Defect Tracking System

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What is Defect?

- A defect means some error or some mistake in computer program. Which resets in some unexpected wrong output.

- Most of the defects occur because of some mistake from the developers in the software coding or it may be because of some problem with the software.
What it is about?

- Defect Tracking System (DTS) is an application or software which runs using web and this application can be accessible to any employee of the company.
- To work with this application, first, an employee needs to register by giving necessary details. Those errors can then be corrected by the appropriate developers.
- This software also provides some extra facilities to the users such as email notifications, generating reports, user access controls, etc.
Modules

- Administrator
- Operational Administrator
- Operator
- Search
- Reports
- Registration and Authentication
Administrator

- Administrator can perform various roles. Such as,
  - Manage user
  - Manager Roles
  - Manage and add Software's
  - Creating the reports using Excel sheet
Operational Administrator

- He is the main person to solve any kind of a defect and provides the solutions by communicating with the employees.

Operator

- Operator is an employee of the organization who reports the defects to the administrator.

Reports

- Reports contains the complete details of the defects. Which can be generated by the Admin.

Search

- This facility can be utilized by any user. For example employees can search their profile information.
Registration

- Before sending any bug user must be a member of the application. If he is not a user first he need to register and then can send the defects details.
Hardware requirements

- **PROCESSOR**: Intel i5
- **RAM**: 8GB SD RAM
- **MONITOR**: 14” COLOR
- **HARD DISK**: 80 GB
- **KEYBOARD**: STANDARD 102 KEYS
- **MOUSE**: STANDARD MOUSE
Software Requirements

- OPERATING SYSTEM: WINDOWS 8.1
- ENVIRONMENT: VISUAL STUDIO 2015
- .NET FRAMEWORK: VERSION 4.0
- LANGUAGE: C#.NET
- WEB TECHNOLOGY: ACTIVE SERVER PAGES.NET
- WEB SERVER: INTERNET INFORMATION SERVER 7.0
- BACK END: SQL SERVER 2012
USE CASE DIAGRAM
Admin Roles
The system is an Intranet based application that can be accessed throughout the Organization or a specified group or department. This system can be used as a Defect Tracking System for the organization.

*Defect Tracking System* refers to a range of practices used by organizations to identify the defects, send defect report to the concerned admin. This can be performing across the organization.

*Defect Tracking System* programs are typically tied to organizational objectives and are intended to lead to the achievement of specific outcome. Such as detect the defects is improved performance of the organization with competitive advantage, or higher levels of innovation. Here we are looking at developing an online intranet *Defect Tracking System* that is of importance to an organization. We certainly hope you had enjoyed your browsing with us.
Welcome To Admin

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### USER REGISTRATION FORM

#### PERSONNEL DETAILS

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Thank You