**Database Creation and Selection:**

The initial phase of the database setup involves creating a new database named "Farewell\_Party" and switching to this database for subsequent operations. This ensures that all tables and data related to the Farewell Party event are contained within a dedicated database environment.

**Student Table:**

Student\_ID (Primary Key): Unique identifier for each student.

Student\_Name: Name of the student.

PhoneNo: Contact phone number of the student.

Address: Address of the student.

Family\_Attending: Number of family members attending the event with the student.

Email: Email address of the student (unique).

Dietary\_Preferences: Dietary preferences or restrictions of the student.

Password: Password for student login authentication.

Teacher Table:

Teacher\_ID (Primary Key): Unique identifier for each teacher.

Teacher\_Name: Name of the teacher.

NoOfAttendingFamily: Number of family members attending the event with the teacher.

PhoneNo: Contact phone number of the teacher.

Password: Password for teacher login authentication.

Menu Table:

Menu\_ID (Primary Key): Unique identifier for each menu item.

Menu\_Name: Name of the menu item.

Description: Description of the menu item.

Votes: Number of votes received for the menu item.

Task Table:

Task\_ID (Primary Key): Unique identifier for each task.

Assigned\_To: Name or identifier of the person to whom the task is assigned.

Description: Description of the task.

Status: Status of the task (e.g., In Progress, Pending, Completed).

Organizer Table:

Organizer\_ID (Primary Key): Unique identifier for each organizer.

Organizer\_Name: Name of the organizer.

Status: Status of the organizer (e.g., Active, In Progress, Completed).

Progress\_Tracking: Tracking information or progress updates related to the organizer's tasks.

Budget\_Item Table:

Item\_ID (Primary Key): Unique identifier for each budget item.

Decoration: Description of the decoration item.

Venue: Venue where the budget item will be used.

Quantity: Quantity of the budget item.

Price: Price of the budget item.

Attendance\_Student Table:

Ticket\_ID: Identifier for the attendance ticket.

Student\_ID (Foreign Key): Identifier of the student attending.

Status: Attendance status of the student (e.g., Present, Absent).

Attendance\_Teacher Table:

Ticket\_ID: Identifier for the attendance ticket.

Teacher\_ID (Foreign Key): Identifier of the teacher attending.

Status: Attendance status of the teacher (e.g., Present, Absent).

Performance Table:

Proposal\_ID (Primary Key): Unique identifier for each performance proposal.

Student\_ID (Foreign Key): Identifier of the student performing.

Performance\_Type: Type or category of the performance.

Votes: Number of votes received for the performance.

Duration: Duration of the performance.

Special\_request Table:

Proposal\_ID (Primary Key): Unique identifier for each special request proposal.

Special\_Request: Description of the special request.

Task\_Assigned Table:

Task\_ID (Primary Key): Unique identifier for each task assignment.

Organizer\_ID (Foreign Key): Identifier of the organizer assigning the task.

Task\_Assigned: Description of the task assigned.

Student\_Task Table:

Student\_ID (Primary Key, Foreign Key): Identifier of the student involved in the task.

Task\_ID (Primary Key, Foreign Key): Identifier of the task assigned to the student.

Task\_Organizer Table:

Organizer\_ID (Primary Key, Foreign Key): Identifier of the organizer assigning the task.

Task\_ID (Primary Key, Foreign Key): Identifier of the task assigned to the organizer.

Student\_Organizer Table:

Student\_ID (Primary Key, Foreign Key): Identifier of the student involved with the organizer.

Organizer\_ID (Primary Key, Foreign Key): Identifier of the organizer related to the student.

Organizer\_Budget Table:

Organizer\_ID (Primary Key, Foreign Key): Identifier of the organizer managing the budget.

Item\_ID (Primary Key, Foreign Key): Identifier of the budget item allocated to the organizer.

Student\_Menu Table:

Student\_ID (Primary Key, Foreign Key): Identifier of the student selecting the menu item.

Menu\_ID (Primary Key, Foreign Key): Identifier of the menu item selected by the student.

These tables collectively store information about students, teachers, event tasks, organizers, budget items, performances, attendance, menu items, and special requests, facilitating efficient management of the Farewell Party event.