

# **TEST RESULTS AND EVALUATION REPORT**

*Document Management System  
By illegal\_team\_exception*

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## TABLE OF CONTENTS

	<u>Page #</u>
<b>1.0 GENERAL INFORMATION</b>	<b>4</b>
1.1 Purpose	4
1.2 Scope	4
1.3 System Overview	4
1.4 Project References	4
1.5 Acronyms and Abbreviations	4
<b>2.0 TEST ANALYSIS</b>	<b>6</b>
2.1 Security Considerations	6
2.2 Module testing	6
2.2.1 Expected Outcome	6
2.2.2 Performance	6
2.3 System testing	6
2.3.1 Expected Outcome	6
2.3.2 Performance	6
2.4 Test case and bug statistics	7
2.4.1 Test case statistics	7
2.4.2 Bugs statistics	9
<b>3.0 SUMMARY AND CONCLUSIONS</b>	<b>12</b>
3.1 Demonstrated Capability	12
3.2 System Acceptance	12

## **1.0 GENERAL INFORMATION**

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### 1.1 Purpose

The purpose of this report is to show the statistics of the testing efforts of the project.

### 1.2 Scope

Scope of the Test Results and Evaluation Report as it relates to the project:

All of the statistics such as test case number, bug reports, bug priority will be mentioned in this document.

### 1.3 System Overview

Brief system overview description:

- Responsible organization: *illegal\_team\_exception*
- System name or title: *Document management system*
- System category
  - *Major application*: performs clearly defined functions for which there is a readily identifiable security consideration and need
- Operational status
  - Operational
- System environment and special conditions
  - System only requires a web browser to operate after it was installed on the server (all of the installation instructions and user manual will be provided with the system).

### 1.4 Project References

References that were used in preparation of this document:

- *Document management system test plan*
- *Document management system test cases*
- *System requirements document*

### 1.5 Acronyms and Abbreviations

DMS - *document management system*.

## 2.0 TEST ANALYSIS

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### **2.1 Security Considerations**

System requirements were that users' passwords should be encrypted using hash (security should be SHA-256 or higher) and “Salt” and “Pepper” are used to increase password security. These requirements were successfully fulfilled by the development team.

### **2.2 Module testing**

Module testing was performed by the development team.  
After this testing level the items were ready for System Testing.

#### **2.2.1 Expected Outcome**

Developers covered their code with jUnit integration tests, which helped immensely to prevent further bugs in the development process. System was ready for the System testing after this testing stage.

#### **2.2.2 Performance**

Module testing was executed according to the test plan with no significant drawbacks.

### **2.3 System testing**

This testing level was executed by the test team. The actual testing was completed in the Test environment that is fully allocated for testing at this point.

Between Module Testing and System Testing some Smoke Testing was executed to approve the system is ready for System Testing.

#### **2.3.1 Expected Outcome**

All the tests executed successfully and the system is ready for User acceptance testing.

#### **2.3.2 Performance**

System testing was executed according to the test plan with no significant drawbacks.

## 2.4 Test case and bug statistics

*This section identifies the number of test cases, bugs found as well as severity levels of bugs found.*

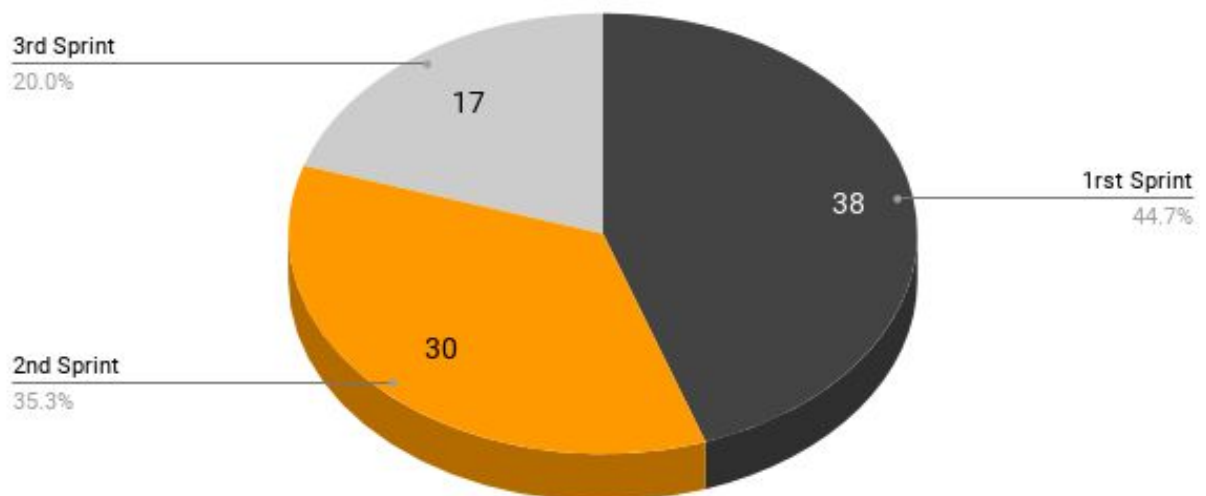
### 2.4.1 Test case statistics

1. Test cases by status:

Test cases planned	Test cases executed	Test cases passed	Test cases failed
85	85	85	85

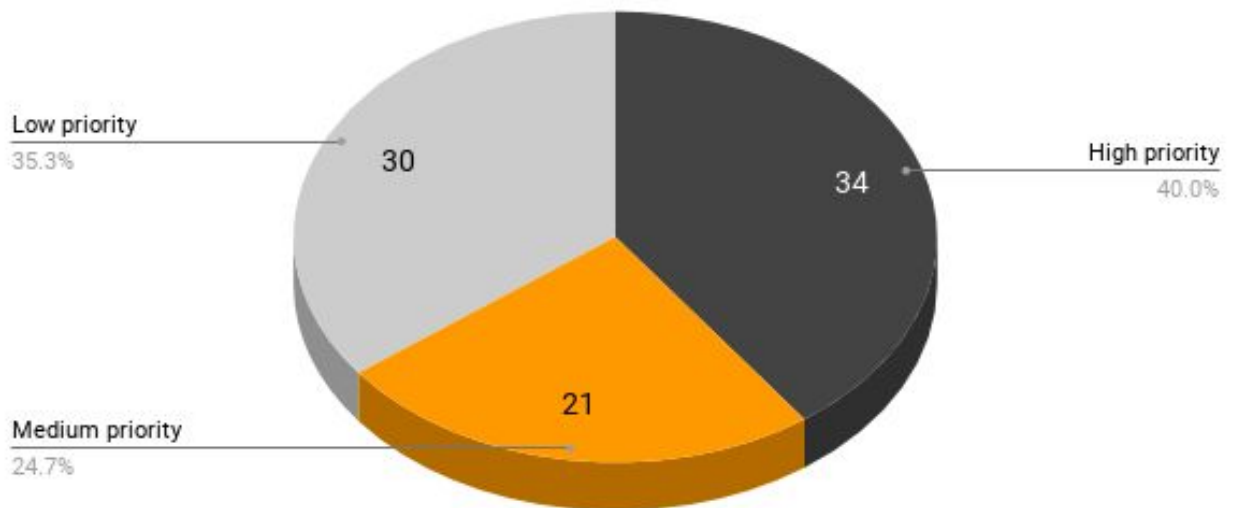
1. Total number of test cases - 85
  - a. Sprint 1 test cases - 38
  - b. Sprint 2 test cases - 30
  - c. Sprint 3 test cases - 17

### 85 Test Cases



2. Test cases by priority:
- a. High - 34
  - b. Medium - 30
  - c. Low - 21

Test Cases by priority

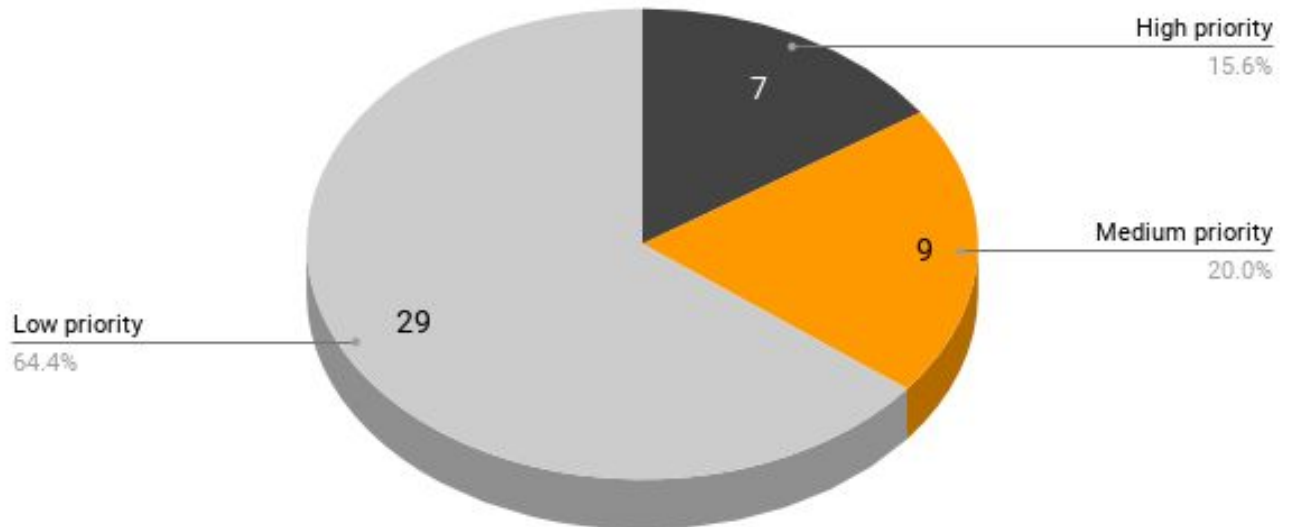




### 2.4.2 Bugs statistics

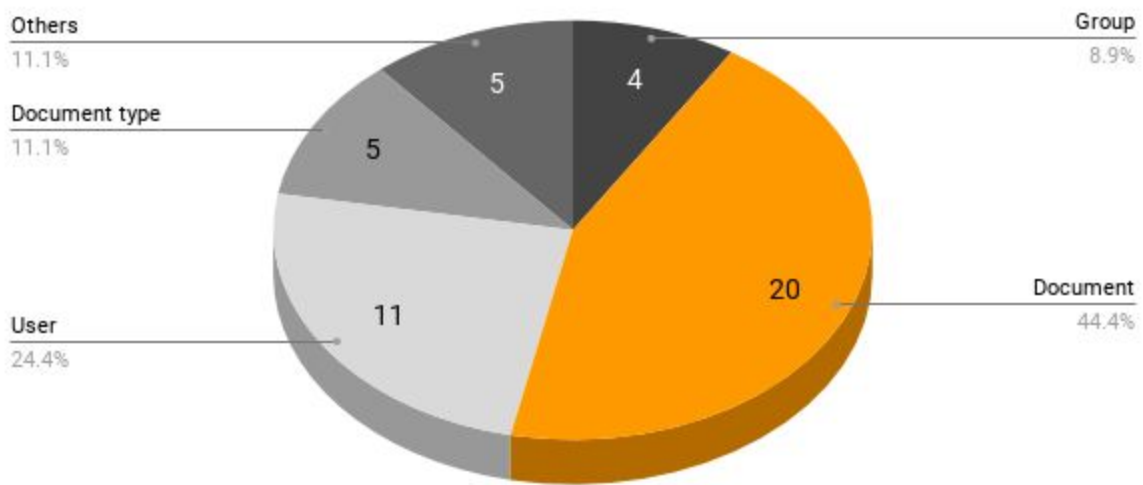
1. Total number of bugs registered - 45
  - a. Sprint 1 registered bugs - 0
  - b. Sprint 2 registered bugs - 18
  - c. Sprint 3 registered bugs - 27
2. Bug priority:
  - a. high - 7
  - b. medium - 9
  - c. low - 29

45 Bugs



3. Bugs by modules:
- a. User module - 11
  - b. Group module - 4
  - c. Document module - 20
  - d. Document type module - 5
  - e. Others - 5

Bugs by modules



## **3.0 SUMMARY AND CONCLUSIONS**

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### **3.1 Demonstrated Capability**

The purpose of the Document management system is to allow organizations to digitise their documents such as vacation requests etc. The users should be able to create, submit, sign or decline such documents within the system.

The testing effort confirmed that all of the functional requirements of the system were fulfilled successfully.

### **3.2 System Acceptance**

After the testing of the system was complete we concluded that the system is ready to be released for production.