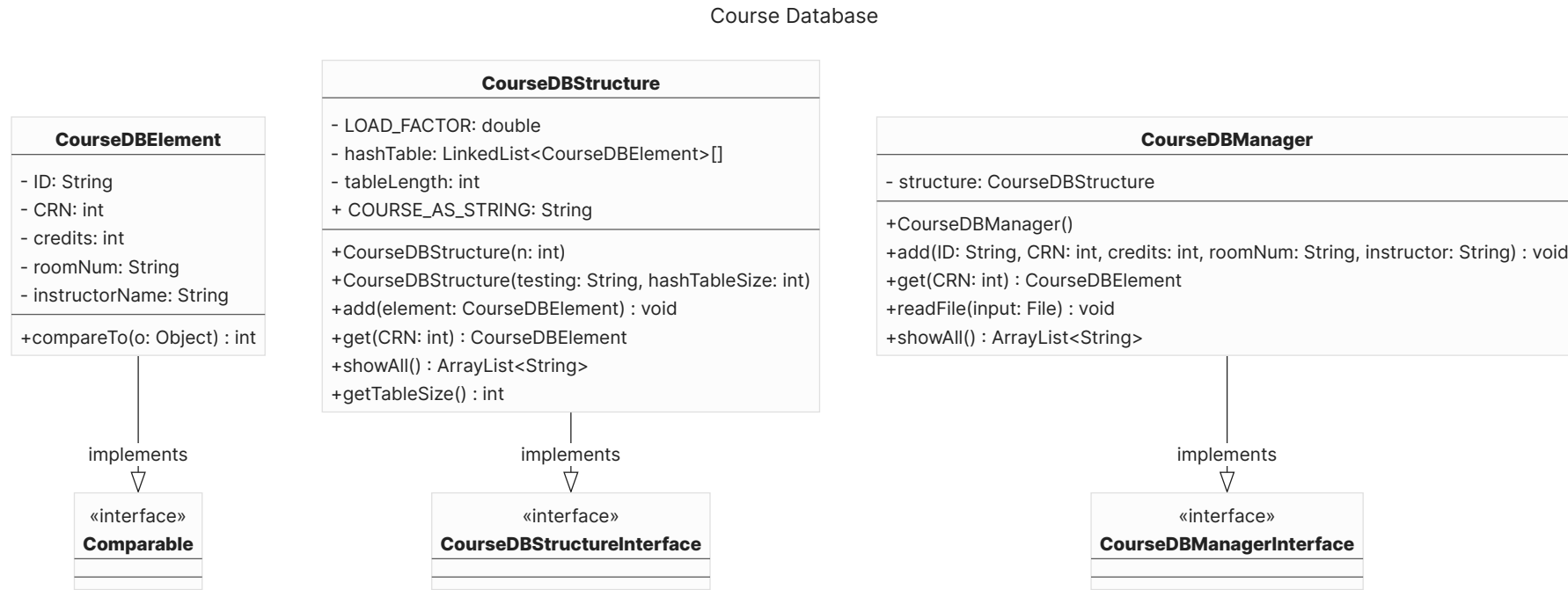


# Initial Assignment 4 Design

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- [CMSC204 GitHub Repository](#)

## UML diagram



## Pseudocode

- **CourseDBElement**
  - blueprint for a course with attributes for the course id, crn number, room number, and instructor name
  - getters and setters for each attribute
- **CourseDBStructure**
  - represents a hash table with buckets
  - each hash code is based on the crn since unique to every course
- **CourseDBManager**
  - data manager class that allows users to read courses from a text file
  - uses `CourseDBStructure` quite a bit
    - calls some of its methods
  - can be used to enter data manually