



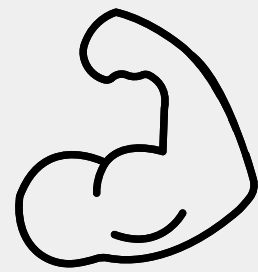
LARANA, INC.

EPPS 6354

ASSIGNMENT 4

BY JANNELLE NAVALES

WHAT IS THE DIFFERENCE BETWEEN A STRONG AND WEAK ENTITY SET?

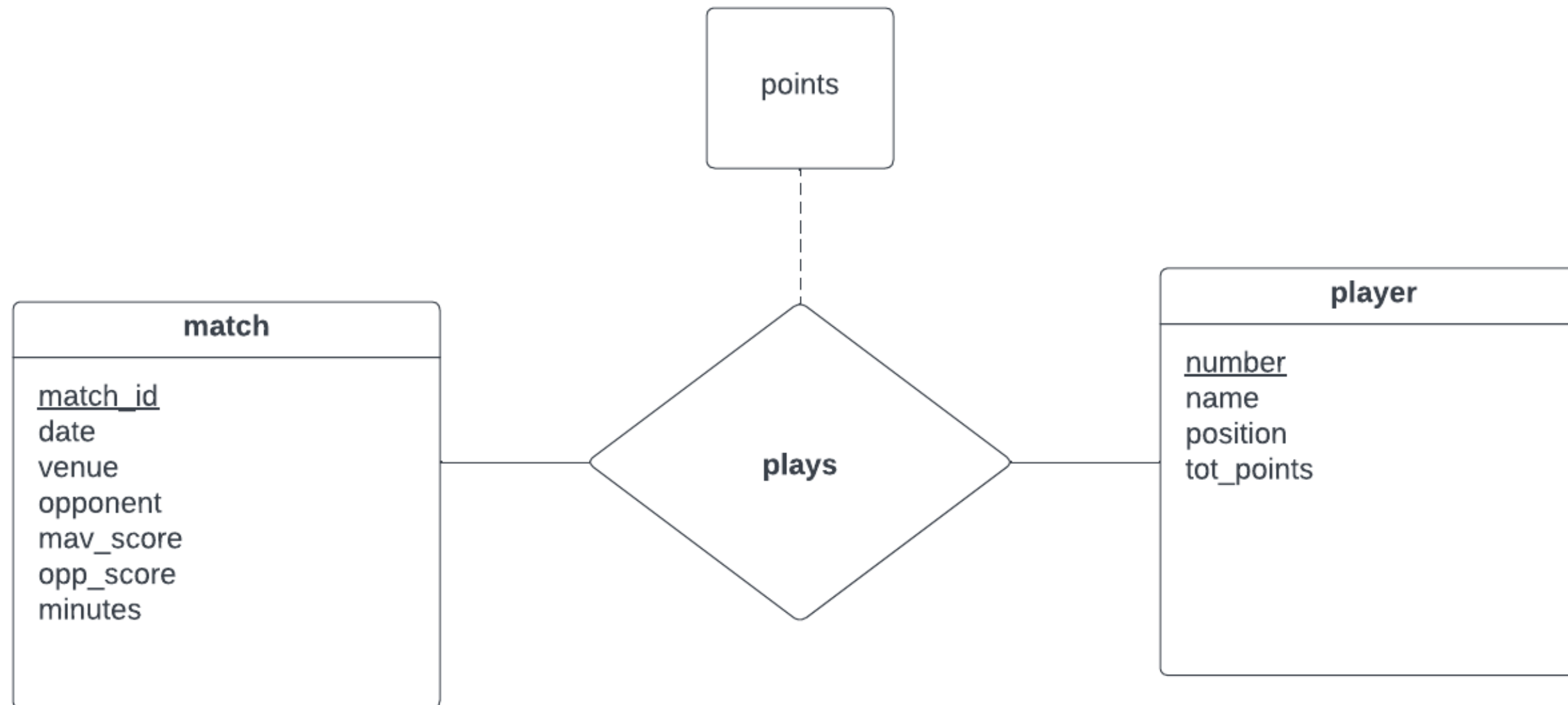


A **strong entity set** is identified using a primary key and its attributes alone (does not rely on another entity set). One example could be user profile data for a social media platform

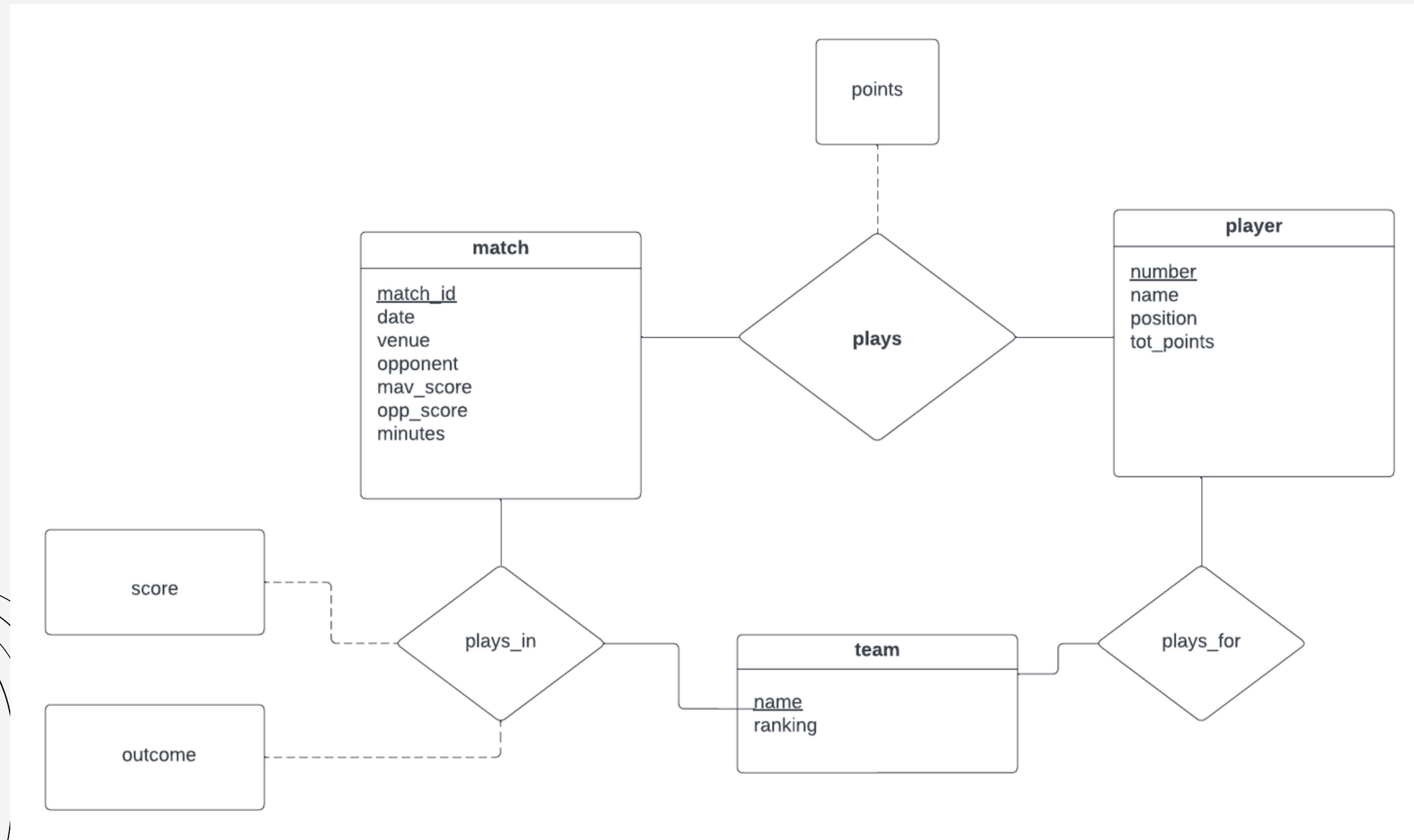


A **weak entity set** exists because of another entity set. It is identified using the primary of the other entity set as well as other attributes. One example could be posts of a social media platform, because they rely on the existence of a user profile.

QUESTION 2A



QUESTION 2B



QUESTION 3A

Appending **natural join** **section** would not change the results, as the relations **takes** and **student** already have shared columns with the same values.

course_id	semester	year	sec_id	avg(tot_cred)
CS-101	Fall	2017	1	65
CS-190	Spring	2017	2	43
CS-347	Fall	2017	1	67



QUESTION 3C

```
select e.id  
from employee as e  
natural left outer join manages as m  
where m.manager_id is null;
```