

Evaluation of Milestone 1

Summary

Student-1: [Aziz, Iftekher, 12338137] / Points: [23/30]

Student-2: [Baur, Lennard, 12018378] / Points: [23/30]

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TEAM

1.1. Conceptual Modeling 8/12

1.1.1. Describe the Application Domain [3/4 points]

- Weak entity sounds more like a bridging table with additional attributes. On the other hand, it would make sense to me to have a workshop as a weak entity of an Event. This would be way easier to argue

1.1.2. Logical Design [1/4 points]

- IS-A relationship not properly modelled
- Weak entity not properly modelled
- Cardinalities are either wrong or not properly assignable to the correct relationships
- Model is difficult to read (visually not well presented)

1.1.3. Relational Modeling [4/4 points]

- OK (but inconsistencies with previous parts remain)

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INDIVIDUAL Student-1 15/18

1.2 Use Case Definition and Design Student-1 [2/4 points]

1.2.1 Student-1 Textual Description

- Relevant action missing in Main Flow description: The case for group submissions is not defined (m:n relationship between participant and submission, e.g. select group members)

1.2.2 Student-1 Graphical Representation

- Relevant flow missing: Communication between swimlanes not modelled
- Controlflow wrong (e.g. loops, unterminated paths, ...): Multiple routes from "Create Submission Record" is not allowed without flow operator (decision node, fork).

1.3 Analytics Report Student-1

1.3.1 Student-1 Analytics Report Concept [4/4 points]

- OK

1.3.2 Student-1 Analytics Report POC [4/4 points]

- OK

1.4 NoSQL Design Student-1 [5/6 points]

- No understandable for the chosen design: Participant is never thought of as potentially accessed on it's own. (Ok for use case but thinking about application level, this might lead to issues)
- Keeps several ids, although only one is necessary (_id, submission_id in submission document)

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INDIVIDUAL Student-2 15/18

1.2 Use Case Definition and Design Student-2 [4/4 points]

1.2.1 Student-2 Textual Description

- OK

1.2.2 Student-2 Graphical Representation

- OK

1.3 Analytics Report Student-2

1.3.1 Student-2 Analytics Report Concept [2/4 points]

- SQL statement missing (-2 points)

1.3.2 Student-2 Analytics Report POC [4/4 points]

- OK

1.4 NoSQL Design Student-2 [5/6 points]

- Keeps several ids, although only one is necessary (e.g., _id, participant_id in participant document)