Database Entity-Relationship Diagram (ERD)

Fields to be used :

Player

PlayerID (PK)
Username
Score
Status

Game

GameID (PK)
CurrentMap
GameMode

Map

MapID (PK)
Name
Size

Leaderboard

PlayerID (FK)
Score
Rank

Resources:
ResourceID
Name

Obstacles:
ObstacleId
Name
Size

Relationships:

A Game can have multiple Players and levels.
A Map can contain multiple Resources and Obstacles.
Players are listed in the Leaderboard.

Diagram:

Levels	
LevelId	PK
Name	

Game	
GameId	PK
CurrentMap	
GameMode	

Player	
Player ID	PK
Username	
Score	
Status	

Map	
MapID	PK
Name	
Size	

Obstacle	
ObstacleId	PK
Name	
Size	
MapId	

Leaderboard	
PlayerID	PK
Score	
Rank	
Relationships	

Resources	
ResourceId	PK
Name	
MapId	