**Introduction**

The database model provided above is designed for a fictional educational platform called "**Guvi Zen Class**." This database model serves as the foundation for storing and managing various aspects of the platform, including user profiles, classes, assignments, queries, portfolio submissions, applications, and other features. Each entity in the model is described with its associated attributes and relationships, allowing the platform to efficiently organize and retrieve information related to classes and their associated activities, user interactions, and more.

Entities:

1. User:
   * UserID (Primary Key)
   * Username
   * Password
   * Email
   * First Name
   * Last Name
   * Profile Image
   * Role (e.g., student, teacher, admin)
2. Class:
   * ClassID (Primary Key)
   * Class Name
   * Description
   * JoinClassURL
   * RecordingURL
   * SessionsRoadmap
   * Activities (you can have a separate table for activities)
   * Start
   * End
   * TeacherID (Foreign Key referencing User)
3. Task:
   * TaskID (Primary Key)
   * ClassID (Foreign Key referencing Class)
   * Title
   * Description
   * Due Date
   * Status (e.g., not started, in progress, completed)
4. Query:
   * QueryID (Primary Key)
   * UserID (Foreign Key referencing User)
   * ClassID (Foreign Key referencing Class)
   * Query Text
   * Date/Time
5. PortfolioSubmission:
   * SubmissionID (Primary Key)
   * UserID (Foreign Key referencing User)
   * ClassID (Foreign Key referencing Class)
   * Title
   * Description
   * Submission Date
   * File/Attachment
6. Application:
   * ApplicationID (Primary Key)
   * UserID (Foreign Key referencing User)
   * ClassID (Foreign Key referencing Class)
   * Application Date
   * Status (e.g., pending, accepted, rejected)
7. InterviewTask:
   * InterviewTaskID (Primary Key)
   * ClassID (Foreign Key referencing Class)
   * Title
   * Description
   * Due Date
   * Status
8. LeaveApplication:
   * LeaveApplicationID (Primary Key)
   * UserID (Foreign Key referencing User)
   * ClassID (Foreign Key referencing Class)
   * Leave Type
   * Start Date
   * End Date
   * Status
9. MockInterview:
   * MockInterviewID (Primary Key)
   * ClassID (Foreign Key referencing Class)
   * Title
   * Description
   * Date and Time
   * Status (e.g., scheduled, completed)
10. Certificate:
    * CertificateID (Primary Key)
    * UserID (Foreign Key referencing User)
    * ClassID (Foreign Key referencing Class)
    * Certificate Name
    * Issue Date
11. Testimonial:
    * TestimonialID (Primary Key)
    * UserID (Foreign Key referencing User)
    * ClassID (Foreign Key referencing Class)
    * Text
    * Date
12. Leaderboard:
    * LeaderboardID (Primary Key)
    * ClassID (Foreign Key referencing Class)
    * UserID (Foreign Key referencing User)
    * Score
13. Syllabus:
    * SyllabusID (Primary Key)
    * ClassID (Foreign Key referencing Class)
    * Module Name
    * Description
14. PlacementBoard:
    * PlacementBoardID (Primary Key)
    * ClassID (Foreign Key referencing Class)
    * Company Name
    * Job Title
    * Job Description
    * Application Deadline
15. ChatSession:
    * ChatSessionID (Primary Key)
    * UserID (Foreign Key referencing User)
    * Message
    * Timestamp