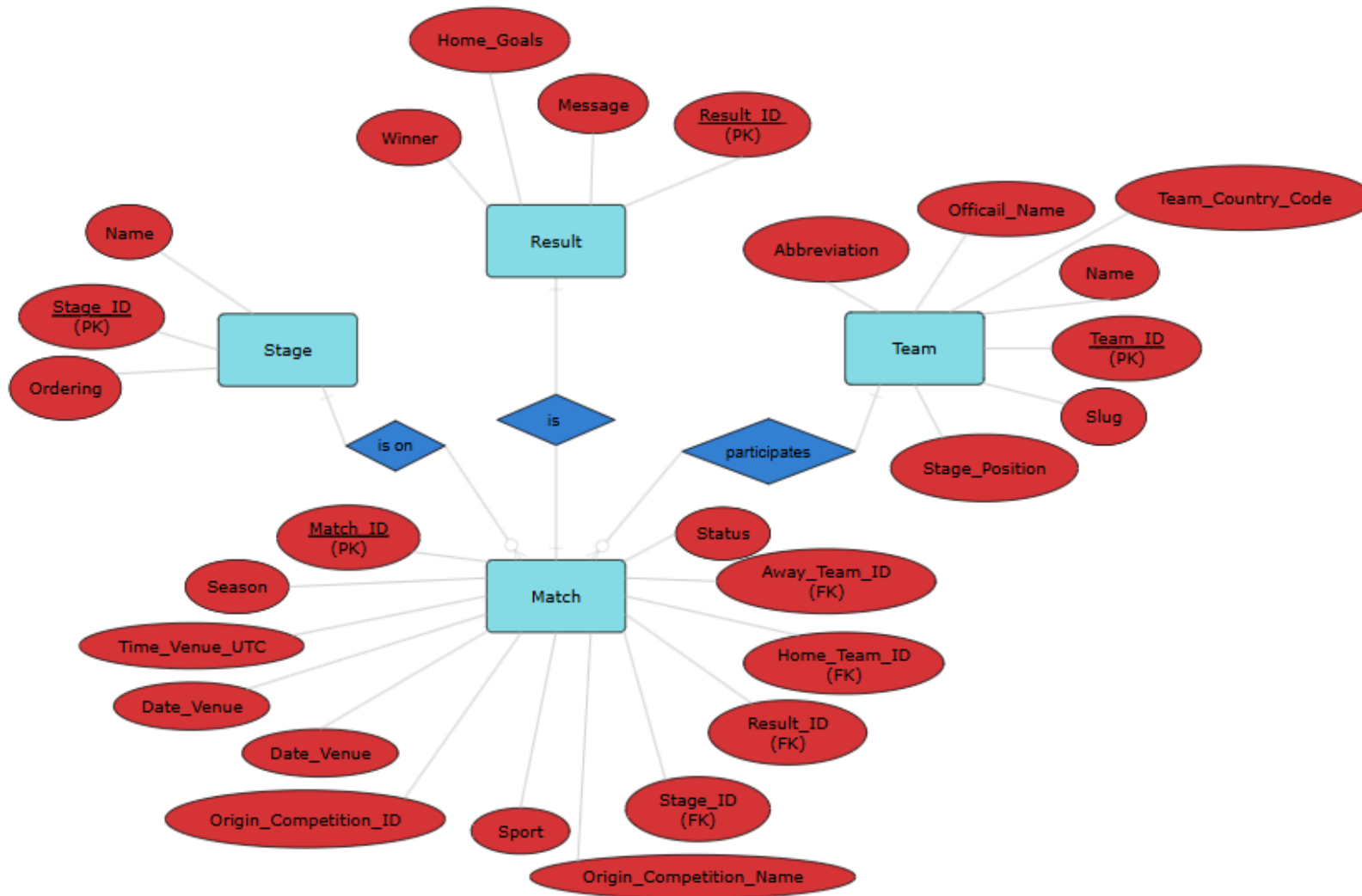# Task 1

The tables were created based on the provided JSON file to ensure the database structure matches the data format, capturing teams, match results, stages, and match details efficiently.

## ERD(Entity-Relationship Diagram):

## Tables:

**Team Table**

| Team_ID (PK) | Name | Official_Name | Slug | Abbreviation | Team_Country_Code | Stage_Position |
|---|---|---|---|---|---|---|
| 1 | Al Shabab | Al Shabab FC | al-shabab-fc | SHA | KSA | NULL |
| 2 | Nasaf | FC Nasaf | fc-nasaf-qarshi | NAS | UZB | NULL |
| 3 | Al Hilal | Al Hilal Saudi FC | al-hilal-saudi-fc | HIL | KSA | NULL |
| 4 | Shabab Al Ahli | SHABAB AL AHLI DUBAI | shabab-al-ahli-club | SAH | UAE | NULL |
| 5 | Al Duhail | AL DUHAIL SC | al-duhail-sc | DUH | QAT | NULL |
| 6 | Al Rayyan | AL RAYYAN SC | al-rayyan-sc | RYN | QAT | NULL |
| 7 | Al Faisaly | Al Faisaly FC | al-faisaly-fc | FAI | KSA | NULL |
| 8 | Foolad | FOOLAD KHOUZESTAN FC | foolad-khuzestan-fc | FLD | IRN | NULL |
| 9 | Urawa Reds | Urawa Red Diamonds | urawa-red-diamonds | RED | JPN | NULL |

**Result Table**

| Result_ID (PK) | Home_Goals | Away_Goals | Winner | Message |
|---|---|---|---|---|
| 1 | 1 | 2 | Nasaf | NULL |
| 2 | 0 | 0 | NULL | NULL |
| 3 | 0 | 0 | NULL | NULL |
| 4 | 0 | 0 | NULL | NULL |
| 5 | NULL | NULL | NULL | NULL |

**Stage Table**

| Stage_ID (PK) | Name | Ordering |
|---|---|---|
| ROUND OF 16 | ROUND OF 16 | 4 |
| FINAL | FINAL | 7 |

**Match Table**

| Match_ID (PK) | Season | Status | Time_Venue_UTC | Date_Venue | Stadium | Home_Team_ID (FK) | Away_Team_ID (FK) | Result_ID (FK) | Stage_ID (FK) | Origin_Competition_ID | Origin_Competition_Name | Sport |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2025 | played | 00:00:00 | 2024-11-03 | NULL | 1 | 2 | 1 | ROUND OF 16 | afc-champions-league | AFC Champions League | football |
| 2 | 2025 | scheduled | 16:00:00 | 2024-11-03 | NULL | 3 | 4 | 2 | ROUND OF 16 | afc-champions-league | AFC Champions League | football |
| 3 | 2025 | scheduled | 15:25:00 | 2024-11-04 | NULL | 5 | 6 | 3 | ROUND OF 16 | afc-champions-league | AFC Champions League | football |
| 4 | 2025 | scheduled | 08:00:00 | 2024-11-04 | NULL | 7 | 8 | 4 | ROUND OF 16 | afc-champions-league | AFC Champions League | football |
| 5 | 2025 | scheduled | 00:00:00 | 2024-11-19 | NULL | NULL | 9 | 5 | FINAL | afc-champions-league | AFC Champions League | football |