**EBug Tracker - Bug tracking system project**

This defect tracking system helps to track bug.

There are three modules in this tracking system, Administrator, Staff and Customer.

1.The Administrator can login to the app and can enter the details of staff, project, view bugs send from the customers.

The admin can also also assign work to staffs, view bug case flow status details, send messages to customers using this bug tracking application.

2.The staff can login to the site using username and password.

Then he/she can view the bugs assigned to them.

He can directly give solution message to customers or he/she can assign the bugs to other staffs if the bug is related to them.

3.The user may view bug case flow details with which he/she is involved.

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/she 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.

This is how bug tracking can be done with this application.

Required Features:

· User should be able to login through the app.

· System should have details about the project and dashboard showing current bugs.

· Users should be able to raise ticket for the bug.

· Provide critical levels for bugs (low, medium, high, severe).

· User should be able to add note to the ticket.

· User should be able to paste code snippets.

· User should be able to highlight important words in note using # tag.

· User should be able to tag responsible person for bug fix using @ tag.

· When @ is typed then list of Users should be displayed and should be able to select the responsible User.

· When using # and @ the text color should be changed so it can be highlighted.

· When @ is used and ticket is raised then the responsible User should be notified.

· Once bug is solved User should be able to close the ticket.

· Create a good UI for good user experience.

· Plan a good architecture pattern for the project.

· Provide security for project.