

Assignment 1

This assignment is part one of a two-part assignment and it is worth 10% of your final module mark. You will be working either solo or as in a pair, and you are expected to spend approximately 12 hours working upon this assignment.

You should submit this work by 17:59 PM on Friday 8th February 2012.

Assignment: what you are to do

There is an evident need for Teddy Bear Club nursery to transform their paper-based record and reporting system into an electronic version that permits more efficient administration and therefore time-saving. This assignment is to design a **Relational Database** system for Teddy Bear Club nursery which will allow it to track, at least:

- children's records: attendance, invoices and fees paid, contact details, progress etc
- supplier invoices
- employee holidays, training, holidays, professional registration etc
- the people applying for those jobs, and their history as handled by the employment agency.

You should feel free to add any other aspects that you think are relevant to this, from the perspective of the nursery management, employees and of parents seeking to use the nursery.

Assignment: deliverables

You should submit a report outlining the problem statement, your conceptual model (presenting the E-R Diagram) and a video (maximum 3 minutes) "talk-through" of these two items, identifying any key issues or highlights.

The entire report should be submitted via Blackboard.

Assignment: (provisional) assessment scheme

- I. Problem statement 40%
- II. E-R Diagram 40%
- III. Video 20%

Late submissions will be penalised in line with the School of Computing standard practice – your marks will be reduced by one grade per day late for up to 5 days, thereafter zero marks will be awarded.