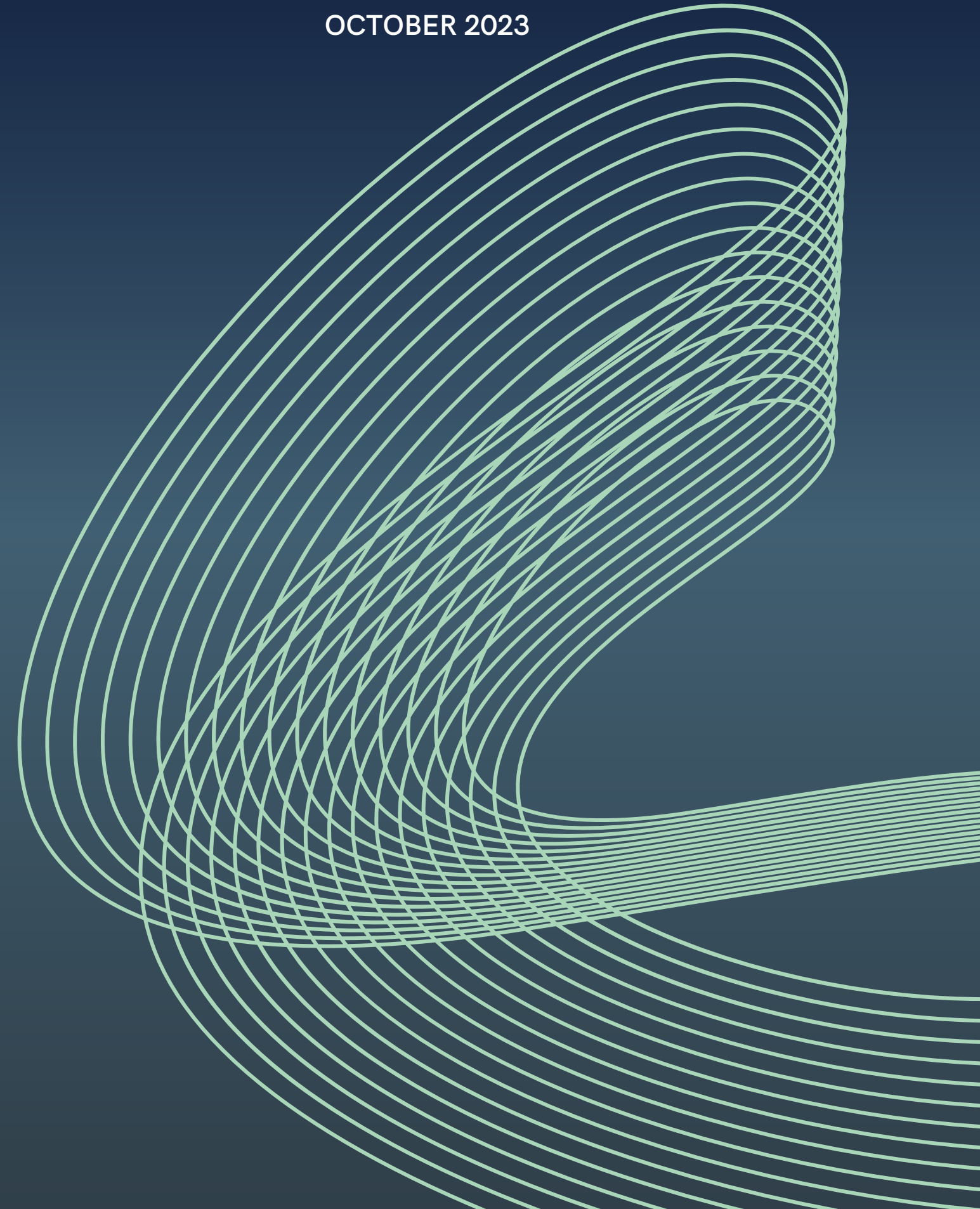




TWO MEN AND A WOMAN

OCTOBER 2023

FINAL PROJECT SUMMARY REPORT



TWO MEN AND A WOMAN TEAM



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DOCUMENT OBJECTIVE

To present a consolidated overview of all quality assurance activities executed by the QA team in the most recent sprint



POSTMAN REPORT

JIRA REPORT

REST REPORT

SELENIUM REPORT

OVERVIEW OF APPLICATION CAPABILITIES

KEY FUNCTIONS AND FEATURES

- SEARCH FOR INDIVIDUALS
- CONNECT WITH OTHERS
- CREATE, EDIT AND DELETE POSTS AND COMMENTS
- LIKE/DISLIKE POSTS AND COMMENTS
- ACCESS A PUBLIC FEED
- UPDATE PERSONAL INFORMATION
- ADMINISTRATIVE CAPABILITIES

SCOPE OF TESTING

- AUTOMATED TESTING FOR WEB SERVICES IS CONDUCTED USING BOTH POSTMAN AND REST ASSURED.
- PRINCIPAL FUNCTIONALITIES OF THE SOCIAL NETWORK ARE VALIDATED THROUGH SELENIUM, SUPPLEMENTED BY MANUAL TESTING APPROACHES.

EXPLORATORY TESTING

The QA team executed an in-depth exploratory testing process using the Xray Exploratory APP to scrutinize various aspects of the application's functionality and performance.



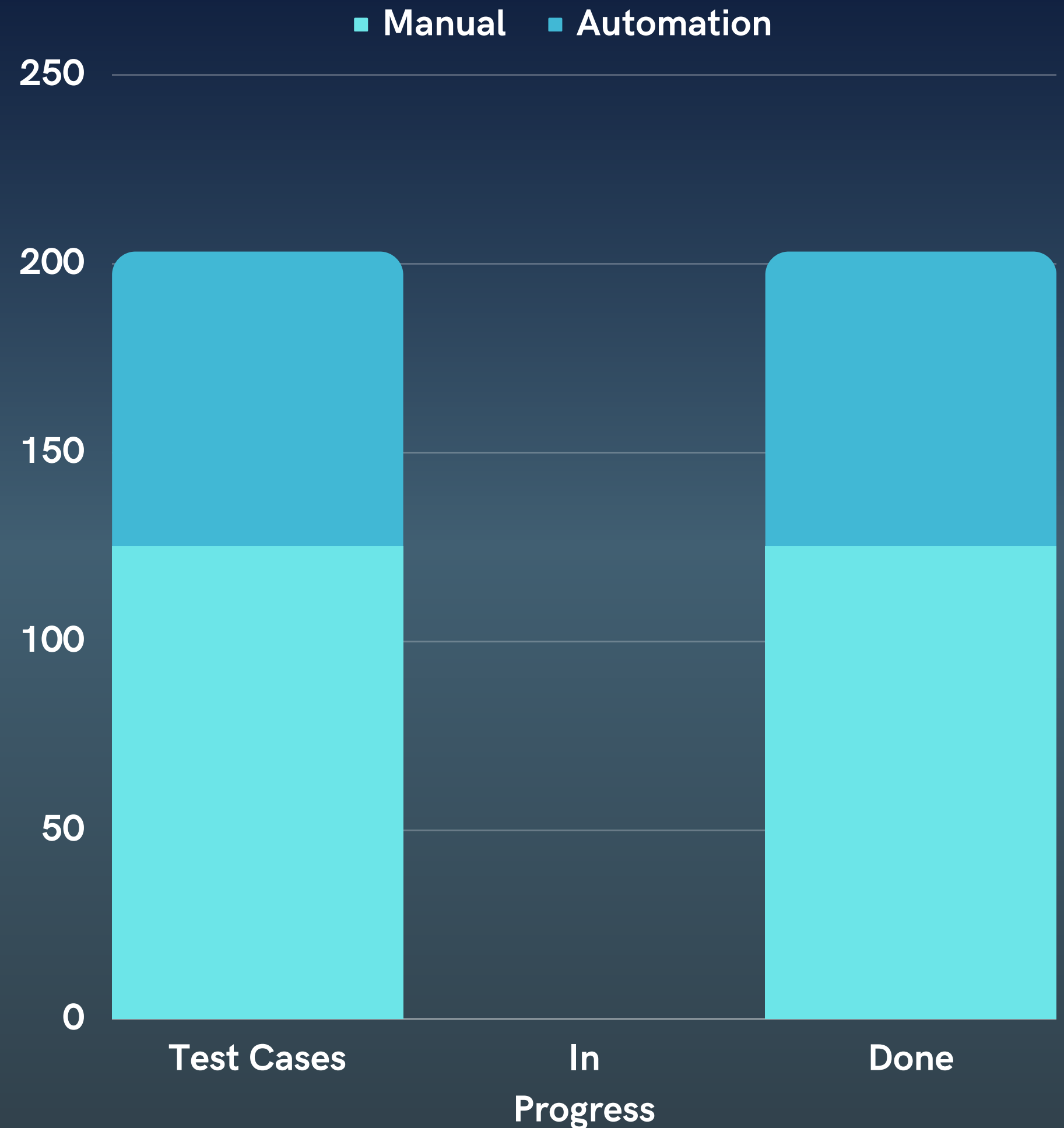


Test cases by status

- Total test cases: 203
- In Progress: 0
- Done: 203

Test cases coverage

- Automation: 78
 - **Postman** and **REST Assured**: 38
 - **Selenium**: 40
- Manual: 125



Test cases by functionalities

- Login

Test cases: 17

- Registration

Test cases: 37

- Registered users

Test cases: 48

- Post and Comments

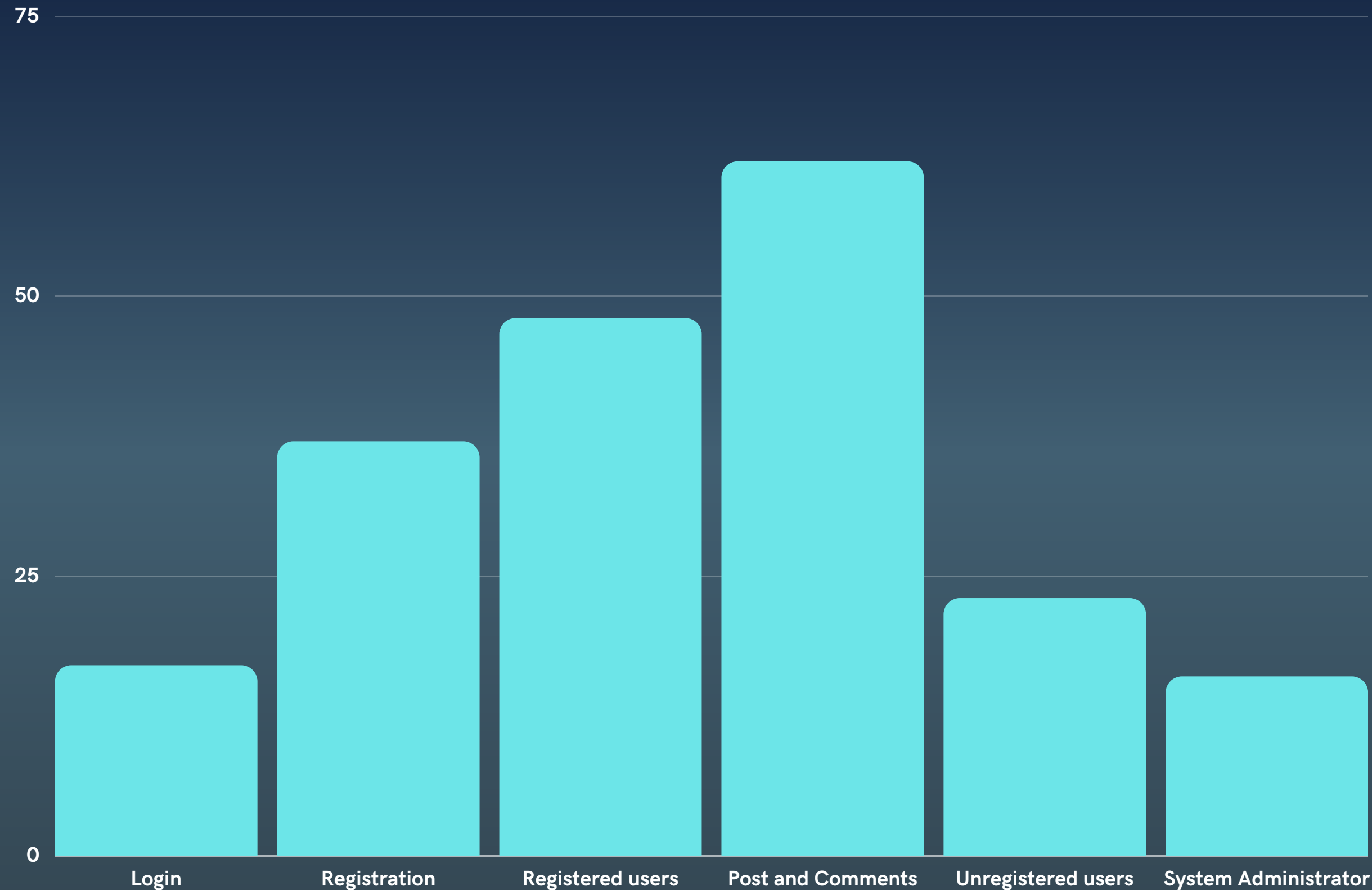
Test cases: 62

- Unregistered users

Test cases: 23

- System Administrator

Test cases: 16



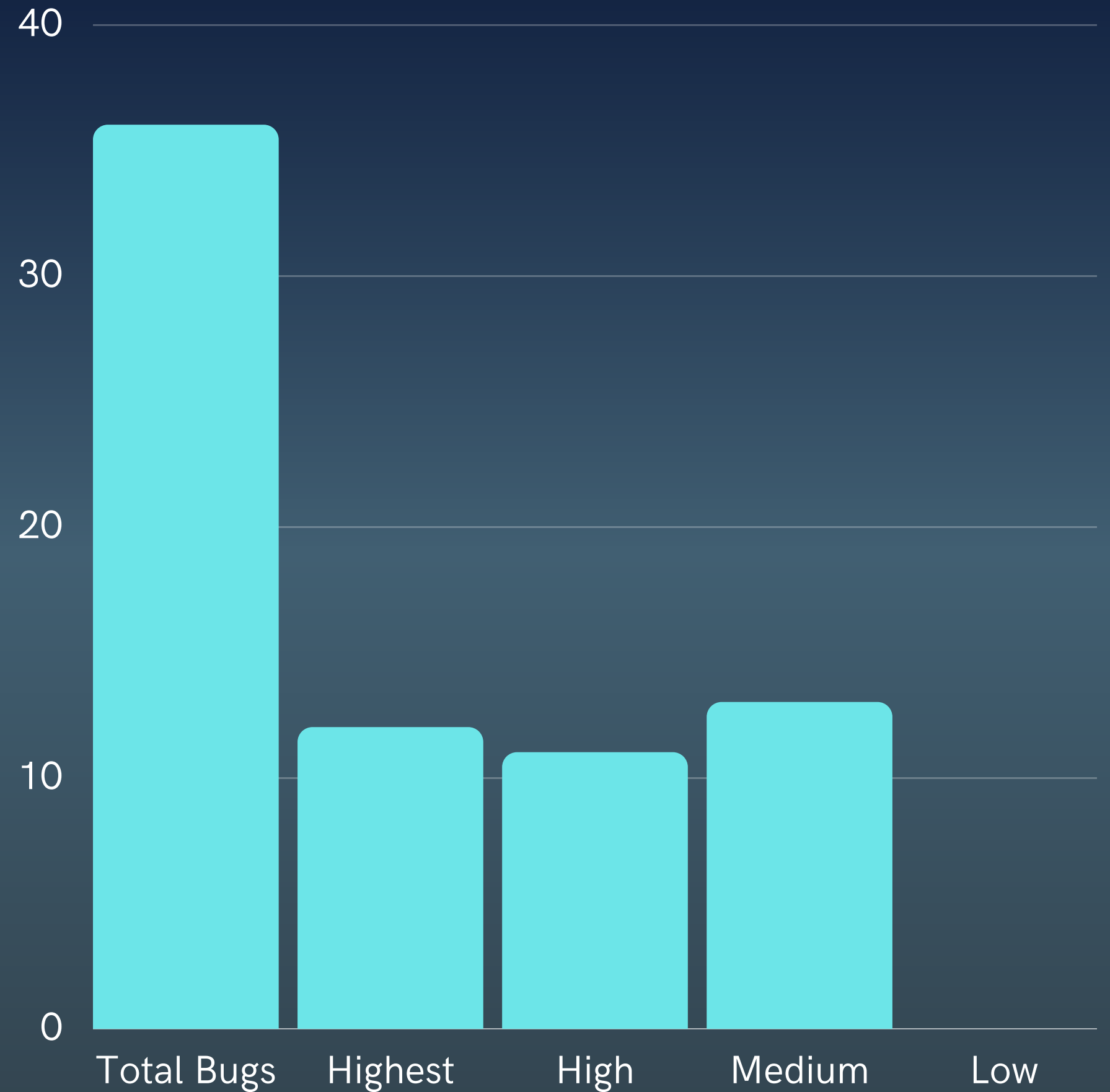


Bugs by status

- Total bugs reported: 36
- In Progress: 0

Bugs by priority

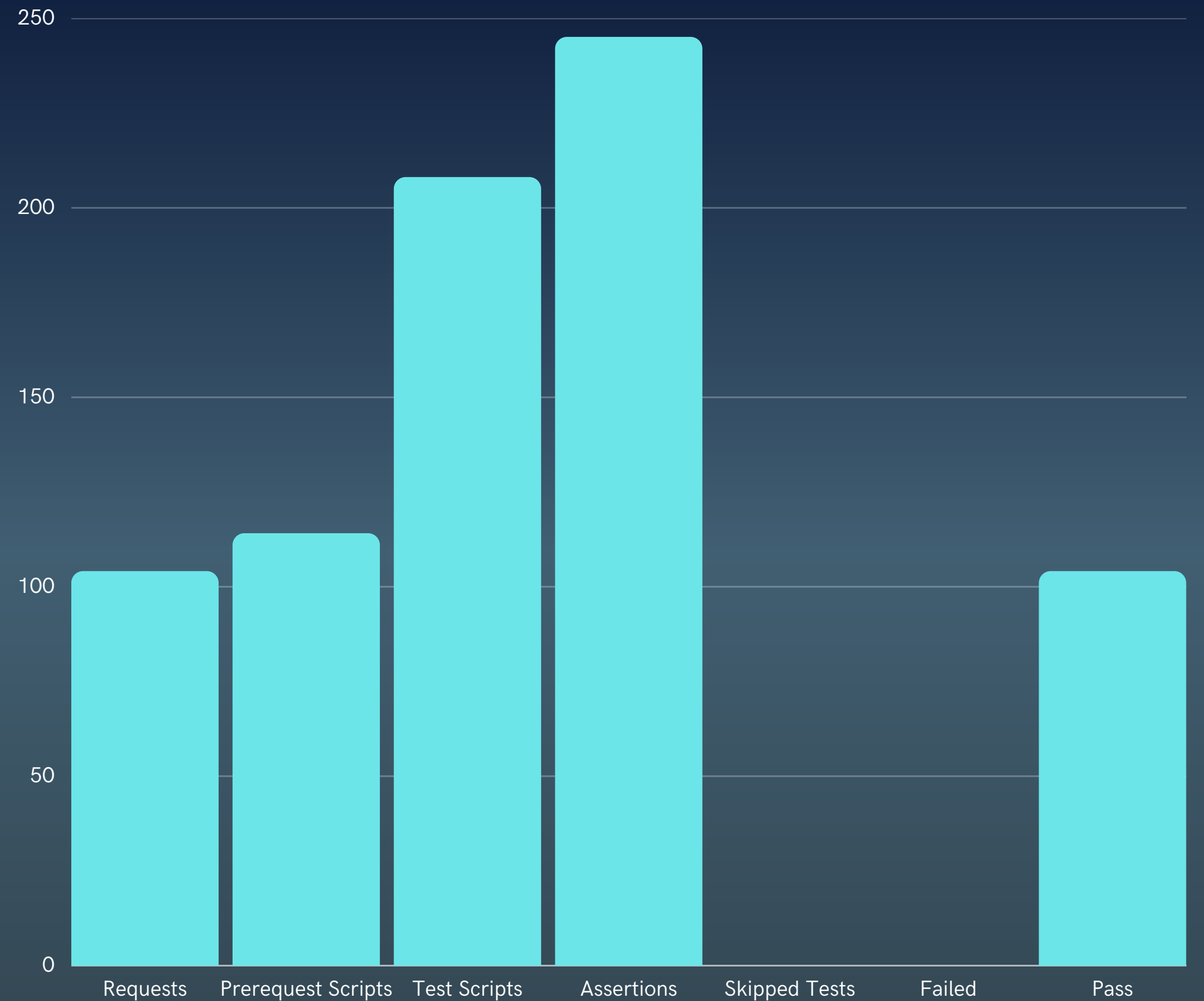
- Highest: 12
- High: 11
- Medium: 13
- Low: 0



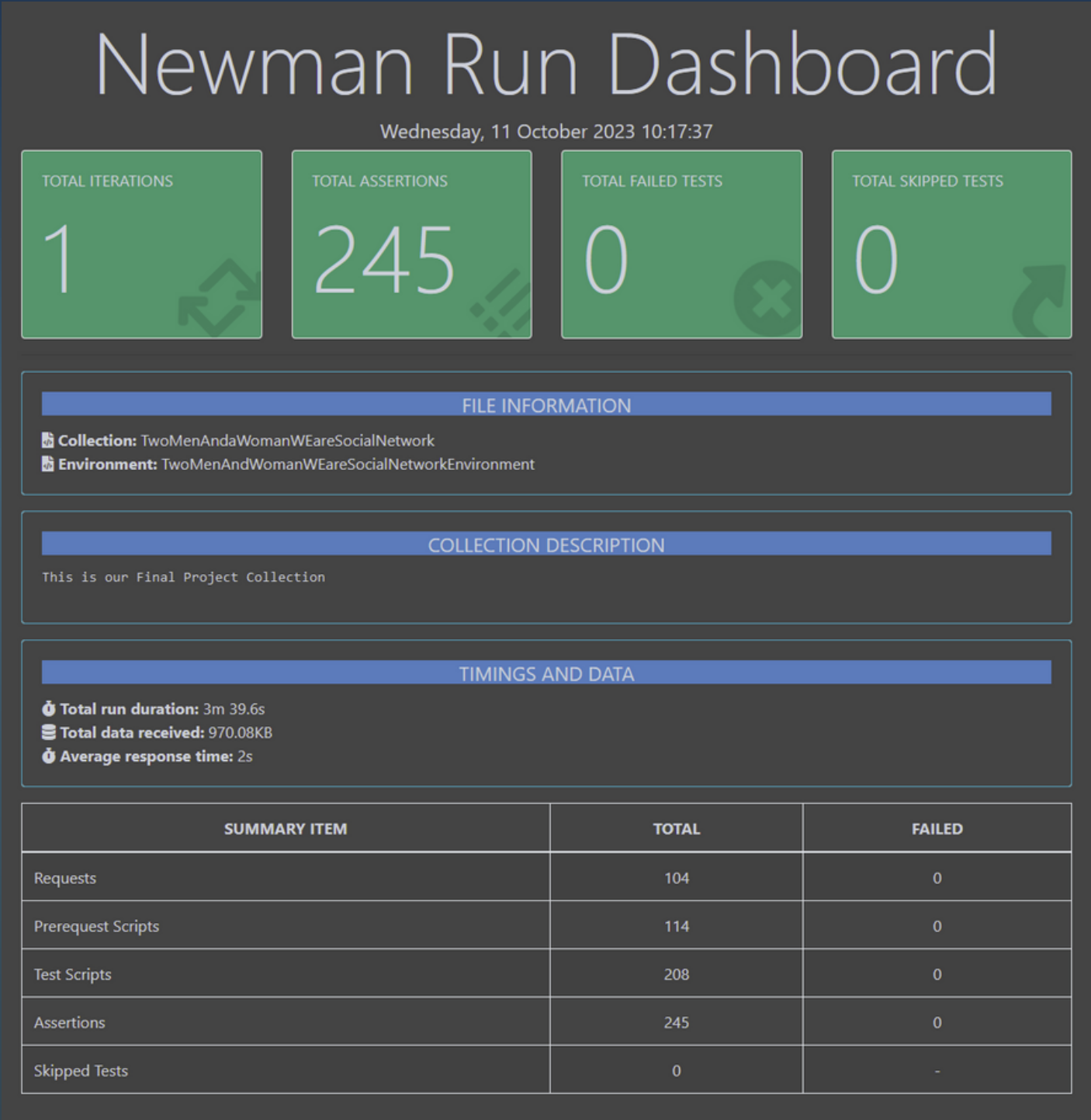


API Tests

- Requests: 104
- Prerequisite Scripts: 114
- Test Scripts: 208
- Assertions: 245
- Skipped Tests: 0
- Failed: 0



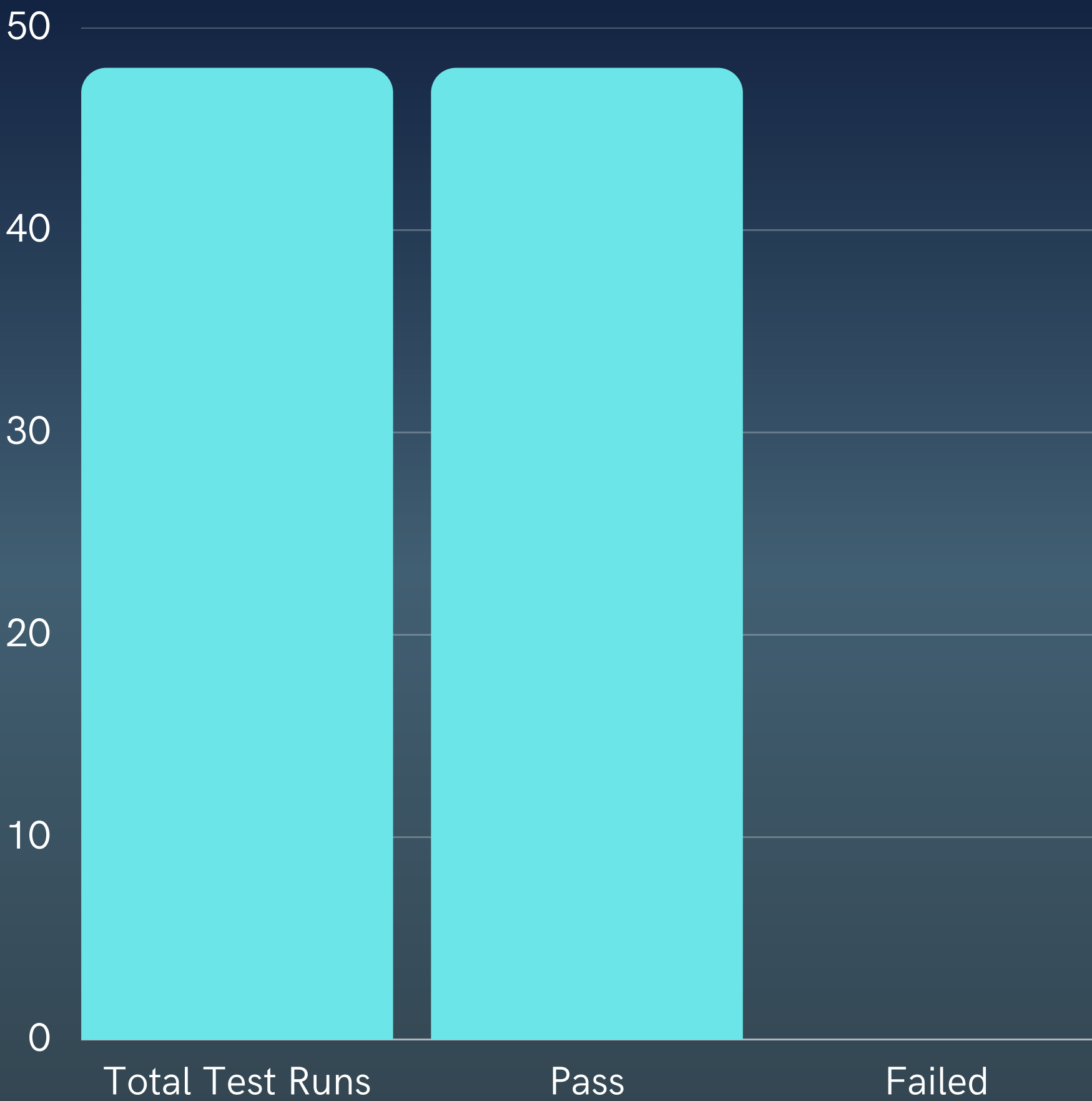
NEWMAN REPORT



REST API Tests

- Total Test Runs: 48
- Pass: 48
- Failed: 0

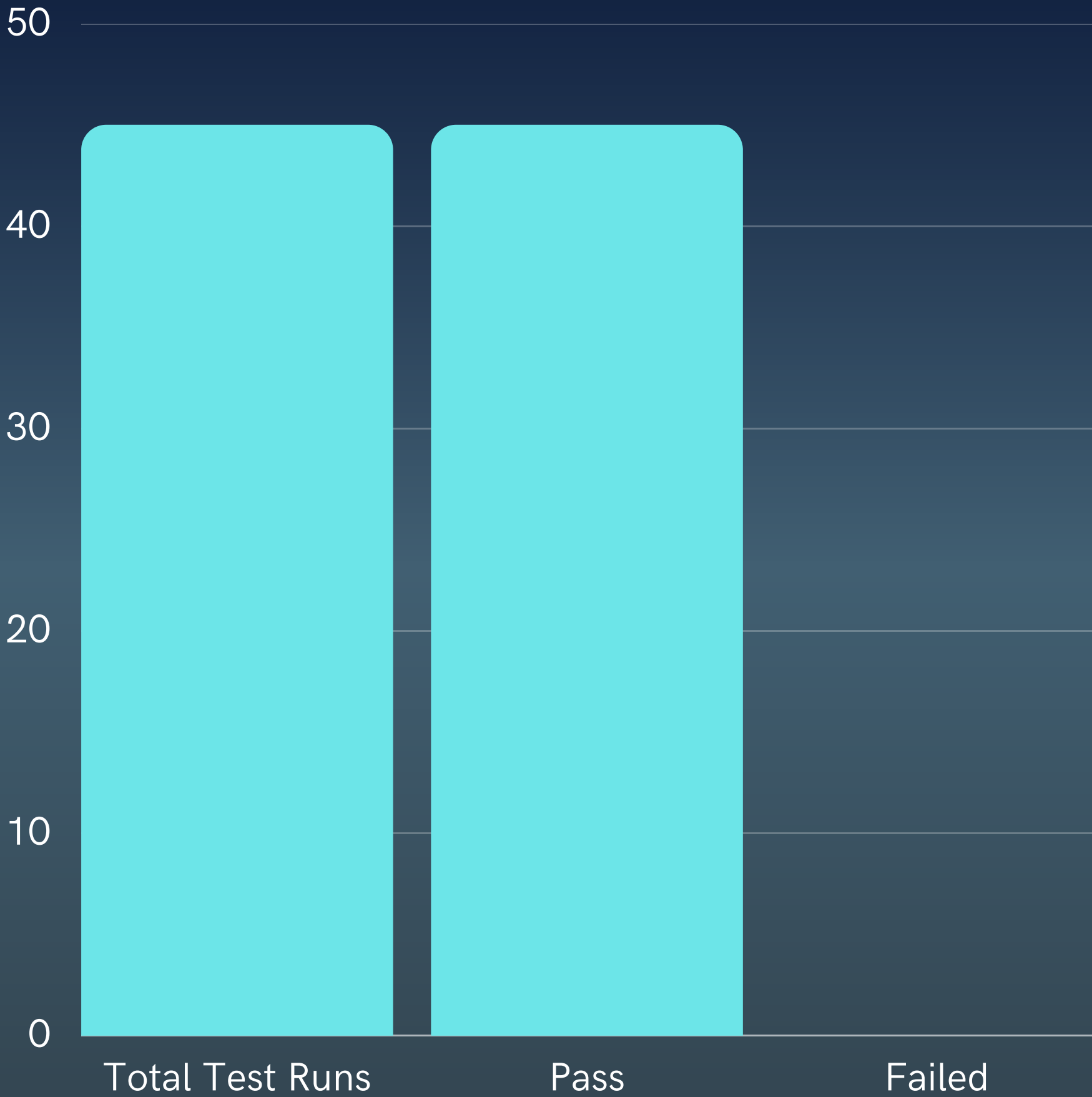
Package List						
<div>[Summary] [Package List] [Test Cases]</div>						
Package	Tests	Errors	Failures	Skipped	Success Rate	Time
restassured.posts	14	0	0	0	100%	127.4 s
restassured.useractions	26	0	0	0	100%	139.4 s
restassured.comments	8	0	0	0	100%	118.1 s



All test by status

- Total Test Runs: 45
- Pass: 45
- Failed: 0

Package List						
[Summary] [Package List] [Test Cases]						
Package	Tests	Errors	Failures	Skipped	Success Rate	Time
test.cases.selenium	45	0	0	0	100%	2497 s



CONCLUSION AND RECOMMENDATION:

The application effectively handles key functionalities outlined in the initial requirements, making it generally functional for users. However, the user interface lacks responsiveness and doesn't update in real-time, causing a less than optimal user experience. Additionally, the admin section is inadequately implemented, posing a potential security risk. Given these factors, we suggest postponing the launch until these issues are addressed.

