## AuthinticationService

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|---|---|
| • Verify email and password are a valid match from the database.<br>• Verify entered email address is valid.<br>• Verify entered email isn't already used. | •<br>• AdminService<br>• AdminService |

## AdminService

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|---|---|
| • Adding users to the database.<br>• Updating user information like name, password, etc.<br>• Adding a course to the database.<br>• Adding a student to a course. | |

## PostService

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|---|---|
| • Retrieving posts in a particular course from the database.<br>• Adding a post to a course.<br>• Retrieving comments on a post from the database.<br>• Adding a comment to a post. | |

Abstract
## UserService
StudentService, TeacherService

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|---|---|
| • Retrieving a list of courses that a particular user is in.<br>• Retrieving all assignments in a course. | |

UserService
## StudentService

| |  |
|---|---|
| • Retrieving all delivered assignments of a particular student.<br>• Retrieving all delivered assignments for a student in a course.<br>• Submitting an assignment to the database. | |

UserService
## TeacherService

| |  |
|---|---|
| • Retrieving all students' submissions in each assignment in a course.<br>• Retrieving all students' submissions of an assignment.<br>• Adding an assignment to a course.<br>• Gradding a student's submission of an assignment. | |