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CYBR 410

6/5/2022

2.3: PyTech

There are two designs below for the UMLet. To me the first one makes sense as seems like it covers all the rules as long as you go backwards in it. Having the triangle type seems repetitive and like it would cause possible duplicates of data to be populated and so on. Figured I’d show both just in case.

Diagram

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This NoSQL I have a few the first one I just a layout of the tables as they would be with data filled in.

Text

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The next one is applying that adding the table name with field name to tie together sort of like a foreign key…which is a little odd since the student table has a field called student\_id so I have student\_student\_id for the enrollment and course table and then also for the course table I added enrollement\_term (adding term to the course table from enrollment so they could be tied together). This is the URL I am referring to <https://www.mongodb.com/docs/manual/tutorial/model-embedded-one-to-many-relationships-between-documents/> which talks about subset vs embedded (which I accidently mentioned embedded in the 2.2 doc when I meant subset for the last NoSQL example ). Below is an embedded example (if I understand what the site is trying to say)

Text

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The next is the subset style. The site examples only seem to have two tables so hopefully this is how it would look with three.

Text, letter

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