



THE PRIORY ACADEMY

**LSST**

Sixth Form Induction Day

BTEC Level 3 Information Technology  
(AAQ) Taster Session



## Starter activity – from Unit 4 Relational Database Development

### Task Scenario

You have been asked to create a database for Smart Art.

The company runs exhibitions in art galleries.

Galleries are either combo or commercial.

A combo gallery is a gallery in the premises of another company. For example a furniture store that displays the art.

Artists show their work at exhibitions in the galleries.

The database will record information about:

- galleries
- artists
- exhibitions.



# Starter activity from Unit 4

Exhibition ID	Num Days	Artist ID	Gallery	Artist Surname	Gallery ID	Gallery Type ID	Artist Initial	Gallery Type	Exhibition Start Date	Predicted Sales
1	7	7	Kingdom Works	Magyar	7	1	P	Commercial	05/12/2020	£3695.00
2	4	1	Hauser & Bodega	Andreasson	6	1	Q	Commercial	14/12/2020	£1112.00
3	4	3	Neue Brand Haus	Coumans	2	1	H	Commercial	20/12/2020	£3639.00
4	3	6	Brand Arts	Fuentes	4	1	P	Commercial	26/12/2020	£1955.00
5	10	2	Neu Gallery	Atteberry	5	1	J	Commercial	31/12/2020	£2093.00
6	5	4	Decadent Furniture	Robinson	1	2	J	Combo	12/01/2021	£1612.00
7	5	2	Neue Brand Haus	Atteberry	2	1	J	Commercial	19/01/2021	£3427.00
8	4	3	Neu Gallery	Coumans	5	1	H	Commercial	26/01/2021	£3705.00
9	3	2	Brand Arts	Atteberry	4	1	J	Commercial	01/02/2021	£3071.00
10	8	6	Hauser & Bodega	Fuentes	6	1	P	Commercial	06/02/2021	£2042.00

Use normalisation techniques to create a relational database structure based on the data above that minimises duplication and eliminates inconsistency.



# The bigger picture!

Qualification title	Size and structure	Summary purpose
<b>Pearson Level 3 Alternative Academic Qualification BTEC National in Information Technology (Extended Certificate)</b>	360 GLH (468 TOT) Equivalent in size to one A Level.  4 units of which 4 are mandatory and 2 are external. Mandatory content (100%). External assessment (66.6%).	The Extended Certificate is for students who are interested in learning about the Information Technology sector alongside other fields of study, with a view to progressing to a wide range of higher education courses, not necessarily in Information Technology-related subjects.  It is designed to be taken as part of a programme of study that includes A Levels.

## Mandatory units – students complete all units

Unit number	Unit title	GLH	Type	How assessed
1	Information Technology Systems	120	Mandatory	External
2	Cyber Security and Incident Management	120	Mandatory	External
3	Website Development	60	Mandatory	Internal
4	Relational Database Development	60	Mandatory	Internal

Y12

Y13



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# Top tips for studying BTEC Level 3 Information Technology (AAQ)

- For both coursework units, attempt all the assessment criteria as this will generally allow you to re-submit improved coursework based on feedback from your teachers.
- Be mindful of coursework deadlines in BTEC as these are “official” and shared with the exam board. Not submitting work (or work that is deemed to be close enough to meeting any assessment criteria) will result in a re-take of that unit but focused on Pass criteria only!



# What do I need to do to prepare before September?

- Over the summer make sure you complete the transition work which can be found on the website.
- This should be submitted to:  
[kwillumsen@prioryacademies.co.uk](mailto:kwillumsen@prioryacademies.co.uk)
- Look at the specification from the examination board here:  
[Pearson Level 3 Alternative Academic Qualification BTEC National in Information Technology \(Extended Certificate\) Specification](#)



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