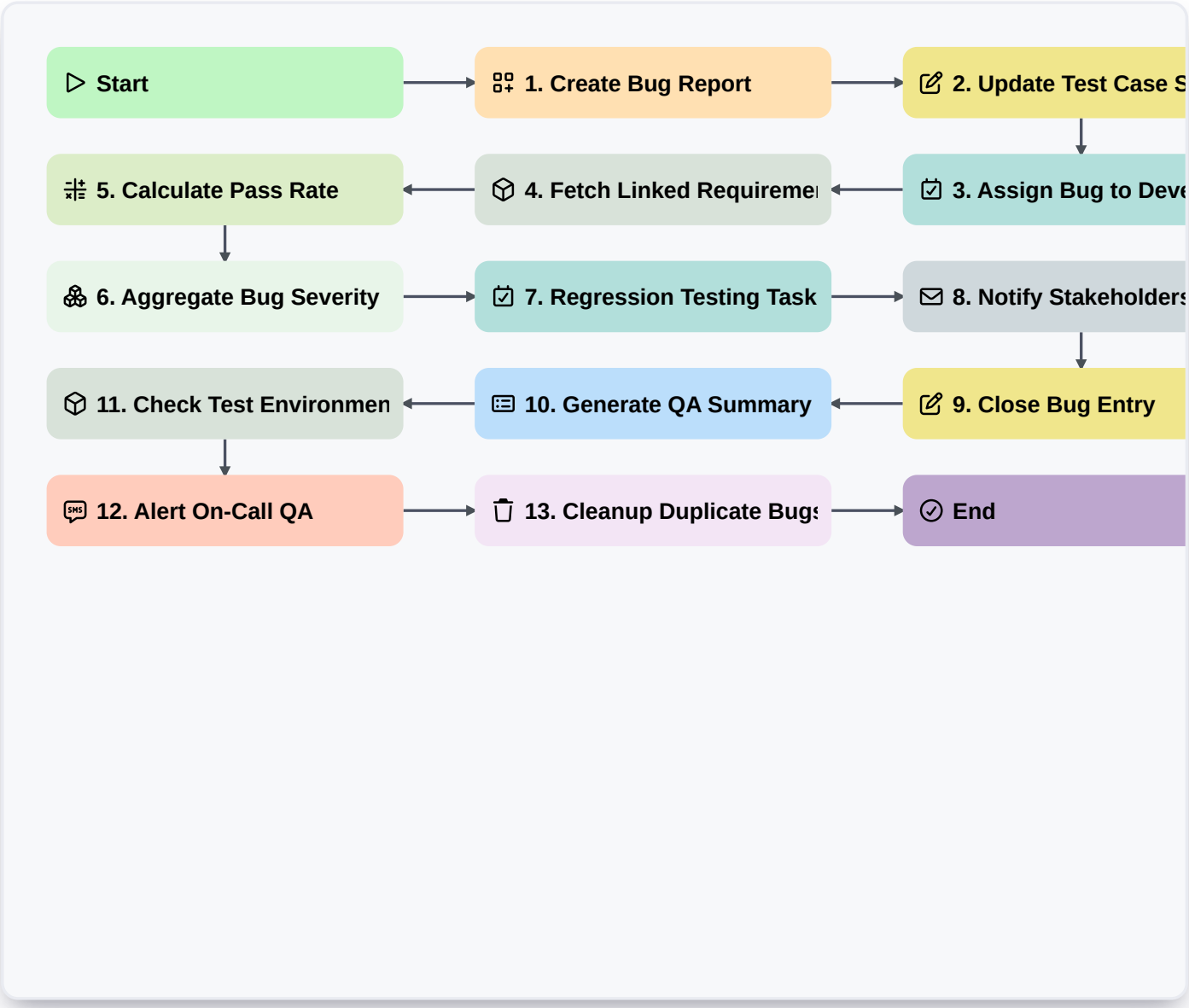
ChecklistGuro

Quality Assurance (QA) Testing Workflow



Start
Start of the Workflow/Process.

1. Create Bug Report
Create a new entry in the 'Bugs' data model when a defect is identified.

2. Update Test Case Status
Update the specific Test Case entry to 'Failed' or 'Passed' based on execution results.

3. Assign Bug to Developer
Create a task assigned to the relevant developer to investigate the reported bug.

4. Fetch Linked Requirements
Retrieve all requirement entries linked to the current Test Suite to ensure coverage.

5. Calculate Pass Rate
Execute a formula to calculate the percentage of passed tests vs total tests executed.

6. Aggregate Bug Severity
Sum the number of 'Critical' and 'High' priority bugs to assess release risk.

7. Regression Testing Task
Create a high-priority task for the QA team once a bug fix is deployed to the staging environment.

8. Notify Stakeholders of Failure
Send an automated email to the Product Owner when a critical blocker is identified.

9. Close Bug Entry
Update the Bug entry status to 'Closed' once verification is successful.

10. Generate QA Summary Report
Create a comprehensive PDF/Dashboard report summarizing the testing cycle results.

11. Check Test Environment Availability
Get entries from the 'Environments' data model to verify if the staging server is active.

12. Alert On-Call QA
Send an SMS notification to the QA Lead if a P0 (Blocker) issue is detected during night builds.

13. Cleanup Duplicate Bugs
Delete redundant bug entries that were identified as duplicates during the triage process.

End
End of the Workflow/Process.