**Report**

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Document modification history:

22/02/2016 first version design

23/02/2016 second version started to implement

24/02/2016 third version started to test written parts and continued to

Implement

25/02/2016 forth version made some changes to the design and

Implementation

26/02/2016 final version testing, documenting

Requirements:

The system has users like administrators, teachers, tutors and students. Administrators manage the system by adding, removing users and courses. Teachers who manage courses can add and remove users, tutors and documents to a course. The document can be in different formats like books, files, slides, urls and whiteboard descriptions. Teachers can give assignments. Assignments can be in different formats like quiz, homework or group project. An important part of the assignment is that every assignment has a deadline and a late deadline. A teacher can manage multiple course in a course term. Teachers and tutors can view older courses but cannot make any changes. Tutors only can view their course materials and assignments. A tutor can be a student in a different course. Students can register into system and can upload assignments. She/he can view grades and lecture notes.

**Classes diagram:**

Interface

Users

Abstract class

URL

Slides

File

Books

Abstract class

**Documents**

Administrators

AbsUsers

students

Tutors

Teachers

CourseSystem