Database Design in 3NF

teams(<u>team_id</u>, name, description)

users(<u>user_id</u>, first_name, last_name, <u>team_id</u>, username, password, role, email, *prof_photo*)

tasks(<u>task_id</u>, name, description, num_points)

submissions(<u>submission_id</u>, <u>task_id</u>, <u>user_id</u>, date_completed)

photos(<u>photo_id</u>, <u>submission_id</u>, caption)

Underlines:
<u>Solid underlined</u> fields are primary keys;
<u>Dotted underlined</u> fields are foreign keys;
<u>Double underlined</u> fields are composite keys that are both primary and foreign keys.
Italicized fields are fields that may potentially be added later.

Database Design Notes:

1. prof_photo is a potential field in users, can be added later but doesn't seem necessary.