**UML Diagrams**

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| Class: CourseDBManager |
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| courseDBManager()  +add(String, int, int, String, String): void  +get(int): CourseDBElement  +readFile(File): void  +showAll(): ArrayList<String> |

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| Interface: CourseDBManager |
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| +add(String, int, int, String, String): void  +get(int): CourseDBElement  +readFile(File): void  +showAll(): ArrayList<String> |

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| Class: CourseDBStructure |
| Size: int  hashTable: LinkedList[]  sizeOfHash: int |
| CourseDBStructure(int)  CourseDBStructure(String, int)  +add(CourseDBStructure): void  +get(int): CourseDBElement  +getTableSize(): int |

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| Interface: CourseDBStructure |
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| +add(CourseDBStructure): void  +get(int): CourseDBElement  +getTableSize(): int |

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| Class: CourseDBElement |
| courseId: String  Crn: int  courseCredits: int  RoomNumber: String  instructorName: String |
| CourseDBElement()  CourseDBElement(String, int, int, String, String)  +setCRN(int): void  +compareTo(CourseDBElement): int  +hashCode(): int  +toString(): String |

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| Interface: Comparable |
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| +compareTo(CourseDBElement): int |