Course Management System
Software Requirement Specification

Submitted by
Narasimha Rao K. (04305009)
Anil Kumar S. R. (04305028)
Sheetal Sonare (04305025)

Under the guidance of **Prof. G. Siva Kumar**

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1 Overview

This project is to help the course work being done by instructors and TAs for setting up a course Web site that displays announcements, on-line readings, a dynamic syllabus and schedule, on-line assignments and quizzes, news groups for students, and a grade book. This project also aims at doing automatic emailing of the grades to the registered students, group allocation for projects and incline discussion forum. Coursework is designed both for faculty with little Web experience, who can use Coursework to develop their Web site quickly.

1.1 Existing Features of the Project

- **Course Homepage**–Instructors can post a short description of their course, along with meeting places and times, sections,and instructors, on the Course Homepage. Faculty who have made their own Web pages describing their course can easily link those pages here. No special knowledge about computer languages or the Web is needed to create the Course Homepage.

- **Announcements**–Instructors and TA's can post announcements here. They can choose to show an announcement to just one section, to multiple sections, or to the full class. Instructors can also have an announcement emailed to students as well as posted on the course Web site.

- **Syllabus**–Using this tool, instructors can type or cut and paste their syllabus into a Web-based form to make it available to students. If the instructor chooses, s/he can load a Word file (actually any type of file) into the Syllabus Tool. The syllabus can be updated at any time. Students can view the syllabus in CourseWork or download and print any files listed.

- **Schedule**–Instructors can list the topics and readings for any lectures, labs, or discussion sessions on a schedule that is presented to students in a weekly format. The schedule has direct links to on-line resources. Students can print out full or weekly schedules.

- **Course Materials**–Students can follow links in this course bibliography to all the online materials in a course. Students can sort the listings by title, file formats, and content area. The listing of materials can be organized by content categories. Instructors can both upload files that are saved in CourseWork or list links to URLs anywhere on the Web.

- **Assignments**–Instructors can create problem sets, writing assignments using this tool. Students can submit their completed assignments directly over the Web. Multiple choice quizzes and surveys are automatically graded and other types of assignments are sorted and displayed to make grading easier. CourseWork manages the timing for distributing assignments and collecting student work. Feedback to students is also managed by the Assignments tool.

- **Grades**–This basic gradebook automatically displays scores for online assignments and calculates the students' final grades. Grades can be downloaded for analysis or for complex calculations with spreadsheet or statistics programs.

1.2 Features that we would like to add

- **Statistics**–Giving graphical statistics of the students performance.

- **Group Allocation**–For projects and assignments, the students are assigned a group automatically.

- **Online Discussions**–The students and the instructor or TA can discuss online any course related issue.

- **Analysis**–Graphical analysis, which gives the performance of previous students.

- **Online Tests**–Used for conducting quizzes online.

1.3 Scope

The scope of the project is to manage a particular course . It can be extended to any other course in the same department or in any other department. It is also possible to change the features from one course to other course.

1.4 SRS Team Members

- Narasimha Rao K. Roll No. 04305009

- Sheetal Sonare Roll No. 04305025

- Anil Kumar S.R. Roll No. 04305028

2 Goals

The main objective of the project is to provide an good Course Management System, which includes the following features.

- Course Home Page which describes the course details.
- Announcements
- Syllabus
- Schedule
- Course Materials
- Assignments
- Grading with automatic email to the registered students.
- Conducting Online quizzes.
- Giving graphical statistics of the students performance.

3 Conclusion

The project will be build by keeping into consideration that, it will be helpful to our department or any other department. We hope this course work will be helpful for the instructor, TA's and students in many aspects.