

**Subject:** Class B - Assignment 3 Resources: Database Concepts (2137)  
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Hi Guys,

We may be aware that we have assignment 3 that is due in 2 weeks time on the 21st August 23:59. If you have not started, please do so ASAP. Here's the link to the assignment guide, just in case you haven't looked yet: <https://rmit.instructure.com/courses/85195/assignments/589035>

Some key revision areas for assignment 3 and the module 11 case study:

MAPPING	This task caused quite a few problems in assignment 1 - well worth a review for everyone. Start here: <a href="https://rmit.instructure.com/courses/85195/pages/4-dot-2-0-activity-mapping-the-er-model-to-the-relational-model?module_item_id=3139001">https://rmit.instructure.com/courses/85195/pages/4-dot-2-0-activity-mapping-the-er-model-to-the-relational-model?module_item_id=3139001</a>
STRONG VERSUS WEAK ENTITIES	Assignment 3 seems to have some weak entities. Start here with a quick review: <a href="https://rmit.instructure.com/courses/85195/pages/3-dot-2-2-strong-and-weak-entities?module_item_id=3138983">https://rmit.instructure.com/courses/85195/pages/3-dot-2-2-strong-and-weak-entities?module_item_id=3138983</a>
RELATIONSHIPS	There were a few problems with relationships in assignment 1, particularly the N:M relationship and students who placed FK's into entities (not done). Start a quick review here: <a href="https://rmit.instructure.com/courses/85195/pages/3-dot-2-4-relationships?module_item_id=3138985">https://rmit.instructure.com/courses/85195/pages/3-dot-2-4-relationships?module_item_id=3138985</a>
OBJECT CREATION	Assignment 3 features the creation of a significant number of tables. Review module 2, looking at the various table create statements. Look particularly carefully at constraints. I provided some examples in webinar 2: <a href="https://rmit.instructure.com/files/18944880/download?download_frd=1&amp;verifier=WQ8Cac3fxWWTLDgvWKazRxLTXIUUp2RWIBfKwkwYr">https://rmit.instructure.com/files/18944880/download?download_frd=1&amp;verifier=WQ8Cac3fxWWTLDgvWKazRxLTXIUUp2RWIBfKwkwYr</a>
NORMALISATION	We have been working on this area in recent weeks, so it is probably quite fresh in your minds. Nevertheless, another look at FD's in particular would be a good idea, starting here: <a href="https://rmit.instructure.com/courses/85195/pages/9-dot-2-3-functional-dependencies?module_item_id=3139108">https://rmit.instructure.com/courses/85195/pages/9-dot-2-3-functional-dependencies?module_item_id=3139108</a>

Kind regards

Dr. Pranata



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