

DIG5127 Database and Web Application Development

Week 6 Milestone – ERM Review

This activity is an opportunity to review your proposal for the main module assessment task. You are to present a clear application requirement which identifies its users and the functionality to be provided and from which the data requirements can be specified as an ERM.

You will need to submit your ERM on Moodle (under Week 7) by Friday 4th November 3:00pm

Feedback will be provided by the tutors in the form of a rubric.

Outline of the proposal:

You should provide an outline of your proposed application so the members of your group have a clear understanding of your objectives. The outline should provide a context to the proposed ERM.

0. No submission
1. Very little information provided regarding the proposed application and therefore no context to the ERM
2. Some information provided regarding the proposed application and therefore a general context to the ERM is evident.
3. Excellent encapsulation of the key features for the proposed application and therefore the context to the ERM is clearly evident

Entity:

Does the diagram represent real life objects? Are there any entities that could have been included as part of the overall design? Are there too many entities meaning the database is overly complex?

0. No submission
1. The entities have been detailed however there are some that are not clear and/or too complex meaning the entities are not rationalised.
2. Most of the entities have been identified and labelled. The design is planned well but some entities could have been rationalised.
3. All entities have been identified and correctly labelled. The overall design fits logically to the proposed application.

Attribute:

Do the attributes relate to the Entity? Have all the attributes been identified on ERM? Have the datatypes been identified and are they the correct type?

0. No submission.
1. The attributes could be better related to the Entity. Not all the attributes have been identified for its Entity. The datatypes are not all correct and correctly assigned.
2. Most of the attributes are related to the Entity but there are some that are missing to complete the design. Most of the datatypes have been identified correctly.

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3. All the attributes have been identified correctly for each entity. All the datatypes have been labelled and shown on the design.

Relationship:

Are the Entities linked using the correct relationships? I.e. one-to-one, one-to-many, many-to-one or many-to-many?

0. No submission
1. The relationship have been identified but not all correct. The convention have not been used and therefore missing key information.
2. The relationships have been identified and most have been labelled with the correct convention. Some minor information is missing.
3. All the relationships between entities have been identified and labelled correctly in the correct convention.

Important. In order to obtain your mark for this milestone you will need to submit a proposed ERM. It is there for essential that all engage and upload feedback.