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Class: INFX563

Title: Feedback for individual ERD

Feedback by Mason Gerald Wrolstad

Feedback 1: person might be able to have multiple trainers, doctors, or maybe nutritionists

Resolution: Added intermediary tables for trainers, doctors, and nutritionists

Feedback 2: for simplicity terms, maybe try not to have the connector lines overlap quite as much in your next ERD, so it's a little easier to trace the relationships

Resolution: Entities are lined up in a way to make them easily viewable, and connector lines are not overlapped and show the connection between the entities

Feedback by Robert Marshall

Feedback 1: In the Nutritionist entity I do not see the FK Diet_id listed anywhere else.

Resolution: this was an oversight. I have removed this FK.

Feedback 2: In the Trainer entity I do not see the FK FitnessId listed anywhere else.

Resolution: This also was an oversight I have removed this FK.

Does making PatientId an FK within the Doctor entity cause problems?

Resolution: I do not think to make PatientId an FK with the doctor entity. The Idea is that a patient can have zero to many doctors and we need to be able to associate that patient with the doctors that have monitored this patient.

Does Insurance need to have relationships with both the Patient and Doctor entities?

Resolution: Yes, there has to be a relationship with both entities. The reason is that every patient should have zero to one insurance to be admitted to any medical practices. Also, some doctors can either be in-network with a specific insurance service, or they can be an out-of network. In this case, doctor's entity has to be associated with an insurance service.

Feedback from Grading

Medium quality - some entities may need more definition or increased normalization. Entities may be missing some detail. Some relationships may be incorrectly represented.

Resolution: Added detailed information and ensured correct relationships between the entities.

Medium quality - one or two errors in either the System Documentation or the ER Diagram. All directions for the assignment were followed.

Resolution: Reviewed and updated the ER diagram for any errors.

Finally, besides the above feedback, I have updated all the related FK and PK relationships.