Athlete Arena Database Design

1. Users Table

Column Name	Data Type	Constraints
user_id	INT	PRIMARY KEY, AUTO_INCREMENT
username	VARCHAR (50)	NOT NULL
password	VARCHAR (255)	NOT NULL
role	ENUM	NOT NULL
email	VARCHAR(100)	UNIQUE, NOT NULL
first_name	VARCHAR(50)	NOT NULL
last_name	VARCHAR(50)	NOT NULL

2. Teams Table

Column Name	Data Type	Constraints
team_id	INT	PRIMARY KEY, AUTO_INCREMENT
team_name	VARCHAR(100)	NOT NULL
coach_id	INT	FOREIGN KEY (References Users)

3. Players Table

Column Name	Data Type	Constraints
player_id	INT	PRIMARY KEY, AUTO_INCREMENT
team_id	INT	FOREIGN KEY (References Teams)
user_id	INT	FOREIGN KEY (References Users)
position	VARCHAR(50)	NULL

4. Schedules Table

Column Name	Data Type	Constraints
schedule_id	INT	PRIMARY KEY, AUTO_INCREMENT
team_id	INT	FOREIGN KEY (References Teams)
event_type	ENUM	('Practice', 'Game', 'Event'), NOT NULL
event_date	DATE	NOT NULL
event_time	TIME	NULL
description	TEXT	NULL

5. Workouts Table

Column Name	Data Type	Constraints
workout_id	INT	PRIMARY KEY, AUTO_INCREMENT
player_id	INT	FOREIGN KEY (References Players)
workout_date	DATE	NOT NULL
workout_details	TEXT	NULL

6. Health Records Table

Column Name	Data Type	Constraints
record_id	INT	PRIMARY KEY, AUTO_INCREMENT
player_id	INT	FOREIGN KEY (References Players)
record_date	DATE	NOT NULL
health_details	TEXT	NULL

7. Performance Metrics Table

Column Name	Data Type	Constraints
metric_id	INT	PRIMARY KEY, AUTO_INCREMENT
player_id	INT	FOREIGN KEY (References Players)
metric_date	DATE	NOT NULL
metric_name	VARCHAR(100)	NOT NULL
metric_value	FLOAT	NOT NULL