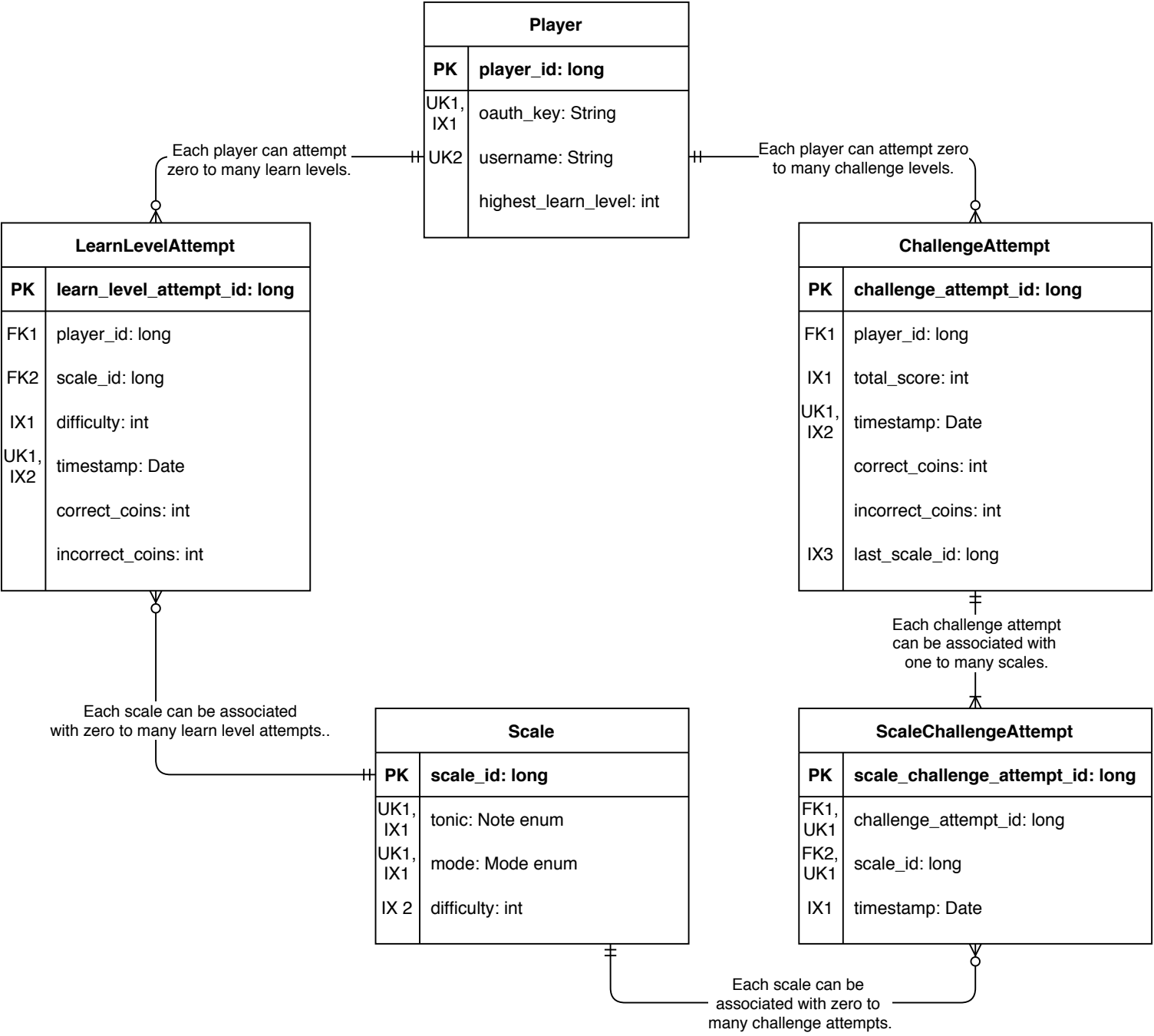
Player
PK
player_id: long
UK1, IX1
oauth_key: String
UK2
username: String
highest_learn_level: int
Each player can attempt zero to many learn levels.
Each player can attempt zero to many challenge levels.
LearnLevelAttempt
PK
learn_level_attempt_id: long
FK1
player_id: long
FK2
scale_id: long
IX1
difficulty: int
UK1, IX2
timestamp: Date
correct_coins: int
incorrect_coins: int
ChallengeAttempt
PK
challenge_attempt_id: long
FK1
player_id: long
IX1
total_score: int
UK1, IX2
timestamp: Date
correct_coins: int
incorrect_coins: int
IX3
last_scale_id: long
Each challenge attempt can be associated with one to many scales.
Each scale can be associated with zero to many learn level attempts..
Scale
PK
scale_id: long
UK1, IX1
tonic: Note enum
UK1, IX1
mode: Mode enum
IX 2
difficulty: int
ScaleChallengeAttempt
PK
scale_challenge_attempt_id: long
FK1, UK1
challenge_attempt_id: long
FK2, UK1
scale_id: long
IX1
timestamp: Date
Each scale can be associated with zero to many challenge attempts.