Task 1: Use Cases for ticking system, Interview Test.

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unition
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Logo Name

Contents

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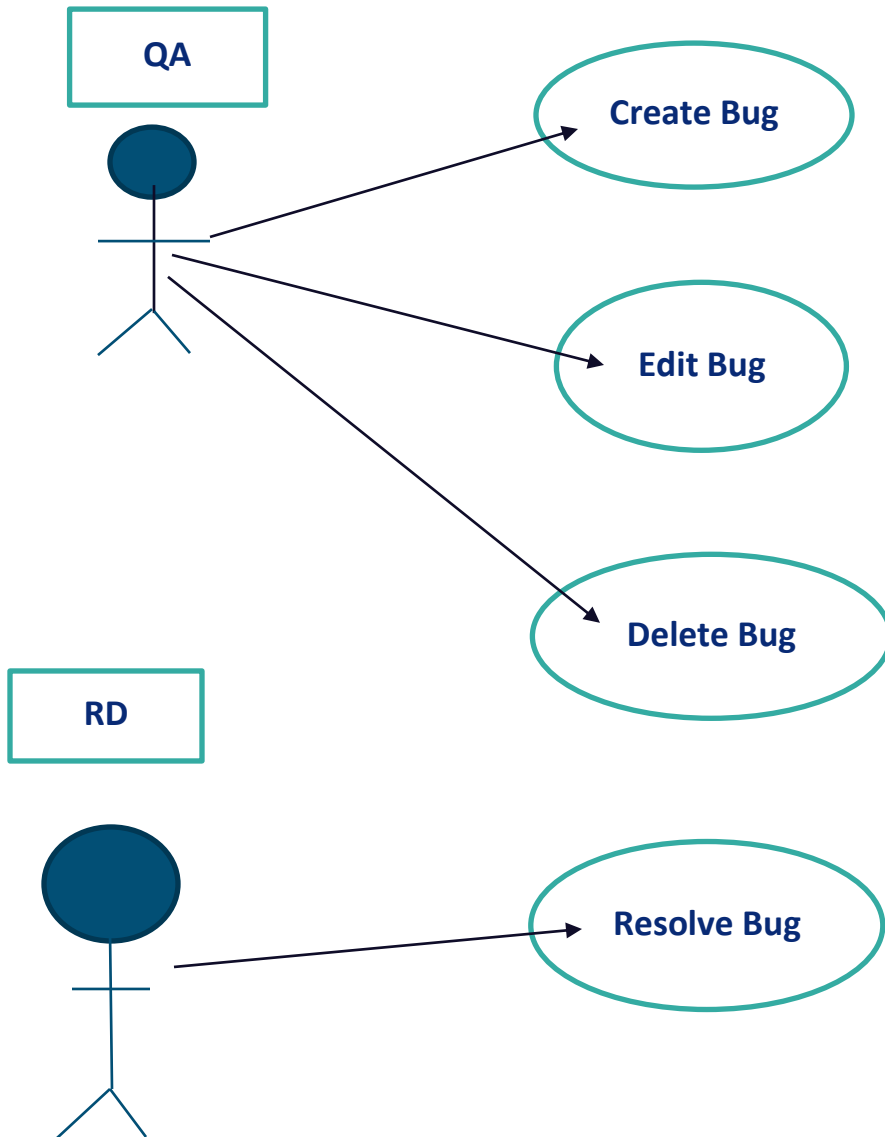- Post conditions**: The bug is updated with the new information.**

Delete bug.

- Actor: **QA**
- Precondition: **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**
- Precondition: **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

QA

Create Bug

Edit Bug

Delete Bug

RD

Resolve Bug

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

Add severity/priority

Create Test Case

Resolve Test Case

RD

Resolve Feature Request

PM

Create Feature Request

Administrators

Manage Users