Exercise 1

1. **School/University**
2. **Department**
3. **Course**
4. **Student**
5. **Faculty**
6. **Parent Information**
7. **Academic Session**
8. **Exam**
9. **Attendance**
10. **Faculty Log**

Entity Definitions:

1. **School/University:**
   - Represents the institution that encompasses multiple departments.
2. **Department:**
   - Represents the various academic departments within the school/university.
3. **Course:**
   - Represents the courses offered by different departments.
4. **Student:**
   - Represents the students enrolled in the school/university.
5. **Faculty:**
   - Represents the faculty members who teach the courses.
6. **Parent Information:**
   - Represents the parent or guardian details of the students.
7. **Academic Session:**
   - Represents the time frame during which courses are conducted and exams are taken.
8. **Exam:**
   - Represents the exams conducted for the students in a given academic session.
9. **Attendance:**
   - Represents the attendance details of students maintained by the department.
10. **Faculty Log:**
    - Represents the login and logout details of faculty members.

Exercise 2

1. School/University

- `School_ID` (Primary Key)
- `Name`
- `Address`
- `Phone_Number`
- `Website_URL`

2. Department

- `Department_ID` (Primary Key)
- `Name`
- `School_ID` (Foreign Key linking to School/University)
- `Head_Of_Department`

3. Course

- `Course_ID` (Primary Key)
- `Title`
- `Credits`
- `Department_ID` (Foreign Key linking to Department)
- `Faculty_ID` (Foreign Key linking to Faculty)

4. Student

- `Student_ID` (Primary Key)
- `First_Name`
- `Last_Name`
- `DOB` (Date of Birth)
- `Gender`
- `Address`
- `Phone_Number`
- `Email_ID`
- `Department_ID` (Foreign Key linking to Department)

5. Faculty

- `Faculty_ID` (Primary Key)
- `First_Name`
- `Last_Name`
- `Designation`
- `Department_ID` (Foreign Key linking to Department)
- `Email_ID`

- Phone_Number

6. Parent Information

- Parent_ID (Primary Key)
- Student_ID (Foreign Key linking to Student)
- Father_Name
- Mother_Name
- Guardian_Name
- Address
- Phone_Number
- Email_ID

7. Academic Session

- Session_ID (Primary Key)
- Start_Date
- End_Date

8. Exam

- Exam_ID (Primary Key)
- Course_ID (Foreign Key linking to Course)
- Session_ID (Foreign Key linking to Academic Session)
- Date —
- Result —

9. Attendance

- Attendance_ID (Primary Key)
- Student_ID (Foreign Key linking to Student)
- Course_ID (Foreign Key linking to Course)
- Session_ID (Foreign Key linking to Academic Session)
- Present_Days
- Total_Days

10. Faculty Log

- Log_ID (Primary Key)
- Faculty_ID (Foreign Key linking to Faculty)
- Login_Time
- Logout_Time

- Date