

Course Management System Java Project

Course Management System Software is an online management application, built as a software development project in Java programming language. Its main purpose are making efficient interaction between students and instructors in [college](#) during the period of submission of [assignments](#), projects, thesis, and for getting appropriate feedback from instructors.

One of the major goals of this software project is academic use; it can be used as a reference to your final year project as well as to learn about software development in Java. The source code of Course Management System is written in Java, and it can be downloaded from the links provided in this post.

Course Management System Project Abstract:

In order to form a clear sketch of this project, here's a brief introduction of the features and scope of Online Course Management System. This project consists of three modules which are inter-linked to each other. These modules are:

- Administrator Module
- Students Module
- Instructor Module

Each of the above modules has certain specific task to perform. Administrator module is for controlling administrative works such as creating account for students and instructors, formation of curriculum and coding the subjects etc. So, Administrator Module can be considered as skeleton module on which other modules rely on.

Student Module and Instructor Module have been designed for students and instructors to log in to the account created by administrator and share information. Students can register with application and submit their home work. Whereas, Instructors can check students' home works and assign grades for their work.

Scope:

The conventional method of submitting projects, assignments, thesis etc. is not so effective in the 21st century. In the existing system, student must visit college and fix the appointment with instructor. Only after getting the date and time, student is capable of meeting instructor within the limited time which may not sufficient to solve all the problems.

So, use of computer based system is obviously more effective and beneficial to both students and instructors. This Online Course Management System is developed with the aim of linking students and instructors regarding their course activities electronically via internet service.

Features:

The following features of this project have made it more user friendly, efficient and secured.

1. It enables the college or university to provide individual user account to each student.
2. All the user accounts (instructors and students) are password protected. So, the database can be termed as secured.
3. In Online Course Management System, only administrative section is allowed to create the account, but students and instructor can register with application.
4. After creating the account, the user can view his/her detail by using SQL query.

Screenshots:

Admin log in

Course Creation

Student Account Creation

UserName:
 Confirm UserName:
 Password:
 Confirm Password:
 First Name:
 Last Name:
 ID:

Instructor Account Creation

```

SQL> select * from instructoraccounts;
ID LASTNAME FIRSTNAME USERNAME
-----
2222 Davidson John coolguy
2345 Chandler Steve stevie
3333 Tester John TestIn
3844 Williams Tom BigTeach
apple
SQL> _

```

Instructor Account Database

Course Name:
 Course ID:
 Select Instructors:
 Select Students:

Create Course

Other output screens are available in the download link.

You can use this Course Management System Software as your semester project in Java as well as it can be used to learn software development using Java, or better as a reference to your final year project. This project is flexible enough to meet user requirements, so you can easily add new modules and features.