# Relational Model

**Class**

| PK | class_id |
|----|----------|
| | Year |
| | Division |

**Class_Course**

| PK,FK | class_id |
|-------|----------|
| PK,FK | course_code |

**Course**

| PK | course_code |
|----|-------------|
| | course_name |
| | min_hours_week |
| | duration_session |

**course_teacher**

| PK,FK | course_code |
|-------|-------------|
| PK,FK | teacher_id |
| | preference |

**course_rooms**

| PK,FK | course_code |
|-------|-------------|
| PK,FK | room_id |

**Room**

| PK | room_id |
|----|---------|
| | room_name |

**Teacher**

| PK | teacher_id |
|----|------------|
| | teacher_firstname |
| | teacher_lastname |

**time_info**

| | college_start_time |
|---|--------------------|
| | college_end_time |
| | break_start_time |
| | break_end_time |

**Time Table**

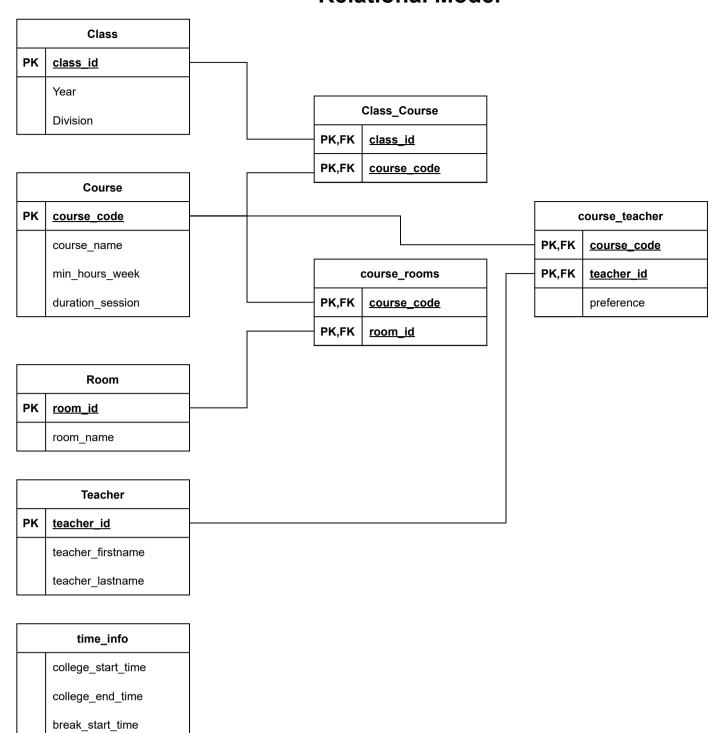| FK | Class_id |
|----|----------|
| FK | Course_id |
| FK | Teacher_id |
| FK | Room_id |
| FK | time_id |

(Assume Connection from other Entities)