A4 Business Rules

1. Each room may be equipped with zero or more media types and each media type may be used to equip zero or more rooms.
2. Each instructor may be trained in zero or more media types and the training of each media type may be possessed by zero or more instructors.
3. Each course may have zero or more prerequisites and each prerequisite may be the prerequisite of zero or more other courses.
4. Each course may have zero or more sections but each section belongs to one and only one course.
5. Each instructor may teach zero or more sections but each section is taught by one and only one instructor.
6. Each instructor may have preference for zero or more time slots and each time slot may be preferred by zero or more instructors.
7. Each room may be a lap or a classroom but a lab or a classroom is always classified as a room.
8. Each lab may be equipped with zero or more types of computers and each type of computer may be found in zero or more labs.
9. Each schedule always refers to when (time slot) and where (classroom) a section is taught in specific semester and year. A section may be in zero or more different schedules. A time slot may appear in zero or more different schedules. Finally a room may appear in zero or more different schedules.