

Mantis

-Group 2-



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What is Mantis tool ?

Mantis is a free, open-source tool that helps track and manage software bugs throughout development. It allows you to report, assign, and fix bugs, and offers basic project management features.

-OVERVIEW-

Why is Mantis tool ?

- Bug Tracking
- Basic Project Management
- Cost-effective
- User-friendly
- Adaptable
- Supportive Community

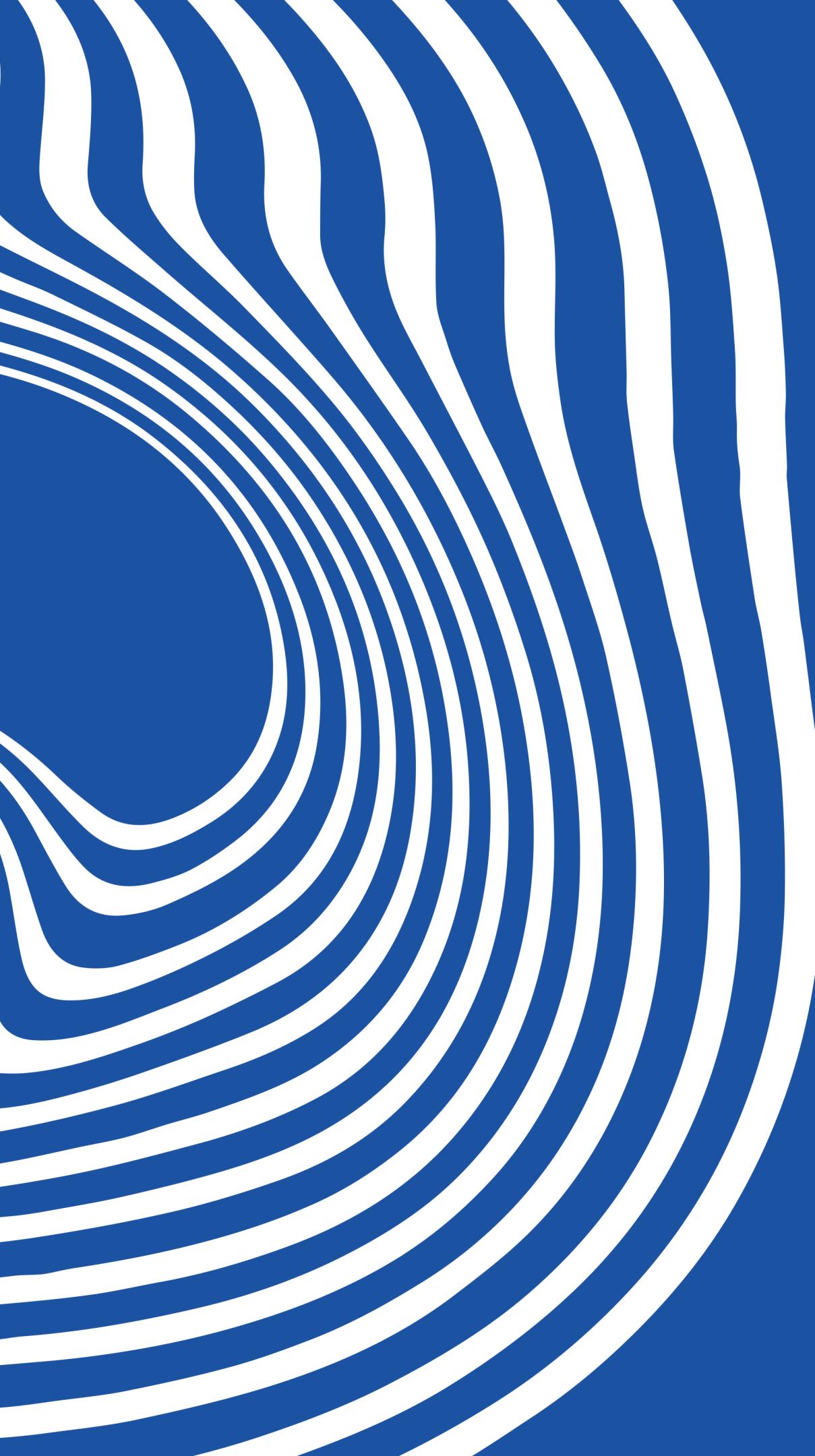


-OVERVIEW-

Who is created Mantis tool?

The initial development of the Mantis bug tracking tool is credited to **Kenzaburo Ito** in the year 2000. It later evolved into a collaborative project with other team members joining in 2002.





-OVERVIEW-

Reference Customer

- Project Managers
- Testers
- Developers

Architecture of Mantis



Interface frontend: HTML, CSS and JavaScript, using jQuery for dynamic interaction.

Backend Application: written in PHP.

Database: MySQL, PostgreSQL and others like MariaDB.

Plugin System: adding new functionality and customizations beyond the core capabilities.

Highlights

- **Revision Control System Integration:** MantisBT has a plugin called **Source Integration**, which allows integration with various revision control tools and web-based providers like GitHub, GitWeb, and SourceForge.
- **Customization and Configuration:** MantisBT offers extensive customization options, allowing the adaptation of user roles, bug process workflows, and issue fields to fit specific project or organizational needs.

Pros

- Open-Source
- Customizable
- User-Friendly Interface
- Email Notifications
- Extensive Plugin Ecosystem

Cons

- Limited built-in reporting
- Complex Configuration
- Limited Mobile Support

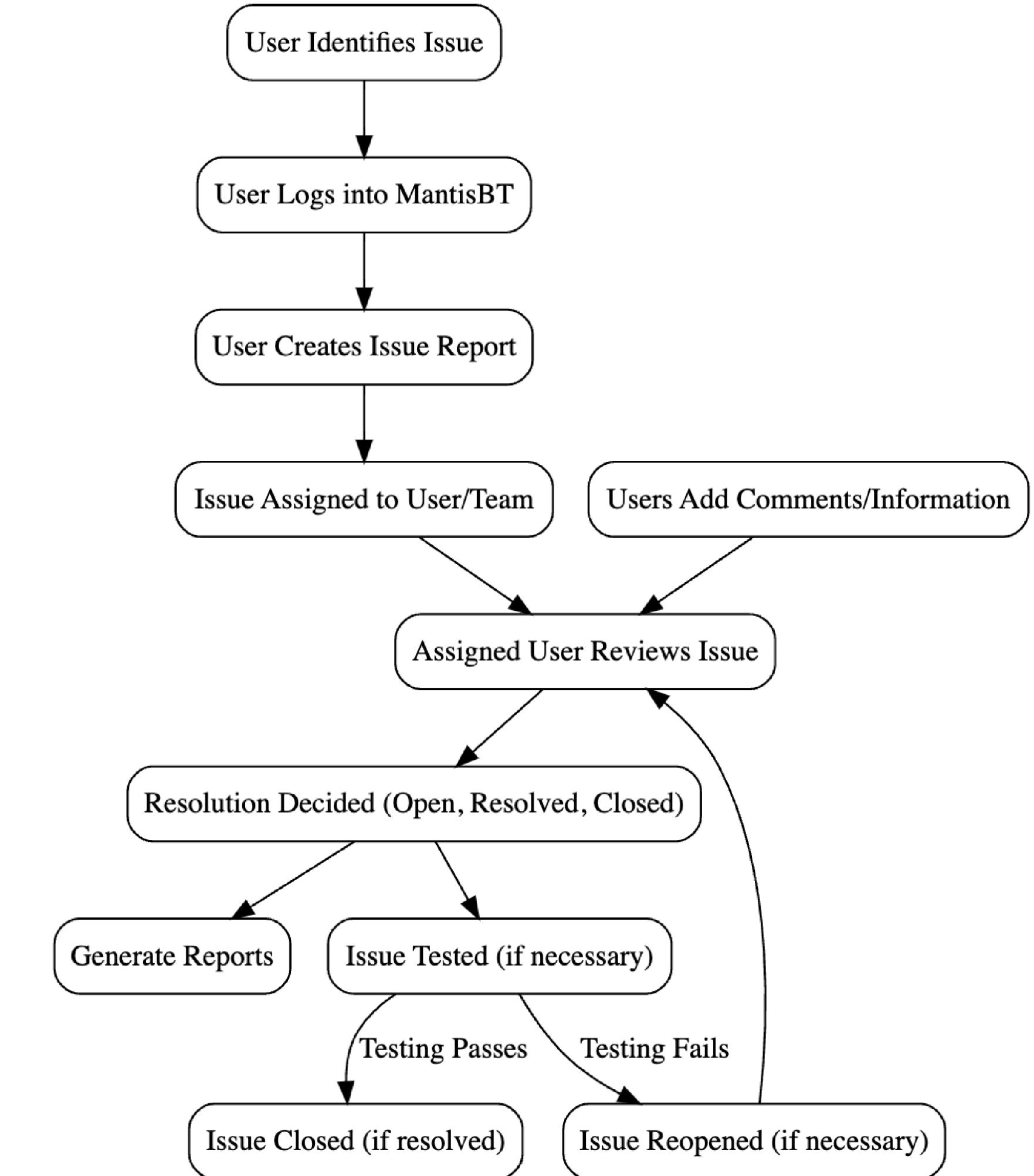
Details of Features



- Issue Tracking
- Workflow Customization
- Project Management
- Access Control
- Email Notifications
- Integration
- Reporting and Analytics
- Localization
- Customizable Interface

Main Flow

Mantis Bug Tracker



Demo

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Q & A

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Thanks for
listening!

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