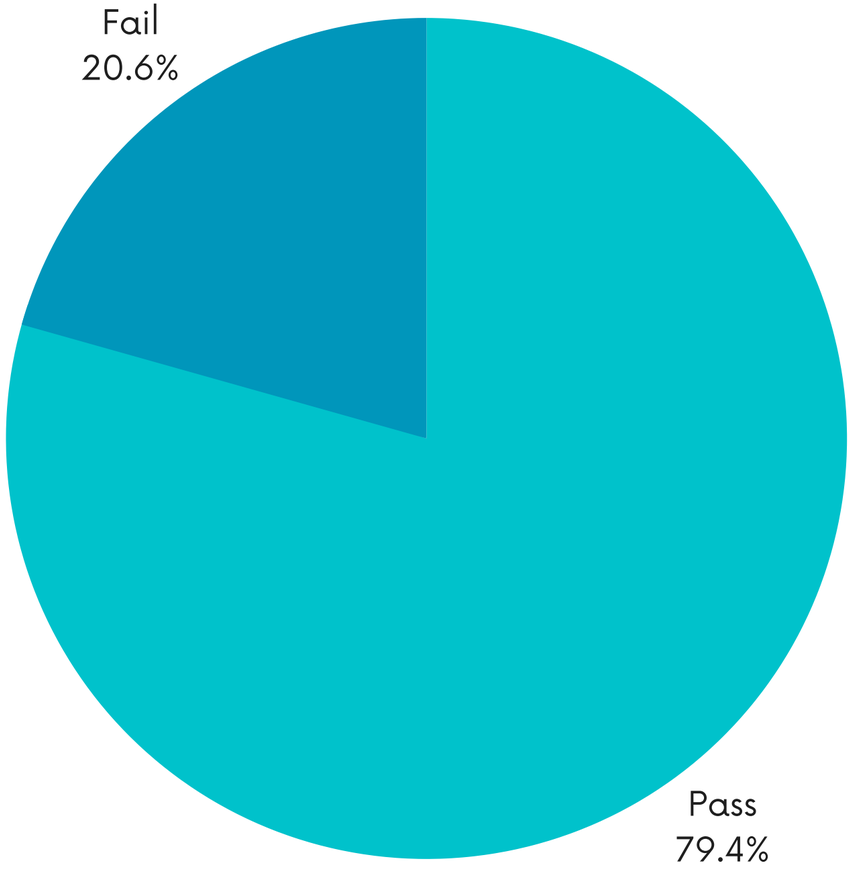
Pass/fail ratio by Anonymous User Suite (84 Test cases total)



Pass/fail ratio by Registered User Suite (127 Test cases total)



Pass/fail ratio by Admin Suite (126 Test cases total)



Web Services Testing was performed with Postman tool

Requests

Total: 52
Failed: 0

Tests

Total: 164
Passed: 153 (93%)
Failed: 11 (7%)

Automation tests with Selenium WebDriver

Total tests

Total: 45
Passed: 44
Failed: 1

Test Cases

Total: 17
Passed: 16 (94%)
Failed: 1 (6%) - but bug with critical severity was found

BDD Stories

Total: 28
Passed: 28
Failed: 0

Conclusion of Team Neptunus

In conclusion 13.8% of High Priority tests fail and barely 66.2% of Medium Priority Tests pass. There are 10.6% critical severity bugs logged and not fixed. Exit criteria in out test plan says every High priority test should pass and at least 80% of Medium Priority should pass, as no critical issues should be left outstanding. Bearing in mind the above, we consider WE are social network would need some improvements before delivering to end customer.

Lessons Learned

We consider that both manual and automation testing have their part in software products quality assurance. Manual testing helps us discover a very good amount of issues and bugs, but on the other side via automation we could discover serious problems in the systems and test scripts written are reusable in the future, securing basic functionalities proper working.