

Database Entity-Relationship Diagram (ERD)

Fields to be used :

Player

PlayerID (PK)
Username
Score
Status

Enemy:

EnemyId(PK)
BehaviorType
Stationary

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&Enemies and levels.

A Map can contain multiple Resources and Obstacles.

Players are listed in the Leaderboard.

Diagram:

