

USE CASE AND USE CASE DIAGRAM OF ONLINE JAVA COMPILER

Use case name: Guideline of the online Java compiler software

Actor: User (Student and Teacher), Admin

Scenario:

1. Student or teacher wishes to open an account to the website
2. Input Name, Id, gender, address, email id, password and all other information that is asked to the user.
3. After Registering all information user can login and view the dashboard where the user (Teacher or student) can add/remove courses and add/view assignment and also edit his profile.
4. The teacher can upload a task with a sample output and the student can solve the task using the online Java compiler and check it with the sample input. The teacher can review the students work.
5. The admin can be notified if there is any problem regarding data loss and compiler issue. Any misuse of the software will result in the ban of a user or temporarily suspending the account of the user.

Exception: Exceptions can only be made by the admin for the admin

Precondition: URL of the software must run accordingly from the browser

Post condition:

1. Unsuccessful registering: Invalid input of the information and password will result in errors.
2. Unsuccessful login: If given, invalid Password or email id will result in errors.

