**School Administrator:**

***Student Academic Performance:***

1. Query to fetch the average student grade in each course for each grade type

It will fetch the average student grade in each course for specific grade type like Final exam, First semester etc.

1. Query to fetch the average student grade in each subject

It will fetch the average student grade for each subject.

1. Query to fetch Top N students under specific facility

This will fetch the top N students under each facility like Middle School, High School etc.

1. Query to fetch Top N students for specific grade(1st,2nd class) for particular facility
2. Query to rank the staff under each facility for each course

***Student Absences:***

1. Query to fetch the target student attendance percentage for each facility
2. Query to fetch the absence counts for each facility in each year
3. Query to fetch the number of students absent on a particular date for each facility

***Student Misbehavior and Discipline:***

1. Query to fetch the misbehavior counts for each facility
2. Query to fetch the misbehavior counts for each facility under event code (misbehavior type)
3. Query to fetch the number of students misbehaved date-wise (Event date)
4. Query to fetch the number of students on whom action taken date-wise(Action date)
5. Query to fetch students who haven’t misbehaved

***Special Needs Program:***

1. Query to fetch the number of students under each special program

***Overall:***

1. Query to fetch the staff working for a particular facility
2. Query to fetch number of student enrollments on a particular date
3. Query to fetch target enrollment count for each facility
4. Query to fetch number of students in each course (to find popular course)
5. Query to rank the student enrollment count each year
6. Query to fetch the staff under each facility
7. Query to fetch the courses under each specific staff
8. Query to fetch average student performance for each course for each staff

**Teacher:**

***Student Academic Performance:***

1. Query to fetch the number of students getting highest grade for each grade type for each course

This query will fetch the number of students scoring highest grade at each grade type (like Final exam, 1st semester etc.) for each course.

1. Rank the students based on their course grade in each course in each grade type
2. Query to fetch the average student performance in each course he is teaching
3. Query to fetch the count of each grade for each course he is teaching for specific grade type
4. Query to fetch the Top 10 students based on their grade for specific grade type for a specific course
5. Query to fetch the Bottom 10 students based on their grade for specific grade type for a specific course

***Student Absences:***

1. Query to fetch the number of students absent on a particular date for his course
2. Query to fetch the number of students absent from a period interval for each absent Code ID (absence type)
3. Query to fetch the students absent for unexcused reasons under a particular staff

***Student Misbehavior and Discipline:***

1. Query to fetch the number of students reported by a particular staff in each course he is teaching
2. Query to fetch the number of students on whom action taken under each action code (action type)
3. Query to fetch details of students misbehaving in a particular discipline event (cheating on test) in all courses under the particular staff ( X is teaching Sub A and Sub B and he wants to know the students who cheated)

**Parent:**

***Student Academic Performance:***

1. Query to fetch the course grade of a specific student for each course at a specific grade type
2. Query to fetch the staff details for each course of a specific student
3. Query to fetch the student performance of a particular student in various years
4. Query to fetch the courses in which a student scored well
5. Query to fetch the courses in which a student scored less(failed)

***Student Absences:***

1. Query to fetch the absence date of a specific student
2. Query to fetch the absence types (categories) of a specific student
3. Query to fetch the absent counts (number of absent days) of a specific student

***Student Misbehavior and Discipline:***

1. Query to fetch the misbehavior details of a specific student

***Special Needs Program:***

1. Query to fetch the special program details of a specific student enrolled to

***Overall:***

1. Query to fetch the courses and respective professors