

Business Requirements Specification (BRS)

Project: Rofane – Bug Tracker Module

Version: 1.0

Date: 11-Aug-2025

1. Functional Requirements

BR-01: The system shall allow a logged-in user to create a bug report with the following fields: Title, Description, Severity, and Attachments. Attachments must accept PNG, JPG, PDF, and DOCX formats only, and must not exceed 5MB in size.

BR-02: The system shall allow testers to update bug status (Open, In Progress, Fixed, Closed). Status changes must be recorded in an audit log with details of who made the change and when.

BR-03: The system shall allow managers to assign bugs to specific testers. The assigned tester must receive a system notification.

BR-04: The system shall allow users to search and filter bugs by status, severity, and assigned user.

BR-05: The system shall maintain an audit log of all bug updates, including field changes, date/time, and the user who made the change.

2. Non-Functional Requirements

NFR-01: The bug list page shall load in under 3 seconds.

NFR-02: The module shall work in Chrome, Firefox, and Edge browsers.

NFR-03: Uploaded files shall be scanned for viruses before being saved.

3. Assumptions

All users have valid login credentials.

The database is connected and accessible.

User roles (Tester, Manager, Client) are predefined in the system.