Experiment No. 10

Aim :- Study and Demonstration of Bug Tracking Tool - Bugzilla.

Theory :- Bugzilla is an open-source tool used for issues and bugs tracking system. It is widely used as a bug-reporting tool for all types of testing functions.

Bugzilla is used to track and issues of a project or a software. It helps the developers and other stakeholders to keep track of outstanding problems with the product.

• It was written by Terry Weissman in TCL programming language in 1998.

• Later, Bugzilla was written in PERL and it uses the MYSQL database.

Software Requirements :

• Perl
• Database Server
• Web Server

Bugzilla. Download and install

git clone --branch release-X.X.-stable
        http://github.com/bugzilla/bugzilla

1. Log-in
2. In the nextwindow
3. Bug is created

The fields that are present in the default bug screen are:
- Product - Which we selected on the privious page.
- Component - Each product can be split into one or more components based on the use or functionality etc.
- Version - Version of the product in which the bug was detected.
- Reporter - Email id of the person logging the bug
- Severity - Severity of the bug
- Hardware and OS - Machine details from which bug is logged
- Summary - To provide summary for the bug
- Description - A complete description of the bug
- Add an Attachment - To provide any supporting file as attachment.
- Submit a Bug - To submit the bug and create a Bug ID.

4. Deadline in Bugzilla usually gives the time - limited to resolve the bug is given time frame.

Conclusion :- Thus we have studied Bug Tracking Tool - Bugzilla.

http://localhost/bugzilla/

Bugzilla Main Page

Bugzilla – Main Page   version 5.0.1

Welcome to Bugzilla

File a Bug   **Search**   **Open a New Account**   **Documentation**

[   ]   Quick Search   [?]

Common Queries:

Bugs reported in the last 24 hours 🔶 | last 7 days 🔶
Bugs changed in the last 24 hours 🔶 | last 7 days 🔶

Bug 26320 - **Gears for sams widget twisted** (edit)

Status: CONFIRMED (edit)

Product: Sam's Widget ▾

Component: Widget Gears ▾

Version: unspecified

Hardware: PC ▾   Windows NT ▾

Importance: P2 ▾   normal ▾

Target Milestone: ---

Assigned To: sam folk-williams (edit) (take)

QA Contact: (edit) (take)

② **URL:** [   ]

③ **Whiteboard:** [   ]

④ **Keywords:** [   ]

⑤ **Tags:** [   ]

⑥ **Depends on:** [   ]

⑦ **Blocks:** [   ]

Show dependency tree / graph

Reported: 2015-01-07 02:50 PST by James
Modified: 2015-01-07 03:10 PST (History)
CC List: 1 user including you (edit)

See Also: (add)

Large text box: ① [   ]

A multiple-select box:
Always Appears
Also Always Appears
Third Value, Always

Drop Down List: --- ▾

Date Time: [   ]

Bug ID Field: [   ]

Flags: *None yet set* (set flags)

Bug ID number is assigned to newly created bug

Orig. Est.:	Current Est.:	Hours Worked:	Hours Left:	%Complete:	Gain:	Deadline:
0.0	0.0	0.0 + 0	0.0	0	0.0	2015-01-09

Summarize time (including time for bugs blocking this bug)

Attachments ⑧

Add an attachment (proposed patch, testcase, etc.)

Before reporting a bug, please read the bug writing guidelines, please look at the list of most frequently repo

Show Advanced Fields   (* = Required Field)

① * **Product:** Sam's Widget   **Reporter:** jeegarguru@gmail.com

② **Component:**
Widget Gears ▲	— Component Description **③**
	Gears for Sam's widgets

④ **Version:**
unspecified ▲	**⑤** **Severity:** normal ▼
	⑥ **Hardware:** PC ▼
▼ **⑦**	**OS:** Windows NT ▼

We've made a guess at your operating system and platform. check them and make any corrections if necessary.

⑧ * **Summary:** [   ]

⑨ **Description:** [   ]

⑩ **Attachment:** [Add an attachment]

⑪ [Submit Bug]