

Diagram Description

1. User action
 - a. The user performs an action that results in a score update
2. Front-End Application
 - a. The front-end sends a request to the backend API to update the score
3. API Gateway
 - a. Receives the request and forwards to the Score Management
 - b. Check authorization (JWT Token)
4. Autentication Module: Verify JWT Token
5. Score update handler:
 - a. Retrieves the current score from user to database
 - b. Updates score
 - c. Update leaderboard
6. Database
 - a. Store user scores
 - b. Keep track of the top 10
7. Response to Front End
 - a. Return the score to the front-end

