+-------------------+ +---------------+ +---------------+

| <<abstract>> | | | | |

| Student | | Course | | Instructor |

+-------------------+ +---------------+ +---------------+

| -studentId: int | | -courseId: int| | -instructorId: int|

| -firstName: String| | -courseName: String| | -firstName: String |

| -lastName: String | | | | -lastName: String |

| -dateOfBirth: Date| | | | -email: String |

| -email: String | | | +---------------+

| -phoneNumber: String| | |

| -coursesEnrolled: List<Course> |

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| +getStudentId(): int |

| +setStudentId(id: int): void |

| +getFirstName(): String |

| +setFirstName(firstName: String): void |

| +getLastName(): String |

| +setLastName(lastName: String): void |

| +getDateOfBirth(): Date |

| +setDateOfBirth(dateOfBirth: Date): void |

| +getEmail(): String |

| +setEmail(email: String): void |

| +getPhoneNumber(): String |

| +setPhoneNumber(phoneNumber: String): void |

| +getCoursesEnrolled(): List<Course> |

| +enrollInCourse(course: Course): void |

| +dropCourse(course: Course): void |

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