Project Part 1: Database Management Systems DB4503-01

ER-MODEL DIAGRAM

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Entity-Relationship Diagram

- **Room** entity with attributes: No of Seats, Building Name, Room No, Time
- **Taught** relationship connecting Room and Course
- **Course** entity with attributes: Cname, Cid, Cav, Section
- **Waiting List** entity with attributes: Course Name, Section, netid, Graduation Date
- **Checks** relationship connecting Course, Room, Waiting List, Undergraduate Director(User)
- **Add** relationship connecting Waiting List and students
- **Undergraduate Director(User)** entity
- **students** entity with attributes: credits, classification, name, netid, major
- **Enrolled_IN** relationship connecting Major and students
- **Major** entity with attribute: Major Name
- **Required** relationship
- **Computer Science** with attributes: Genereal, Core
- **Software Engineering** with attributes: General, Core
- **Cybersecurity** with attributes: General, Core
- **ISA** relationship
- **Curriculum** entity with attribute: crrid