

Unit 2 – Creating Systems to Manage Information

Additional Sample Assessment Material 2019

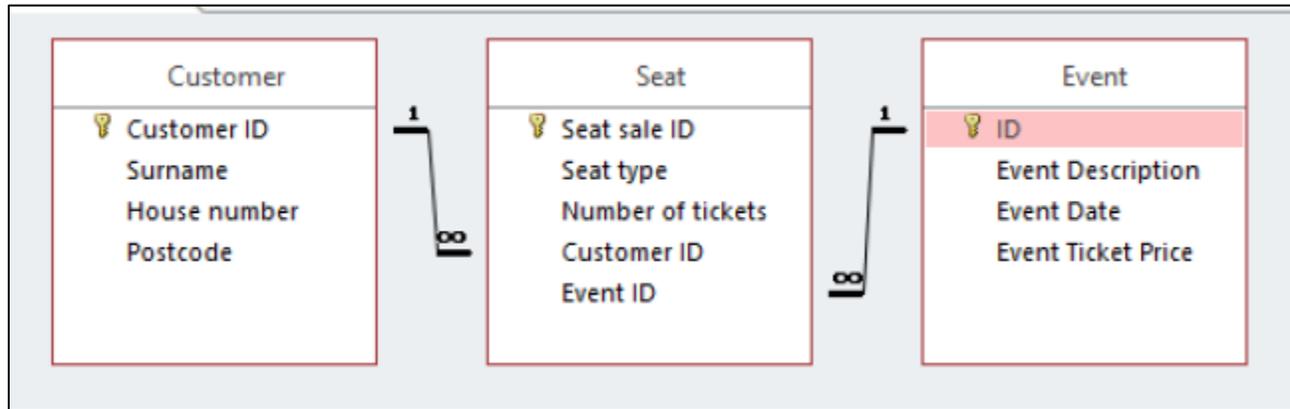
Script A

Activity	Band	Mark	Max Mark
Part A			
1 – Database Relationship Screenprint	4	8	8
2 – Table Structures	3	6	8
3 – Queries and Report	2	6	12
4 – Structure Testing	2	4	6
5 – Structure Evaluation	2	4	6
Part A Total		28	46
Part B			
6 – Interface	1	2	14
7 – Interface Testing	2	4	6
8 – Interface Evaluation	2	3	6
Part B Total		9	26
Overall Total		37	66

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Activity 8 – Interface Evaluation, Band 2, 3 Marks	24

Activity 1 – Database Relationship Screenprint, Band 4, Marks 8



Assessment focus	Band 0	Band 1	Band 2	Band 3	Band 4	Max. mark
Activity 1: ERD screenprint	0	1-2	3-4	5-6	7-8	8
	No rewardable material	ERD shows an attempt at normalisation with significant data redundancy. ERD has some correct relationships shown.	ERD shows that most data is correctly normalised with some data redundancy. ERD has some correct relationships and some correct relationship types.	ERD shows that most data is correctly normalised with minimal data redundancy. ERD has mostly correct relationships and mostly correct relationship types shown.	The ERD shows that the data is correctly normalised with no data redundancy. ERD has correct relationships and relationship types shown throughout.	

Trait	Band	Comments
1	4	<ul style="list-style-type: none"> All fields are in the correct tables. Learner has renamed EventID to ID. Whilst not entirely suitable it is the only ID in the event table so has been taken as a rename of field. Normalisation for the data set using constraints given correct.
2	4	<ul style="list-style-type: none"> Learner has the three correct tables, 2 correct relationship lines and 2 correct relationship types.
Band	4	The learner has fully normalised the data set and has provided an accurate solution

Activity 2 – Table Structures and Validation, Band 3, Marks 6

Table Structures

Add screenprints of each of your tables in design view showing the table names, field names and data types **ONLY**

Customer	
Field Name	Data Type
Customer ID	Number
Surname	Short Text
House number	Short Text
Postcode	Short Text

Seat	
Field Name	Data Type
Seat sale ID	Number
Seat type	Short Text
Number of tickets	Number
Customer ID	Number
Event ID	Number

Event	
Field Name	Data Type
ID	AutoNumber
Event Description	Short Text
Event Date	Date/Time
Event Ticket Price	Currency

Trait 1

- Meaningful names have been used for the tables rather than standard naming conventions
- Key fields are not consistent – use of lowercase/upercase
- Other fields are not consistent – use of lowercase/upercase
- Classed as **some inconsistencies**

Trait 2

- Learner has identified all primary and foreign keys from their ERD in Activity 1

Trait 3

- House number is text, Event Date is date and time, Event Ticket Price is currency, Number of tickets is number, and the rest are text. All accurate

Trait 4 Validation

Presence Check

- Add a screenshot of **one** presence check

Customer	
Field Name	Data Type
Customer ID	Number
Surname	Short Text
Validation Rule	Is Not Null
Validation Text	Please enter the customer surname

- Validation rule and validation text are suitable
- Surname is a suitable field to include a presence check on – it is part of the requirements given in the activity

Length Check

- Add a screenshot of **one** length check

House number	Short Text
Postcode	Short Text
General Lookup	
Field Size	20

- Field size is suitable. This is one of the text fields mentioned in the requirements for this activity
- 20 is a reasonable length

Format Check

- Add a screenshot of **one** format check you have applied

Postcode	Short Text
General Lookup	
Field Size	25
Format	
Input Mask	> LL00\ 0LL;_

- Slight weakness in that the format would not work for the data extract. This input mask expects 2 digits in the first half of the postcode as opposed to 1

Value Lookup or Range Check

- Add a screenshot of **one** value or **one** range check you have applied

Number of tickets	Number
Validation Rule	>= 1 And <= 8
Validation Text	Please enter a number within the range

- Validation rule and validation text are suitable
- Range for this field was given as part of the requirements for this activity
- Range is correct

Table Lookup

- Add a screenshot of **one** table lookup you have applied (foreign key only)

Seat	
Field Name	Data Type
Seat sale ID	Number
Seat type	Short Text
Number of tickets	Number
Customer ID	Number
Event ID	Number
General Lookup	
Display Control	Combo Box
Row Source Type	Table/Query
Row Source	SELECT [Customer].[Customer ID] FROM Customer ORDER BY [Customer ID];
Bound Column	1
Column Count	1
Column Heads	No
Column Widths	2.54cm
List Rows	16
List Width	2.54cm
Limit To List	No

- Has been applied to a foreign key
- Does lookup to the correct table
- Weakness in that it does not have 'Limit to List' set to 'Yes'

Activity 2: Table structure and validation	0	1-2	3-4	5-6	7-8
	No rewardable material	<p>Uses some meaningful field and table names with some inconsistencies.</p> <p>The table structure identifies some primary and foreign key fields.</p> <p>The table structure has limited use of correct data types.</p> <p>Limited use of validation which may be inaccurate.</p>	<p>Uses meaningful field and table names with minor inconsistencies.</p> <p>The table structure identifies most primary and foreign key fields.</p> <p>The table structure has correct data types for most fields.</p> <p>Accurate validation rules for some of the fields that require validation.</p>	<p>Uses a recognised naming convention with minor inconsistencies for fields and tables.</p> <p>The table structure identifies all primary and most foreign key fields.</p> <p>The table structure has correct data types for most fields including matching primary and foreign key fields.</p> <p>Accurate validation rules for most of the fields that require validation.</p>	<p>Uses a recognised naming convention consistently for fields and tables.</p> <p>The table structure identifies all primary and foreign key fields.</p> <p>The table structure has correct data types for all fields.</p> <p>Accurate validation rules for all fields that require validation.</p>

Trait	Band	Comments
1	1	<ul style="list-style-type: none"> Meaningful names have been used for the tables rather than standard naming conventions. Naming of key fields is inconsistent (use of lowercase/uppercase). Other fields are inconsistent (use of lowercase/uppercase). Band 1 as too many inconsistencies.
2	4	<ul style="list-style-type: none"> All primary and foreign keys have been identified (matches their Activity 1)
3	4	<ul style="list-style-type: none"> All data types are correct.
4	3	<ul style="list-style-type: none"> The learner has included accurate validation rules for most of the fields that require validation. There was a slight weakness in terms of the format check and the table lookup did not have 'Limit to List' set to 'Yes'.
Band	3	Overall there is enough evidence to place the learner at the top of band 3. If the only weakness had of been in terms of the validation, then the learner could have accessed the bottom of band 4. However, the evidence in terms of trait 1 was very weak.
Mark	6	

Activity 3 – Queries and Report, Band 2, Marks 6

Query1 (Event description and ticket price)

Event

- ID
- Event Description
- Event Date
- Event Ticket Price

Event Description	Event Ticket Price
Christmas Songtime	£10.00
The Polar Express	£15.00
	£30.00

Field:	Event Description	Event Ticket Price	Event Date
Table:	Event	Event	Event
Sort:	Ascending		
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Criteria:			#20/12/2019# Or #21/12/2019#

Query2

Seat

- Seat sale ID
- Seat type
- Number of tickets
- Customer ID
- Event ID

Event

- ID
- Event Description
- Event Date
- Event Ticket Price

Event Description	Number of tickets	Income: [Number of tickets]*[Event Ticket Price]
Christmas Songtime	3	£30.00
Home Alone	12	£150.00
The Polar Express	6	£90.00

Field:	Event Description	Number of tickets	Income: [Number of tickets]*[Event Ticket Price]
Table:	Event	Seat	
Total:	Group By	Sum	Sum
Sort:			
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:			

Event Description	SumOfNumber of tickets	Income
Christmas Songtime	3	£30.00
Home Alone	12	£150.00
The Polar Express	6	£90.00

Trait 1

- The top of the query grid has the relevant table
- All three fields in the query grid are required in order to produce the required results

Trait 2

- Includes the sort and the correct criteria for date (2 out of 2)

Trait 3

- Presentation of results aids readability and understanding. Logical order of fields and only those specified as being required have been shown

No weaknesses

Trait 1

- The top of the query grid has the relevant tables
- The query is an aggregate query
- All of the fields present are suitable
- The fields included enable the required results.

Trait 2

- Does not include the criteria to find table seats only, does include SUM to find the number of tickets sold, does include a suitable calculation to determine the income. 2 out of 3

Trait 3

- Presentation goes some way to aid readability and understanding. Ordering of fields sensible, no truncation, income shown as currency with 2 decimal places and a suitable field name. However, number of tickets sold does not include a suitable field name

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Weaknesses – 1 criterion missing, one generated field does not have a suitable name

The learner did not produce a report.

Assessment focus	Band 0	Band 1	Band 2	Band 3	Band 4	Max. mark
Activity 3: Queries and Report	0	1-3	4-6	7-9	10-12	12
	No rewardable material	<p>Queries and report include limited relevant fields.</p> <p>Queries and report include details of some criteria and calculations required, which may include inaccuracies.</p> <p>Presentation of data in queries and report will not aid readability and understanding of data.</p>	<p>Queries and report includes some relevant fields.</p> <p>Queries and report include accurate details of some criteria and calculations required.</p> <p>Presentation of data in queries and report will, in places, aid readability of and understanding of data.</p>	<p>Queries and report includes mostly relevant fields.</p> <p>Queries and report includes accurate details of most criteria and calculations required.</p> <p>Presentation of data in queries and report will mostly aid readability and understanding of data.</p>	<p>Queries and report includes all relevant fields only.</p> <p>Queries and report include accurate details of all criteria and calculations required.</p> <p>Presentation of data in queries and report will aid readability and understanding of data.</p>	

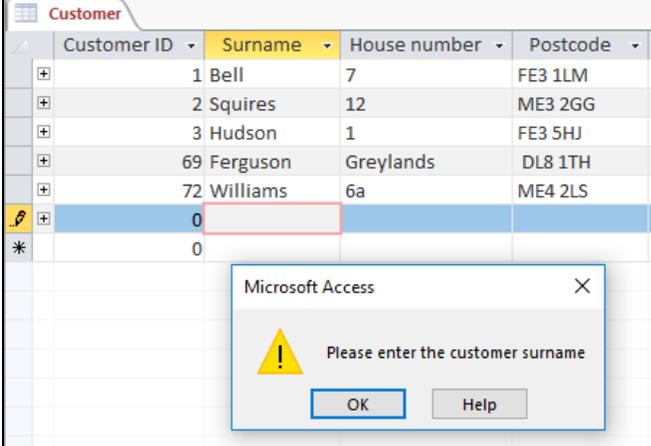
Trait	Band	Comments
1	2 Top	The learner has included evidence for two of the three objects. Both queries include relevant tables (including relationship in the second) and the grids include relevant fields only. The report being missing does affect the awarding of the band. It cannot be said to include mostly relevant fields, which is what is required in band 3 as cannot judge what the report would have contained. There is enough to eb classes as some relevant fields.
2	2 Top	The learner has included the 2 out of 2 criteria (sort classed as criteria in this instance) for query A and 2 out of 3 criteria/calculations correct in query B – it does not filter to table seats only. The report would have included 4 calculations. Therefore, the learner has 3 out of a possible 9 correct. There is enough to say the evidence includes accurate details of ‘some’ criteria and calculations. There is not enough to say ‘most’.
3	2 Top	There are no weakness present in the datasheet presentation of the queries. However, the report is a large component that includes the demonstration of a range of skills in order to present it effectively. Therefore, there is not enough evidence to say ‘mostly aid’. There is enough to say it will aid readability and understanding of data in places.
Band	2	Overall the evidence sits in mark band 2. If the pdf of the report had been included a more detailed assessment of the layout and formatting could be seen, which could have allowed entry into band 3
Mark	6	

Activity 4 – Testing, Band 2, Marks 4

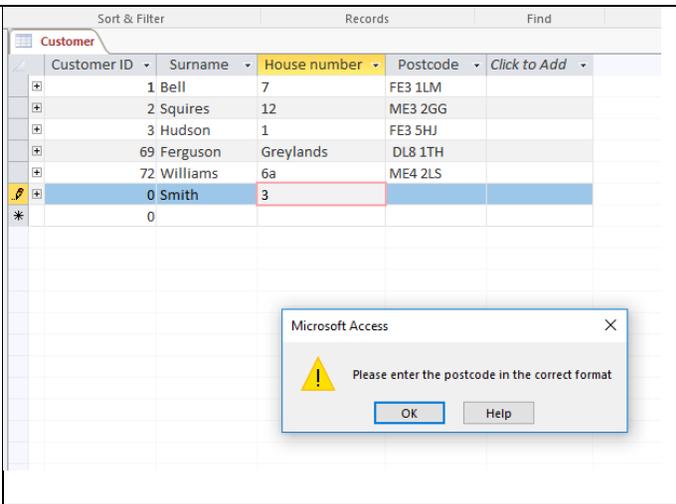
Customer table testing

The test specified in the task were

1. a record will not save without the surname being present
2. a record will not save if the postcode is not in the correct format
3. a record will not save if the event selected is invalid
4. a record will not save if the seat type is invalid
5. a record will not save if the number of tickets purchased is below the accepted range
6. a record will not save if the number of tickets purchased is above the accepted range

Test No	Type of test (N, R, X)	Test data	Expected results	Add screenshot(s) of the results of this test (and any retests) Ensure you show the test data used in the screenshot(s)	Only complete this column if the results are not as expected Explain the error If you correct the error explain how you have done it including screenshot(s)
1	R	Null	An error message will appear on screen telling the user to enter a surname.		
Type	The type of test is correct				
Data	Test data is relevant but not specific i.e. it does not specify what field 'Null' will apply to nor say what the data should be in the rest of the fields				
Expected	Good expected results. They do match the test data.				

Actual Actual results should have shown the data in all of the fields (not being tested) otherwise evidence is good

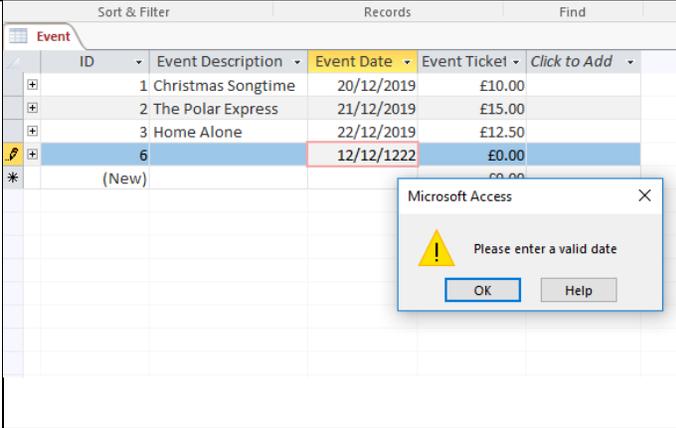
2	R	000000000	An error message will show telling the user to enter a postcode in the correct format.		
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Type Type of test correct

Data Relevant but not specific i.e does not specify which field the test data is for nor what data will be used in the rest of the fields

Expected Relevant but not correct. This test result is showing the results of a presence check not the input mask error that would have occurred (the learner used an input mask). The evidence expected would have been that the user could not move past the first character without inputting a letter. No error message would have been displayed

Actual Relevant but not correct for the actual test they were supposed to carry out

3	R	12/12/1222	A message will appear on screen telling the user to enter a valid date.		
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Type Is incorrect. It is relevant to the paper but not to what they were asked to do. It should have been extreme testing on the sales form. However, it is relevant to their test.

Data Is not testing the correct table. The test was to test that an invalid event could not be selected. The only form where a combo box for event would have been suitable is on the seat sale form. Therefore, the test data is not appropriate. Also, the data to be used in the rest of the fields is missing.

Expected Is not suitable. See comments above

Actual Is not suitable – see comments above

4	R	Chair	An error message will appear on screen telling the user what they entered wasn't an option from the list.	
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Type Correct

Data Not specific. What field is the data for and where is the data for the rest of the fields?

Expected Suitable. Learners do not need to try to create messages outside of the default messages for lookups.

Actual Good

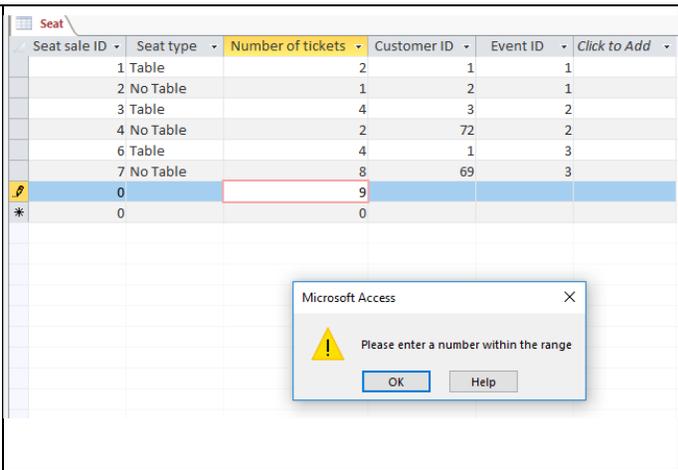
5	R	0	An error message will appear telling the user to enter a number within the range.	
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Type Incorrect. This is extreme testing

Data Does not say which field the 0 is for. Does not say what data will be used in the rest of the fields

Expected Is correct looking at their message.

Actual Are relevant, however, learner should have noticed the message is not really suitable (should have included the range) and this would have been an ideal opportunity to explain, correct and add another screenprint of the updated results.

6	R	9	An error message will appear telling the user to enter a number within the range.		
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Type	As above
Data	As above
Expected	As above
Actual	As above

Assessment focus	Band 0	Band 1	Band 2	Band 3	Max Marks
Activity 4: Structure Testing	0	1-2	3-4	5-6	6
	No rewardable material	<p>Testing is too narrow to confirm a working solution, including limited normal, erroneous and/or extreme data.</p> <p>Expected results are generic or mostly inaccurate. Test data may not be present</p> <p>Test results prove that that the database operates under some normal circumstances relevant to the scenario. Test result comments are present when errors have been found. These comments show a limited understanding of any errors that were found.</p>	<p>Testing is adequate to confirm a working solution, including some normal, erroneous and/or extreme data.</p> <p>Expected results are mostly accurate and based on identified test data but may lack detail.</p> <p>Test results prove that that the database operates under some normal circumstances and that the interface can cope with some erroneous and extreme data relevant to the scenario. Test result comments are present when errors have been found. These comments show partial understanding of any errors that were found.</p>	<p>Testing is thorough, including a range of normal, erroneous and extreme data.</p> <p>Expected results are specific and accurate based on identified test data.</p> <p>Test results prove that that the database operates under all circumstances relevant to the scenario. Test result comments are present when errors have been found. These comments show a clear understanding of any errors and how they were fixed.</p>	

Trait	Band	Comments
1	2	Testing is adequate to confirm a working solution. There has been erroneous and extreme testing carried out (even if misidentified at times). There was no normal testing for the learner to carry out in this activity.
2	2	Expected results are mostly accurate though there are weaknesses in the expected results for the postcode test and the invalid event test. They are based on test data that is relevant but not specific.
3	2	Test results prove that the database can cope with some extreme and erroneous data relevant to the scenario. There are two instances where the learner could have identified errors and were missed.
Band	2	Overall there is enough evidence to place the learner at the top of band 2. It is not quite enough to enter band 3 but more than enough for band 1.
Mark	4	

Activity 5 - Evaluation, Band 2, Marks 4

My database structure doesn't have any duplicated data as I manually inputted all of the records to ensure data duplication doesn't occur. This was done to save the user time from scrolling through multiple records which had the same data. I am confident in saying my database structure meets all of the requirements, this is because I used a lookup wizard to create a drop down box with the two types of seat, no table and table. If the user didn't fill in the field I included an error message telling them to choose an option from the list, this was done to ensure key information isn't missed out when inputting data to fill records. I also used a presence check to ensure at least one ticket is sold in a sale to make the records make sense when the user is browsing through them. Finally I used a range check to ensure a sale cannot be completed if the ticket number has exceeded eight tickets, this was done to ensure more than the maximum amount of tickets can be purchased, additionally the range check includes at least one ticket must be bought to further solidify that a ticket must be sold to complete a sale, if the user enters data that is either below 1 or over 8, an error message will appear on screen telling them to enter a number within the set range. To conclude I believe my database structure is stable as it meets all of the requirements.

Assessment focus	Band 0	Band 1	Band 2	Band 3	Max. mark
Activity 5: Structure Evaluation	0	1-2	3-4	5-6	6
	No rewardable material	<p>Superficial understanding of relevant technical concepts shown with some inaccuracies.</p> <p>Limited or unsupported justification of the relational database structure selected.</p> <p>Limited links between aspects of the solution and the requirements of the scenario.</p> <p>Technical vocabulary is used but it is not used appropriately to support arguments.</p>	<p>Some accurate and relevant understanding of technical concepts shown.</p> <p>Some valid justification, which may lack support of the relational database structure selected.</p> <p>Some logical links between aspects of the solution and the requirements of the scenario but may lack clarity.</p> <p>Mostly accurate technical vocabulary is used to support arguments.</p>	<p>Accurate and detailed understanding of relevant technical concepts shown throughout.</p> <p>A valid and fully supported justification of the relational database structure selected.</p> <p>Makes logical coherent links between aspects of the solution and the requirements of the scenario throughout.</p> <p>Fluent and accurate technical vocabulary is used to support arguments.</p>	

Trait	Band	Comments
1	2	There is nothing of relevance in terms of minimising data duplication. The learner should have been discussing how the structure (tables, relationships, relationship types, fields in tables) minimises duplication. No understanding has been shown at all in terms of this.
2	2	
3	2	
4	2	
Band	4	The evaluation of the validation is much better and does show the learner has some accurate and relevant understanding of technical concepts. They have also ensured some justification for their comments is present (for validation only not structure).
Mark	4	There are some links with the scenario and technical vocabulary is fine for what they have discussed.

Activity 6 – Interface and Functionality, Band 1, 2 Marks

The screenshot shows a web browser window with the title 'Add a new supplier'. The page content is on a red background. At the top, the text 'Add A Supplier' is centered. Below it, there are three input fields: 'Supplier', 'SupplierTelephoneNumber', and 'DeliveryDays'. The 'DeliveryDays' field has the number '0' entered. To the right of the fields are two buttons: 'Save Record' and 'Add Record'.

This screenshot is identical to the one above but includes a blue grid overlay. The grid is used to analyze the layout and alignment of the form elements. The text 'Add A Supplier' is centered. The input fields are aligned to the left. The 'Save Record' and 'Add Record' buttons are positioned to the right of the fields.

Trait 1

Expectations

- Sensible title
- Instructions on how to use the form
- SupplierID disabled
- Labels useful (spaces between words etc)
- Field widths appropriate, not just default and not all the same size – relevant to the data that will be displayed in them
- Attempt at house style – alignment of fields, alignment of data in fields, different size font for title compared to data etc

Evidence

- The form has a sensible title that is relevant to its purpose
- There are no instructions on how to use the form
- There is no Supplier ID
- Only the supplier has a suitable label. The rest are default and unsuitable
- The field widths are not appropriate – they have been left as their default. They should have been sized individually to suit the data that would be input/display
- There is no real attempt at a house style. The background colour is not required, there are no different sized fonts etc.

Trait 2

There was nothing to assess in terms of trait 2 as this form did not include any criteria/calculations

Trait 3

- The automated save method chosen is not appropriate. This method would rely on validation being present in the table and learners **must not** add validation to the tables. There should have been specific validation – see Lead Examiner report, marking guidance and sample solution

The learner did not include the second form.

Add a new supplier Add a new supplier : Com

OnError
Go to Next

Macro Name

RunMenuCommand
Command SaveRecord

☐ If [MacroError]<>0 Then

MessageBox
 Message The record has been saved
 Beep No
 Type Information
 Title Record saved

End If

+ Add New Action

Navigation Pane

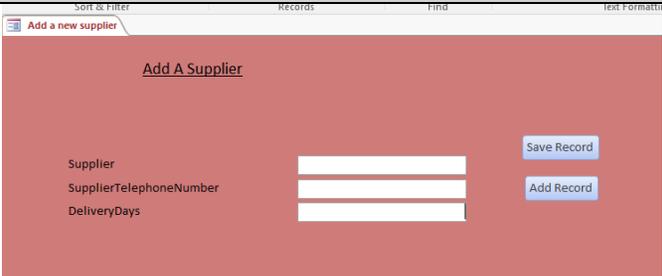
Assessment focus	Band 0	Band 1	Band 2	Band 3	Band 4	Max. mark
Activity 6: Interface and Functionality	0	1-4	5-7	8-10	11-14	14
	No rewardable material	<p>Interface is unclear or provides limited information and there are inconsistencies and inaccuracies in formatting, so a user would experience difficulty in using the database and making maintenance by a third party difficult.</p> <p>Interface may not have details of criteria/calculations required, or these may include inaccuracies.</p> <p>Interface uses minimal validation, checking procedures and automation resulting in a system with limited capacity to reduce errors or handle unexpected events.</p> <p>Interface may not be fully functional and/or may have major errors that prevent the interface from meeting the given criteria.</p>	<p>Interface is clear but there are some inconsistencies and inaccuracies in formatting allowing a user to use the database with minor difficulties and allowing maintenance by a third party with minor difficulties.</p> <p>Interface includes accurate details of some criteria/calculations required.</p> <p>Interface uses some accurate validation, checking procedures and automation, resulting in a system that minimises the most common errors and handles some unexpected events.</p> <p>Interface is functional and meets some of the given criteria with minimal errors.</p>	<p>Interface is clear with minimal inconsistencies and inaccuracies in formatting allowing a user to use the database easily and allowing maintenance by a third party with minor difficulties.</p> <p>Interface includes accurate details of most criteria/calculations required.</p> <p>Interface uses accurate validation, checking procedures and automation, resulting in a system that minimises the majority of errors and handles most unexpected events.</p> <p>Interface is functional with minimal errors and meets the given criteria.</p>	<p>Interface is clear and intuitive, consistently and accurately formatted allowing a user to easily use the database and allowing it to be easily maintained by a third party.</p> <p>Interface includes accurate details of all criteria/calculations required.</p> <p>Interface uses accurate validation, checking procedures and automation throughout, resulting in a robust system that minimises errors and handles unexpected events.</p> <p>Interface is fully functional and fully meets the given criteria.</p>	

Trait	Band	Comments
1	1 Top	The interface is unclear providing limited information (second form is missing) and the form included does not include instructions, suitable labels, asterisk etc. These would all provide information that would help make the form easier to use. Field widths are poor etc. Overall the user would have difficulty using the database as the form given is weak and they would have to use the tables in place of the second form.
2	0	The second form is missing hence there is no evidence of details of any calculations. There were no criteria that needed to be used in this paper.
3	1 Middle	There is no validation present, but the learner has included some automation towards saving a record. A save such as this is suitable for band 1 only and not at the top as no validation attempted at all. The second form is missing so there is no automation in terms of that at all. Therefore, the interface has no validation and minimal automation.
4	1 Middle	Taking the first three traits into account it can be seen that the interface matches the criteria for band 1 in this trait. It is not fully functional and has major errors (no validation, second form missing) that prevents the interface from meeting the given criteria. Middle of the band is appropriate for this trait.
Band	1	Overall there is enough evidence for some marks in band 1. The lack of an attempt at validation and the missing second form really weakens the evidence.
Mark	2	

Activity 7 – Interface Testing, Band 2, 4 Marks

These are the tests the learners were asked to carry out

1. the supplier form is ready for data entry when the form opens
2. the delivery days cannot be above the top of the range
3. the delivery days cannot be below the bottom of the range
4. a record will save in the supplier table if the supplier details are present and valid
5. after the product has been selected and the number delivered input these details should be displayed:
 - cost price
 - selling price
 - current number in stock
6. after the product has been selected and the number delivered input these details should be calculated and displayed:
 - the new number in stock
 - the overall cost for the products in stock
 - the overall sales value for the products in stock.

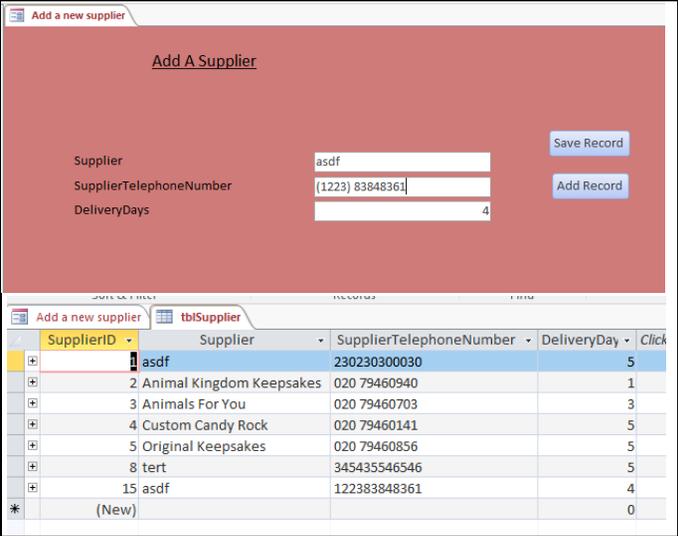
Test No	Type of test (N, R, X)	Test data	Expected results	Add screenshot(s) of the results of this test (and any retests) Ensure you show the test data used in the screenshot(s)	Only complete this column if the results are not as expected Explain the error If you correct the error explain how you have done it including screenshot(s)
1	N	A click	The form will be empty ready for data entry.		
Type	Type of test is correct				
Data	Test data is fine for this particular test				
Expected	Expected results are good				
Actual	Actual results are good				

2	R	7	An error message will appear on screen telling the user to enter a number within the range.	<p>The screenshot shows a web form titled 'Add A Supplier' with three input fields: 'Supplier' (containing 'asdf'), 'SupplierTelephoneNumber' (containing '(1234) 56778890'), and 'DeliveryDays' (containing '7'). A 'Microsoft Access' dialog box is overlaid on the form, displaying an information icon and the message 'Please enter a number within the range' with an 'OK' button.</p>
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Type	Type of test is incorrect. This is extreme testing
Data	The test data is relevant but not specific i.e. what field does it apply to? What is the test data for the rest of the fields
Expected	Relevant to their solution
Actual	Relevant but could have identified the error message could be better i.e. could have told the user the acceptable range to make it easier for them to correct the error

3	R	0	An error message will appear on screen telling the user to enter a number within the range.	<p>The screenshot shows a web form titled 'Add A Supplier' with three input fields: 'Supplier' (containing 'asdf'), 'SupplierTelephoneNumber' (containing '(3332) 91238919'), and 'DeliveryDays' (containing '0'). A 'Microsoft Access' dialog box is overlaid on the form, displaying an information icon and the message 'Please enter a number within the range' with an 'OK' button.</p>
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Type	See above
Data	See above
Expected	See above
Actual	See above

4-6	N	Record saved	A new record will be added to the supplier table.		
Type	Type of tests is fine for all three tests (okay to combine the tests so long as show in the test number column)				
Data	There is no test data given. Should have known what the data would be for all of the fields				
Expected	Expected results are fine				
Actual	Are fine but learner missed an opportunity to pick up on the fact that a save message would have been useful as would clearing the record. Learners no longer need to include a screenprint of the table before the save takes place				

Assessment focus	Band 0	Band 1	Band 2	Band 3	Max Marks
Activity 7: Interface Testing	0	1-2	3-4	5-6	6
	No rewardable material	<p>Testing is too narrow to confirm a working interface, including limited normal, erroneous and/or extreme data.</p> <p>Expected results are generic or mostly inaccurate. Test data may not be present</p> <p>Test results prove that that the database operates under some normal circumstances relevant to the scenario. Test result comments are present when errors have been found. These comments show a limited understanding of any errors that were found.</p>	<p>Testing is adequate to confirm a working interface, including some normal, erroneous and/or extreme data.</p> <p>Expected results are mostly accurate and based on identified test data but may lack detail.</p> <p>Test results prove that that the database operates under some normal circumstances and that the interface can cope with some erroneous and extreme data relevant to the scenario. Test result comments are present when errors have been found. These comments show partial understanding of any errors that were found.</p>	<p>Testing is thorough, including a range of normal, erroneous and extreme data.</p> <p>Expected results are specific and accurate based on identified test data.</p> <p>Test results prove that that the database operates under all circumstances relevant to the scenario. Test result comments are present when errors have been found. These comments show a clear understanding of any errors and how they were fixed.</p>	

Trait	Band	Comments
1	2	Testing is adequate to confirm a working solution. There has been normal and extreme testing carried out (even if misidentified at times). There was no erroneous testing for the learner to carry out in this activity.
2	2	Expected results are accurate though are not always based on appropriately identified test data. Where test data has been given you cannot determine the field nor know what the rest of the fields would contain.
3	2	Test results prove that the database can cope with some normal and extreme data relevant to the scenario. The opportunity to identify the weakness in the actual results of the range testing was missed. This could have been commented upon, rectified and a screenprint of the retest included.
Band	2	Overall there is enough evidence to place the learner at the top of band 2. It is not quite enough to enter band 3 but more than enough for band 1.
Mark	4	

Activity 8 – Interface Evaluation, Band 2, 3 Marks

I think my supplier form is usable and performs well, I think this because when the form is opened, the data is empty and ready to be entered by the user, and I did this by selecting the data entry setting in the property sheet to yes. I used a range check to ensure the data entered by the user for the delivery days was correct, this is so no data below 1 or above 5 could be entered, if the user entered a number that is not in the range, the record won't be saved and an error message will appear on screen telling them to enter a number within the range. Additionally, I used basic validation and format checks for the remaining fields so the record cannot be saved if all of the fields had data entered. Finally, if the user fills out the form and clicks the save record button, the data in the form will be transferred and added to the supplier table and a message will appear on screen telling the user the record has been saved, I did this by using the macro function through the property sheet.

Assessment focus	Band 0	Band 1	Band 2	Band 3	Max. mark
Activity 8: Interface Evaluation	0	1-2	3-4	5-6	6
	No rewardable material	<p>Superficial understanding of relevant technical concepts shown with some inaccuracies.</p> <p>Limited or unsupported justification of the quality, performance and usability of the interface.</p> <p>Limited links between aspects of the solution and the requirements of the scenario.</p> <p>Technical vocabulary is used but it is not used appropriately to support arguments.</p>	<p>Some accurate and relevant understanding of technical concepts shown.</p> <p>Some valid justification, which may lack support of the quality, performance and usability of the interface.</p> <p>Some logical links between aspects of the solution and the requirements of the scenario but may lack clarity.</p> <p>Mostly accurate technical vocabulary is used to support arguments.</p>	<p>Accurate and detailed understanding of relevant technical concepts shown throughout.</p> <p>A valid and fully supported justification of the quality, performance and usability of the interface.</p> <p>Makes logical coherent links between aspects of the solution and the requirements of the scenario throughout.</p> <p>Fluent and accurate technical vocabulary is used to support arguments.</p>	

Trait	Band	Comments
1	2	<p>The supplier form has been evaluated. The delivery form was missing so could not be. There are some good points raised and the learner has tried to incorporate the user into the comments. However, they are mainly describing what has been done from their own point of view. The 'why' in terms of the user is missing. How does this make it easier for the user? What impact does it have?</p> <p>Overall the evidence is better than band 1 but not quite enough for the top of the band due to the lack of 'why' and 'impact'.</p>
2	2	
3	2	
4	2	
Band	2	
Mark	3	