Assignment 1

Student

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✏ View or edit group

Total Points

90 / 100 pts

Question 1

ER Diagram Modeling   💬 Resolved   **90** / 100 pts

     – 3 pts Incorrect use of weak entities while capturing usage logs

✔ **– 2 pts** Discriminators not specified

     – 5 pts Entities not marked as weak

     – 5 pts Missing attributes

     – 5 pts Improper use of subclasses

     – 3 pts Incorrect relationship mapping

✔ **– 5 pts** Missing relationship

     – 5 pts attributes over specified into entities

✔ **– 5 pts** Wrong cardinality of relationship

✔ **– 3 pts** Use of relationship instead of entity

     – 5 pts Type of subclass not specified

     – 5 pts Strong entities marked as weak

     – 5 pts Wrong placement of attribute

     – 5 pts Improper weak relationship

💬 **+ 5 pts** Entry/Exit log should have timestamp underlined as discriminators. Family relationship is missing. Cardinality constraint between member and event is incorrect. Event should be weak entity.

↻ Regrade Request   Submitted on: Nov 05

> It is written in the remarks that Event should be weak entity. But in solution, event is not a weak entity.
>
> Also why timestamp should be a discriminator? It is a weak entity so person_id, time_stamp together become discriminator. So, I think we need not underline timestamp in ER diagram.

Regarding to timestamp, if you don't underline timestamp, timestamp might replicate and person_id, time_stamp together could be duplicate in the DB. Point is return for event.

Reviewed on: Nov 07

Q1 ER Diagram Modeling
100 Points

Please upload a PDF file as described in the assignment description.

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100 Points