

# **Software Requirements** **Document:**

## **Course Feedback System**

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# Course Feedback System

## System Requirements Document

### Revision History

Version	Date	Author(s)	Description
v1.0	01/11/15	Ashish Arya, Amanshu Raikwar, Purushottam	Initial version
v2.0	16/11/15	Ashish Arya, Amanshu Raikwar, Purushottam	Final version

## Table of Contents

1	Introduction	1
1.1	Need and Purpose	1
1.2	Intended Audience	1
1.3	References	1
2	Description	1
2.1	Features and Functions	1
	Features.....	1
	Functions.....	1
2.2	Users	2
2.3	Operating Environment	2
2.3.1	Hardware	2
2.3.2	Software	2

# **1 Introduction**

## **1.1 Need and Purpose**

With the increase in number of courses and students offered across the educational institutions all over the world, it is impractical for taking hard copy of feedback for every student in every course. If we take paper feedback we are wasting a lot of paper, time and money. So to digitalise this feedback process the online course feedback system is needed.

The course feedback system maintains all the data on a server safe from any damage. It is very easy to use and saves time of both teacher and student. Student can give feedback in a few minutes with the comfort of his/her hostel room.

The teacher can also look at the feedback statistics on his/her computer. Detailed graphs and charts are used for displaying the feedback statistics for a particular course.

## **1.2 Intended Audience**

This document is intended for software managers and designers, and also for admin of the course feedback and faculty.

## **1.3 References**

[1] [W3schools.com/html-section](http://W3schools.com/html-section)

[2] [W3schools.com/php-section](http://W3schools.com/php-section)

[3] [W3schools.com/ajax-section](http://W3schools.com/ajax-section)

[4] [W3schools.com/javascript-section](http://W3schools.com/javascript-section)

# **2 Description**

## **2.1 Features and Functions**

### **2.1.1 Features**

Course feedback system can be used by multiple users at the same time.

It has a very easy to use interface. Students, faculty and admin access the user interface by logging in with their username/roll no and password.

It has a well-designed GUI

The admin can populate database with just an excel file (.xls)

The admin can add/edit/delete feedback questions

The admin can view account details of students and faculty

The admin can create faculty accounts

The faculty can view the feedback results

The faculty can view graphical statistics of feedback

The faculty can also compare the feedback with past years

The student can submit feedback with few clicks

The student can sign up from login screen

Error handling is done on every page to ensure correctness of data

### **2.1.2 Functions**

Student, faculty and admin have to login with their username/roll no and password.

[1] Admin GUI: Handles populating the initial database using an excel(.xls) file. Admin will upload the excel file to sever through GUI and then that file will be used as a source for populating database. Admin can also alter, modify and delete the feedback questions. He can also view the account details of any faculty/student account.

[2] Faculty GUI: It displays the feedback result in graphical form and the faculty can view it by searching for any course or selecting it from a list.

[3] Student GUI: Here, students can select the course for which they've registered and not yet given the feedback and then continue to give the feedback.

## **2.2 Users**

1. Students
2. Faculty
3. Admin

## **2.3 Operating Environment**

### **2.3.1 Hardware**

An entry-level pc will be sufficient to for hosting a fairly medium-sized database of courses. For a large database, a server class machine is recommended.

### **2.3.2 Software**

The Course feedback server can run on any recent version of Linux, such as Ubuntu, Debian, Fedora Core, Redhat Enterprise, etc. It requires:

1. Apache 4.5 or later
2. PHP 5.6
3. MySQL 5.5

The Course feedback user-interface works with any of the following graphical browsers on any hardware and OS:

1. Firefox
2. Chrome
3. Safari
4. Opera

However, the Course feedback user-interface works best on Chrome browser.

All versions of these browsers, including the latest versions are likely to work as well.