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 game that is completed, is completed by exactly one user. However, a user may complete multiple games, each of which ends up as a game_result

game_results

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

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