Unit testing:

Testing of individual software components or modules.typically done by the programmer and not by tester os it require detailed knowledge of the internal program design and code may require devloping iest driver modules or test hurness.

System Testing

Entire system is tested as per the requirements black-box type testing that is based on overall requirements specification covers all combined parts of a system.

Testing Methodology

* Black-box Testing:

Black box testing is also referred as behavior testing.

It focuses on the functional requirment of the software.

Black-box testing treats the software as a “black-box” without any knowledge of internal implementation.

* Black-box tasting methods:
* Equivalense partitioning
* Model-based testing
* Specification-based testing
* Black-box testing finds the error in following categories:
  + Incorrect or missing funcation.
  + Utilization & termination error.
  + Behavior & performance error etc.
* White Box testing:

White box testing is also known as glassbox trsting.

It is a test case design philosophy that uses the control structure describe as part of component-level design.

White-box testing method deals will the internal logic & structure of the code.

In order to deal with white box technique the tester has no deal with the code hence he must have the knowledge of coding logic.

Test Cases

|  |  |  |
| --- | --- | --- |
| Field | Value | Succesfully login |
| eid | abc |
| password | abc |

|  |  |  |
| --- | --- | --- |
| Field | Value | Unsuccesfully login |
| eid | abc |
| password | xyz |

* Work Experience:

The past two months have proved to be a great learning experience and have made us aware of the hardships an organization has to deal with while building a software project.

We also came across various methods and conventions that an organization follows in order to develop a project.

Our project guide was always eager to lend a helping hand during the course of developing our project but made sure that we try solving our difficulties by ourselves first and then only ask him for his help thereby made us self-reliant.

He also made sure that we understood every single aspect of the project. We would conclude this by saying that we gained a lot from this training and this knowledge surely will help us in the coming future.

7.2 Future Enhancement:

The system that was to be built in the organization need to have some creative concept that can help the user in the real manner and the next important thing is that it should give the most interactive and automated solution to the user.

As the prior application were not providing the userinteraction,the new application should be created for the intranet website and mobile device so that user can access the application efficiently.

The new application also gives the user the liberty to know and use the application from the web through the web modules which gives complete information of the application.