Quiz Time Game Use Case Document

Introduction: This Use Case has been developed for the Quiz Time Game's database management system. By understanding and following this document, scores can be easily stored and retrieved in the application. It will help manage a user's experience when playing the quiz and comparing their scores with other's who use the app, as well as the database contents in the MySQL database. It will also detail how the application will perform database functions and keep the information organized and clean.

Name of Use Case: Quiz Time Application			
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Description:	Application user finishes the quiz game and the score is sent to the database on the server. The server displays the score on the main menu.		
Actors:	User, Administrator, Server Database		
Preconditions:	1. User has finished the quiz with a valid score 2. The quiz was not quit before receiving a final score 3. Name option has valid input		
Postconditions:	1. Score is higher than the ones listed 2. Database places the score in order of number of points 3. Main Menu score listing is updated to present new entry		
Flow:	1. Application identifies the end of the Quiz 2. Score is confirmed 3. Score is processed and added to top of the database 4. Number of scores listed greater than 10 are removed 5. User returns to main menu 6. High Score menu displays updated score		
Alternative Flows:	4. In step 4 of normal flow, if score is less than the currently displayed scores the score will be removed from the database 5. In step 5, if user retakes the quiz then they can add more than one score to the high score page		

Exceptions:	1. In step 1 of normal flow, is User is to quit the application prior to finishing the quiz
	    1. The application process stops and flow ends, leading to no changes to the database
	6. If no high score is achieved prior to displaying the main menu
	    1. An alternative flow would have been taken prior and the main menu score listing will remain unchanged		

Requirements:	1. The quiz must be completed and the last question answered 2. There must be no tampering with the app or its database contents 3. A high score must be achieved with a name attached		