

MySQL Workbench interface showing a database schema for chessdb. The schema includes tables: users, users\_has\_openings, openings, openings\_has\_opening\_moves, and opening\_moves. The relationships are defined as follows:

- users (id INT, name VARCHAR(45), username VARCHAR(45), password VARCHAR(64), email VARCHAR(45), school VARCHAR(45)) is connected to users\_has\_openings (users\_id INT, openings\_id INT) via a 1:1 relationship.
- users\_has\_openings is connected to openings (id INT, name VARCHAR(45)) via a 1:1 relationship.
- openings is connected to openings\_has\_opening\_moves (openings\_id INT, opening\_moves\_id INT) via a 1:1 relationship.
- openings\_has\_opening\_moves is connected to opening\_moves (id INT, move\_num INT, fen\_str VARCHAR(90)) via a 1:1 relationship.

The bottom panel shows the details for the 'users\_has\_openings' table, specifically the 'openings\_id' column, which is an INT type.

Column	Datatype	PK	NN	UQ	B...	UN	ZF	AI	G	Default / Expression
openings_id	INT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Column details 'openings\_id':

Column Name:

Datatype:

Charset/Collation:

Comments:

Storage:

/Users/carlosramirez/Desktop/School Folders/ITP 303/ITP 303 Assignments/final project/ITP303\_Assignment3\_carlosr5.mwb saved.