

1. **CreateCourseCompletionStatusPerUserView:**

- This view handles the creation of completion statuses for users enrolled in courses. It takes lists of **course_id** and **user_id** as input and creates records in the **CourseCompletionStatusPerUser** model.

2. **UpdateCompleteQuizCountView:**

- This view updates the completed quiz count for a given user and course. It checks for completed quizzes in the **QuizAttemptHistory** table and increments the **completed_quiz_count** in the **QuizScore** model accordingly.

3. **CreateQuizScoreView:**

- This view creates quiz score records for users enrolled in courses. It calculates the total number of quizzes per course and creates records in the **QuizScore** model for each combination of **course_id** and **user_id**.

4. **UpdateTotalScorePerCourseView:**

- This view updates the total score per course for a given user. It calculates the total score based on the latest quiz attempts and updates the **total_score_per_course** field in the **QuizScore** model.

5. **UpdateCourseCompletionStatusPerUserView:**

- This view updates the course completion status for a given user. It checks if the user has completed all quizzes for a course and updates the **completion_status** and **in_progress_status** fields in the **CourseCompletionStatusPerUser** model accordingly.

6. **DisplayClientCourseProgressView:**

- This view displays the progress of users enrolled in courses. It provides information about completed quiz count, total quizzes per course, progress percentage, and completion status.

7. **CountCoursesStatusView:**

- This view counts the number of active enrollments and course completion statuses for a given user.