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| --- |
| Teacher |
| -year: int  -course: Array<class> |
| -getYear:int  -setYear:int  -getCourse: Array<class>  -setCourse: Array<class> |

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| --- |
| User |
| -id:int  -firstName: String  -lastName: String  -email: String  -password: String  -phoneNumber:int  -birthday: Date |
| -getId(): int  -getFirstName():String  -setFirstName():String  -getLastName():String  -setLastName():String  -getEmail():String  -setEmail():String  -getPassword:String  -setPassword:String  -getPhoneNumber: int  -setPhoneNUmber:int  -getBirthday:Date  -setBirthday:Date |

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| --- |
| Student |
| -year: int  -courseList: Array<class>  -transcript: Array<class> |
| -getYear:int  -setYear:int  -getCourseList: Array<class>  -setCourseList: Array<class>  -getTranscript: Array<class>  -setTranscript: Array<class> |

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| --- |
| Class |
| -classId:int  +classList:Array<Student>  +teacherName:String<Teacher> |
| -getId:int  +getClassList:Array<Student>  +setClassList:Array<Student>  +getTeacherName:String<Teacher>  +setTeach Name:String<Teacher> |

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| --- |
| Assignments |
| -assignmentId:int  +assignmentName:String  +assignmentDue:Date |
| -getId:int  +getName: String  +setName:String  +getDueDate:Date  +setDueDate |

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| --- |
| Forum |
|  |
| getForum: Forum |

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| --- |
| Thread |
| -id:int  +title:String  +author:String<User>  +date:Date  +content:String |
| -getId:int  +getTitle:String  +setTitle:String  +getAuthoName:String<User>  +getDate:Date  +setDate:Date  +getContent:String  +setContent:String |

|  |
| --- |
| Course |
| +courseId:int  +title:String  +Section:String |
| +getCourseId:String  +setCourseId:String  +getTitle:String  +setTitle:String  +getSection:String  +setSection:String |

|  |
| --- |
| Post |
| -id:int  +replyName: String<User>  +date:Date  +content:String |
| -getId:int  +getReplyName: String<User>  +setReplyName: String<User>  +getDate:Date  +setDate:Date  +getContent:String  +setContent:String |