# FEED BACK SYSTEM

**Title of the Project:** FEEDBACK SYSTEM

**Project Architecture: N-Tire**

**SDLC Methodologies:** Waterfall/Spiral Model

|  |  |
| --- | --- |
| **Course:** |  |
| **Roll No:** |  |
| **Name of the Student:** |  |
| **Technology And Language:** | JSE, JEE.SERVLETS. |
| **Internal Guide:** |  |
| **E-Mail ID:** |  |
| **Mobile No (Student):** |  |

**Abstract of the Project:**

**Introduction:**

Feedback System is a java web based application. It will mainly deal with the Feedback information in colleges. By using this application the students will sends feedbacks to administrator regarding their issues.

**Functional Requirements:**

The services that this system should support for these users are summarized below:

This system should provide the administrator with the convenience such as adding a new faculty, view and manage the information about the faculty; students view the next information:

* Admin maintain all the information about the project.
* Admin can add the students’ details and staff details.
* Admin can add department, view the staff details, and student details.
* Admin view the staff feedbacks and search the feedbacks by branch-wise, year-wise, and semester-wise.

## Non-Functional Requirements:

The system should be web-based system. Users should use the system via internet. Each user should have a user account. The system should ask the username and password to users. It doesn’t permit to unregistered user to access for Insurance on Internet. The system should have Role based System functions access. Approval Process has to be defined. The system should have Modular customization components so that they can be reused across the implementation.

# These are the mainly following:

* 24 X 7 availability
* Better component design to get better performance at peak time
* Flexible service based architecture will be highly desirable for future extension

**Existing System:**

In the existing system the faculties have to take care of the students and collect all the feedback details and verification has to be taken manually.The existing system is manual and the manual system works in the following way:

**Limitations of the Existing system:**

* The faculty of particular department can assign because of that its take more time consuming to the faculty as well as student.
* If any personal details related to the student/staff have been tainted then the details has to be submitted to the college.
* If any personal details related to the student have been changed then the details has to be submitted to the College. This process is to be taken manually.
* Within a College the interactions between Principal (Admin), Faculties and the Students have been done manually.

Till now most of the schools has adopted the above manual system that produces lot of problems and at the same time the following disadvantages are there with the above system.

* The increasing complexity,
* producing the reports as desired is not possible,
* it is Manual system so it is time consuming

**Proposed Systems:**

To overcome all the difficulties of the existing system the management has proposed automated the whole system and the development of the new automated system contains the following activities, which try to automate the entire process keeping in view of the database integration approach.

**Advantages of Proposed System:**

* By developing this system we can provide better security to our data And reports will be gained accurately.
* Administrator is able to view create the faculty, students and he is also able to view the students and the faculty members also.
* It provides complete activity as automated system.
* It is not limited to a single system because it is aimed to develop for web based environment.
* The student information is available to the administrator and also to the faculty.

**Modules:**

After looking at the functional requirements it is identified that we can divide the system into mainly following modules:

* Admin Module
* Student Module
* Lecturer Module

**Administrators:**

It equipped features makes it possible to create faculty, students, view the students and view the faculties.

**Student Module:-**

This module maintains the information related to the Feedbacks and Self details.

**Faculty Module:**

This module maintains the information related to the search feedbacks by year-wise, branch-wise, and semester-wise.

**Users of the system:**

* Admin
* Student
* Faculity

**Environment:**

* **Servers:** Apache Tomcat
* **Operating System Server: -** Microsoft Windows XP
* **Data Base Server:** ORACLE 10G.
* **Clients:** Microsoft Internet Explorer (Client Browser)
* **Development Tools:** Net Beans 6.8.
* **Documentation Tools:** MS Office 2007/2010
* **Drawing Tools:** IBM Rational Rose Enterprise, MS Office Visio 2007
* **User Interface:** HTML,JAVASCRIPT
* **Code Behind:** JSE,JEE

**Requirements:**

**Hardware Requirements:**

|  |  |
| --- | --- |
| **Number** | **Description** |
| 1 | PC With Minimum 2.6 GB Hard-Disk And 1GB RAM |

**Software Requirements:**

|  |  |
| --- | --- |
| **Number** | **Description** |
| 1 | Windows NT/ XP |
| 2. | Oracle10g |
| 3. | Net Beans 6.8. |
| 4. | MS-Internet Explorer |

**Milestones:**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Milestone Name** | **Milestone Description** | **Remarks** |
| 1 | Requirements Specification | Complete specification of the system including defining hierarchies constitutes this milestone. A document detailing the same should be written and a presentation on that be made. | Attempt should be made to add some more relevant functionality other than those that are listed in this document. |
| 2 | Technology Familiarization | Understanding of the technology needed to implement the project. | The presentation should be from the point of view of being able to apply it to the project, rather than from a theoretical perspective. |
| 3 | Database Creation | A database of at least 10 entries of users with at least 1 should application admin. | It is important to finalize on the database at this stage itself so that development and testing can proceed with the actual database itself. |
| 4 | High-level and Detailed Design | Listing down all possible scenarios and then coming up with flow-charts or pseudo code to handle the scenario. | The scenarios should map to the requirement specification |
| 5 | Development of Front End Functionalities. | Implementation of the main screen giving the login, screen that follows the login giving various options, screens for each of the options | During this milestone period, it would be a good idea for the team to start working on a test-plan for the entire system. This test-plan can be updated as and when new scenarios come to mind. |
| 6 | Integrating the Front-end with the Database | The front-end developed in the earlier milestone will now be able to update the database. Other features should be functional at this stage. In short, the system should be ready for integration testing. |  |
| 7 | Integration Testing | The system should be thoroughly tested by running all the test cases written for the system (from milestone 5). | Another 2 weeks should be there to handle any issues found during testing of the system. After that, the final demo can be arranged. |
| 8 | Final Review | Issues found during the previous milestone are fixed and the system is ready for the final review. | During the final review of the project, it should be checked that all the requirements specified during milestone number 1 are fulfilled |

**The following steps will be helpful to start of the project:**

* Study and be comfortable with technologies such as: HTML, JAVASRIPT, JEE, JSE, CSS, JSP.
* Gather some knowledge of product hierarchies and maintenance before starting the design.
* Create a user database with different access levels.
* Start with creating the login screen.
* Create menus for navigation and group the functionalities as sub menus.
* Create the help-pages of the application in the form of FAQ. This will helps user.