

|  |
| --- |
| Task 1: Use Cases for ticking system, Interview Test. |
|  |
| July 1  unition  Authored by: Albert Michael Ludick |



Contents

[Phase I Use Cases 3](#_Toc170684935)

[Create Bug. 3](#_Toc170684936)

[Edit bug. 3](#_Toc170684937)

[Delete bug. 4](#_Toc170684938)

[Resolve Bug. 4](#_Toc170684939)

[Phase 1 Use Case Diagram 5](#_Toc170684940)

[Phase II Use Cases 6](#_Toc170684941)

[Add Severity and Priority to a Ticket 6](#_Toc170684942)

[Create Feature Request 6](#_Toc170684943)

[Resolve Feature Request 6](#_Toc170684944)

[Create Test Case 7](#_Toc170684945)

[Resolve Test Case 7](#_Toc170684946)

[Manage Users 7](#_Toc170684947)

[Phase 2 Diagram. 8](#_Toc170684948)

# Phase I Use Cases

## Create Bug.

* **Actor**: QA
* **Preconditions**: QA is logged in.
* Main Flow:

1. QA navigates to the "Create Bug" page.
2. QA fills in the "Summary" and "Description" fields.
3. QA submits the bug.

* **Post conditions**: The bug is created with status "Open".

## Edit bug.

* **Actor**: QA
* **Preconditions**: QA is logged in and the bug exists.
* Main Flow:

1. QA navigates to the "Edit Bug" page.
2. QA modifies the "Summary" and/or "Description" fields.
3. QA saves the changes.

* **Post conditions**: The bug is updated with the new information.

## Delete bug.

* **Actor**: QA
* **Preconditions**: QA is logged in and the bug exists.
* Main Flow:

1. QA navigates to the bug details page.
2. QA deletes the bug.

* **Post conditions**: The bug is removed from the system.

## Resolve Bug.

* **Actor**: RD
* **Preconditions**: RD is logged in and the bug exists.
* Main Flow:

1. RD navigates to the bug details page.
2. RD marks the bug as resolved.

* **Post conditions**: The bug status is updated to "Resolved".

# Phase 1 Use Case Diagram

RD

QA

# Phase II Use Cases

## Add Severity and Priority to a Ticket

* **Actor**: QA
* **Preconditions**: QA is logged in and the bug exists.
* Main Flow:

1. QA navigates to the bug details page.
2. QA sets the "Severity" and "Priority" fields.
3. QA saves the changes.

* **Post conditions**: The bug has updated severity and priority.

## Create Feature Request

* **Actor**: PM
* **Preconditions**: PM is logged in.
* Main Flow:

1. PM navigates to the "Create Feature Request" page.
2. PM fills in the "Summary" and "Description" fields.
3. PM submits the feature request.

* **Post conditions**: The feature request is created with status "Open".

## Resolve Feature Request

* **Actor**: RD
* **Preconditions**: RD is logged in and the feature request exists.
* Main Flow:

1. RD navigates to the feature request details page.
2. RD marks the feature request as resolved.

* **Post conditions**: The feature request status is updated to "Resolved".

## Create Test Case

* **Actor**: QA
* **Preconditions**: QA is logged in.
* Main Flow:

1. QA navigates to the "Create Test Case" page.
2. QA fills in the "Summary" and "Description" fields.
3. QA submits the test case.

* **Post conditions**: The test case is created with status "Open".

## Resolve Test Case

* **Actor**: QA
* **Preconditions**: QA is logged in and the test case exists.
* Main Flow:

1. QA navigates to the test case details page.
2. QA marks the test case as resolved.

* **Post conditions**: The test case status is updated to "Resolved".

## Manage Users

* **Actor**: Administrator
* **Preconditions**: Administrator is logged in.
* Main Flow:

1. Administrator navigates to the user management page.
2. Administrator adds/edits/deletes QA, RD, or PM users.

* **Post conditions**: User list is updated as per administrator's actions.

# Phase 2 Diagram.

QA

PM

RD

Administrators