Names: Ishimwe Thierry

Student I.D: 23756

WEB-TECHNOLOGY FINAL PROJECT

This schema includes the following tables:

Students: Stores information about students, including their unique student\_id, first\_name, and last\_name.

ConductIncidents: Records conduct incidents with details such as the incident\_id, student\_id, incident\_date, and conduct\_category.

ConductDetails: Contains additional details for each conduct incident, including the detail\_id, corresponding incident\_id, and a description.

Parents: Stores parent information, including the parent\_id, first\_name, and last\_name.

ParentStudents: Establishes a relationship between parents and students by linking parent\_id with student\_id.

Messages: Tracks messages sent to parents, with a unique message\_id, parent\_id, student\_id, and message\_date for each message.

Note that this is a simplified representation, and additional fields and tables may be required based on the specific needs and requirements of your project.

**[ PART 4]**

**Table: Students**

**+-------------+--------------+-----------+**

**| student\_id | first\_name | last\_name |**

**+-------------+--------------+-----------+**

**| 1 | John | Smith |**

**| 2 | Emily | Johnson |**

**| ... | ... | ... |**

**+-------------+--------------+-----------+**

**Table: ConductIncidents**

**+------------------+---------------------+-----------------+------------------+**

**| incident\_id | student\_id | incident\_date | conduct\_category |**

**+------------------+---------------------+-----------------+------------------+**

**| 1 | 1 | 2023-01-10 | Violation |**

**| 2 | 2 | 2023-02-15 | Misbehavior |**

**| ... | ... | ... | ... |**

**+------------------+---------------------+-----------------+------------------+**

**Table: ConductDetails**

**+------------------+-----------------+-----------------+**

**| detail\_id | incident\_id | description |**

**+------------------+-----------------+-----------------+**

**| 1 | 1 | Late to class |**

**| 2 | 1 | Disruptive |**

**| ... | ... | ... |**

**+------------------+-----------------+-----------------+**

**Table: Parents**

**+-------------+--------------+-----------------+**

**| parent\_id | first\_name | last\_name |**

**+-------------+--------------+-----------------+**

**| 1 | Michael | Smith |**

**| 2 | Sarah | Johnson |**

**| ... | ... | ... |**

**+-------------+--------------+-----------------+**

**Table: ParentStudents**

**+-------------+-----------+**

**| parent\_id | student\_id |**

**+-------------+-----------+**

**| 1 | 1 |**

**| 2 | 2 |**

**| ... | ... |**

**+-------------+-----------+**

**Table: Messages**

**+-------------+--------------+---------------------+------------------------+**

**| message\_id | parent\_id | student\_id | message\_date |**

**+-------------+--------------+---------------------+------------------------+**

**| 1 | 1 | 1 | 2023-01-12 10:15:00 |**

**| 2 | 2 | 2 | 2023-02-18 14:30:00 |**

**| ... | ... | ... | ... |**

**+-------------+--------------+---------------------+------------------------+**

**Table: Students**

**+-------------+--------------+-----------+**

**| student\_id | first\_name | last\_name |**

**+-------------+--------------+-----------+**

**| 1 | John | Smith |**

**| 2 | Emily | Johnson |**

**| ... | ... | ... |**

**+-------------+--------------+-----------+**

**Table: ConductIncidents**

**+------------------+---------------------+-----------------+------------------+**

**| incident\_id | student\_id | incident\_date | conduct\_category |**

**+------------------+---------------------+-----------------+------------------+**

**| 1 | 1 | 2023-01-10 | Violation |**

**| 2 | 2 | 2023-02-15 | Misbehavior |**

**| ... | ... | ... | ... |**

**+------------------+---------------------+-----------------+------------------+**

**Table: ConductDetails**

**+------------------+-----------------+-----------------+**

**| detail\_id | incident\_id | description |**

**+------------------+-----------------+-----------------+**

**| 1 | 1 | Late to class |**

**| 2 | 1 | Disruptive |**

**| ... | ... | ... |**

**+------------------+-----------------+-----------------+**

**Table: Parents**

**+-------------+--------------+-----------------+**

**| parent\_id | first\_name | last\_name |**

**+-------------+--------------+-----------------+**

**| 1 | Michael | Smith |**

**| 2 | Sarah | Johnson |**

**| ... | ... | ... |**

**+-------------+--------------+-----------------+**

**Table: ParentStudents**

**+-------------+-----------+**

**| parent\_id | student\_id |**

**+-------------+-----------+**

**| 1 | 1 |**

**| 2 | 2 |**

**| ... | ... |**

**+-------------+-----------+**

**Table: Messages**

**+-------------+--------------+---------------------+------------------------+**

**| message\_id | parent\_id | student\_id | message\_date |**

**+-------------+--------------+---------------------+------------------------+**

**| 1 | 1 | 1 | 2023-01-12 10:15:00 |**

**| 2 | 2 | 2 | 2023-02-18 14:30:00 |**

**| ... | ... | ... | ... |**

**+-------------+--------------+---------------------+------------------------+**