In this section we describe a sample database SMS. We list the data requirements for the database here, and then create its conceptual schema step by step. The SMS database keeps track of students.

The database designer provides the following description of the SMS that will be represented in the database:

1. In SMS students having unique ID, unique name, bay-form , guardian details, and it connects fee structure and grading scheme
2. Teachers are the main part of SMS. Teachers teaches and conduct exams whose record are kept in database.
3. According to record and grading scheme students are promoted in next classes