

“E BUG TRACKER USING CLOUD”**¹Sameer Rawat, ²Shrikant Pingale, ³Jagdish Patil, ⁴Govind Poddar**^{1,2,3}B.E. Student, Department of computer Engineering, Gangamai College Of Engineering Nagaon Dhule, Maharashtra, India, ⁴Head of Department of computer Engineering, Gangamai College Of Engineering Nagaon Dhule, Maharashtra, India.**ABSTRACT**

Many open sources, free and business bug following apparatuses have been created and are right now under improvement. There are number of issues are identified with programming projects are day by day expanding and the designers are begun to utilize bug global positioning frameworks in a specific order to oversees the bug reports. The business needs that the measures to choose the best framework device among the accessible arrangement of framework apparatuses which will assists with fixing and track the reformist report of bug fixes. While, assortment of helpful data from the enormous also, not coordinated arrangement of there reports is still difficult issue on the grounds that there are various bug global positioning frameworks are give the information by means of numerous assets like web interfaces. We use , Mantis, BugTracker.Net, Gnats and Fossil are utilized for subsequently near examination. We attempt to present this extensive characterization measures to oversee the surveys for accessible instruments and propose another adjusted device for the bug following and detailing framework. It likewise makes a difference in revealing the bugs which are established by that cycle, doling out the bug to the engineer for checking and fixing the advancement of bug fixing by different graphical/outlining office and announcements. It likewise giving the dependability of bug expectation and attempts to discover the bugs for intricacy estimations, and permits to appropriating fixes to clients.

Keywords : *cloud computing ,Bug report, .Bug tracking, Resolution of bugs, Classification criteria, Reliability assessment, filtering, Report generation.*

1. INTRODUCTION :

The primary reason for this undertaking Bug Tracking Framework project is to manage giving on the web backing to the programmers who are confronting the bugs or mistakes in programming advancements. This undertaking can keeping up task subtleties, designer subtleties what's more, analyzer subtleties. Bug Tracking System is the framework which empower to distinguish the bugs. It doesn't discover the bugs yet gives the full data with respect to bugs distinguished. Bug Tracking System permits the client of it who needs to think about a give data to the recognized bugs.

The architects build up the project according to customer necessities. The analyzer will recognize the bugs in the testing stage. At whatever point the analyzer confronting number of bugs then he adds the bug id also, data in the information base. The analyzer educates to project administrator and designer. The bug subtleties in the information base table are available to project administrator furthermore, engineer. When a customer puts solicitation or requests for an item to be created. The framework/Project director is capable to adding clients in the Bug Tracking Framework and allocating undertakings to the clients. This project gives bug data incorporates the bug id , bug name, bug need, project name, bug area, bug type. This all cycles are continuously executing until all the bugs are settled in this framework.

This framework additionally ready to help for bug report is shipping off the System/project supervisor and the designer to the extent the bug is getting recognized. It makes simple to any individual who actually has to know about the bug can learn of it not long after it is accounted for. Bug Tracking System assumes a fundamental part in the testing stage. In any case, it upholds relegating projects for the designer,

analyzer. This Bug Tracking System keeping up the various clients and it gives separate conditions for project director, engineer analyzer.

2. LITERATURE SURVEY :

Current bug global positioning frameworks, client do not successfully inspire the entirety of the data required by designers. Without this data to determine bugs structure the given framework software. To actualize it we plan the new strategy which is actualizing on the web cycle. From that client can ready to settled bug rapidly. It relies upon the measure of information is available to perform the bug following programming. In the event that information is less, at that point bug can be track rapidly as contrast with the tremendous or more measure of data. It relies upon the varieties of the program code.

To make the execution of bugs more safely and perform fastly , We working the bug global positioning framework fourly. Which are Tool-driven, Cycle centric, User-driven and Information-driven. In Tool-driven it can assists with lessening the weight of data assortment and arrangement. In Process driven it center around organization of exercises related CUEZILLA that gives the constant criticism on the quality data gave and what can be added to expand esteem.

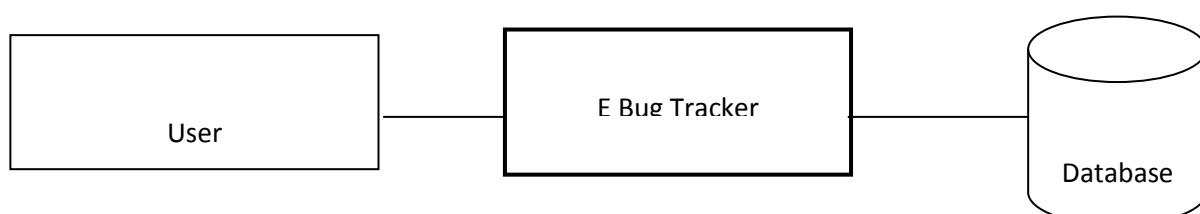
To eliminate the duplication of the bugs N. Jalbert and W. Weimer proposed a framework that consequently erases copy bug reports and saves the time. They applied surface component, surface semantics and diagram grouping to recognize copy bug reports. There was eight percent decrease in the bug report caused due to sifting of copy bugs. A few frameworks like Bugzilla, Mantis and Trac and so on gives the open source bugs global positioning framework yet they not utilizations this method. Along these lines, This method gives the additional component to client to upgrade the product quality.

In our work to help and execute a wide range of facts and codes we utilizes five open source devices, for example, Flyspray, Jtrac, Mantis, php Bug Tracker and Web issues are employments. Remarks, make charts, tweaked topic, altered work process, conditions, email notice, send out documents, disappointment depiction, record connections, history see, multi language uphold, update, seriousness, status and variant are the highlights considered for the investigation of the devices. These instruments can oversees there bugs through their life cycle, for making beginning report to executing last goal.

3. PROPOSED SYSTEM :

In light of the overview we have perceived that the framework will deal with organized information including client data, login data, information code data also, reports. The framework stores information in MySQL information base group by the utilization of Web interface in Thrift furthermore, after that it stores information in data set worker by information base worker and Web worker. For preparing reason we use administrator/client data also, we create online bug global positioning framework for people groups. Analyzers and Developers can check their holding up time by utilizing this framework and accordingly can Information-driven, it lessen their disappointment

Figure 1 : System Architecture



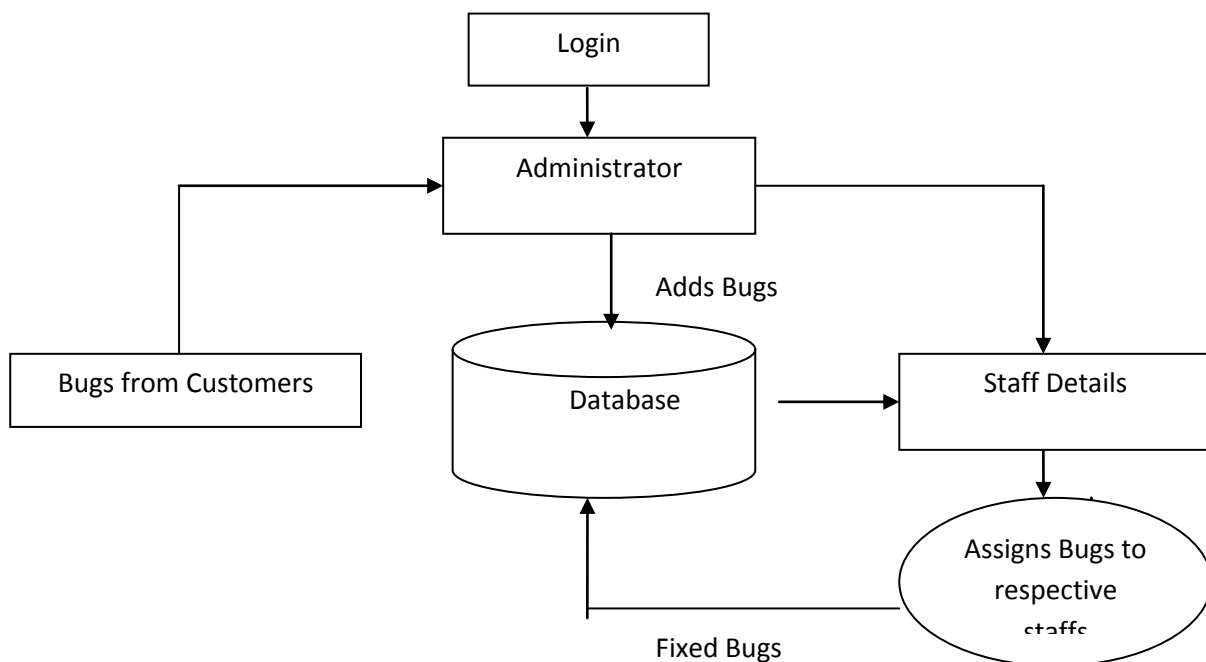


Figure 2 : Bug Tracking

A. Administrator:

The administrator logs in to the application and enters the following details.

- Staff Entry.
- Project Entry.
- View New Bugs From Customers.
- Assign Bug to staff.
- View Bug case flow status details.
- Send message to customers

B. Staff:

- The staff may login to the site using username and password.
- Then he may view the bugs assigned to them. He can directly give solution message to customers or he can assign the bugs to other staffs if the bug is related to them.
- The user may view bug case flow details with which he involved.

C. Customer:

- The customer registers in to the applications and login to the site using username and password.
- Whenever a bug is raised from his software, he sends the bug details to the administrator with print screen of the bug generated.
- He may see the bug case flow details and bug status along with remedy details at any time using the ticket number generated during new bug entry

4. CONCLUSION :

In this paper we have inspected on the advances which are being utilized for finding and improving bug following framework. further we have presented various strategies used to actualize them. Present techniques incorporate data set server, SQL and administrator data. Later on we have analyzed the various strategies utilized by scientists in their frameworks, for example, Mantis, java Bug Tracker and Web issues, putting away of structure information into the information base and so forth This correlation will help us in building our framework more advantageous and valuable. From the exploration we have proposed the framework which will anticipate time needed for specific errand.

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