**Slide 1 – Mantis Bug Tracking System**

Today, we are going to present a system that plays an important role in the software industry.

**Slide 2 – Bugs?**

Firstly we must describe what are bugs?

A bug is an error, fault, flaw or failure.

These bugs can arise from mistakes or errors.

Programs which are full of bugs is called a buggy program.

Bugs are to be rectified and helps in report detailing.

**Slide 3 – Bug Tracking System**

Now, what is a bug tracking system?

It is designed for quality assurance.

It helps programmers to keep track of reported bugs.

Also known as an issue tracking system.

Database forms an important part of the system.

**Slide 4 – Features of Bug Tracking System**

Now, what are its features?

Database records facts about bugs.

Facts like the bug time, nature, behavior and how they come into a project.

The lifecycle of a bug is clearly represented through its status.

**Slide 5 – MantisBT**

Now we introduce the Mantis Bug Tracker.

First, it is free.

Open source software.

Web based which makes it easier to access it anywhere.

Next, it is a proper issue tracking system and an excellent Project management tool.

**Slide 6 – Development Language**

Mantis is developed using PHP, SQL for database interaction, styled using XHTML and uses CSS for its design.

**Slide 7 – Database Storage**

As far as database is concerned it a true implementation of the RDBMS concept.

Supports MySQL, Microsoft SQL and even Oracle.

**Slide 8 – Conclusion**

So, a bug tracking system helps programmers to keep track of bugs and helps them to resolve errors in an efficient way.

**Slide 9 – Live Demonstration**

Now, we will show you a live demonstration of what Mantis Actually looks like and how we have implemented it to solve our case study.

**Slide 10 – Thank You**

Thank you!!