user

PK	user_id: long
UK1	oauth_key: String
UK2	display_name: String

Every user who plays Codebreaker is recorded in this entity, using the OAuth2.0 identifier as a unique key.

Every came that is completed is completed by exactly one user; however, over time, a user may complete multiples games -- each of which ends up as a game_result.

game_result

PK	game_result_id: long
IX1	timestamp: Instant
IX2	code_length: int
IX3, IX4	guess_count: int
IX4, IX5	duration: Duration
FK1	user_id: long

When a game is completed, the result is summarized with an instance of this entity. In the case of the Android app, all games have the same pool of characters, so the size of the pool isn't included in this entity.