

Unit 2 – Creating Systems to Manage Information January 2020

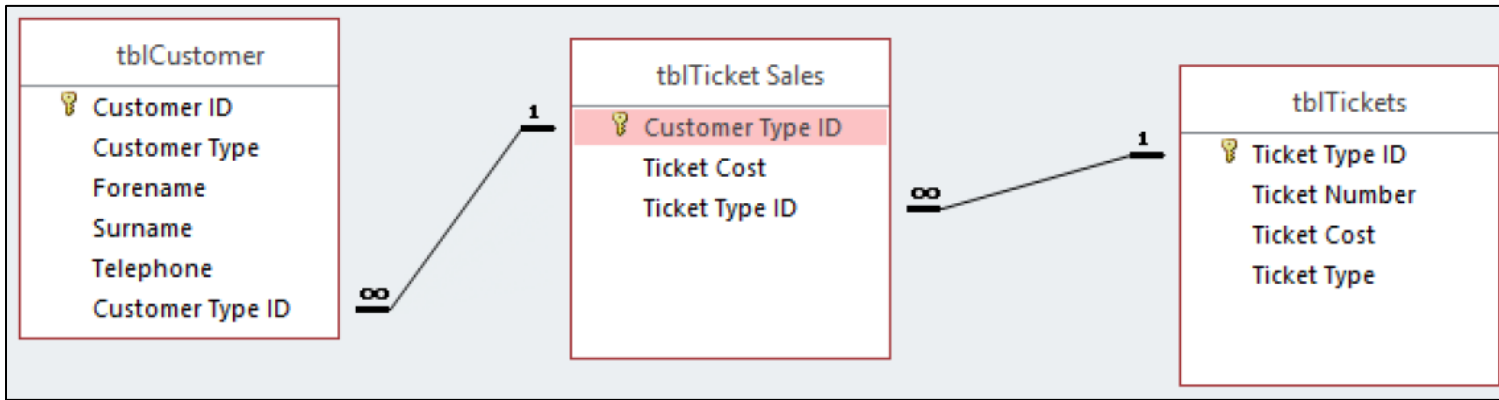
Script B

Activity	Band	Mark	Max Mark
Part A			
1 – Database Relationship Screenprint	1	2	8
2 – Table Structures	4	7	8
3 – Queries and Report	2	4	12
4 – Structure Testing	1	1	6
5 – Structure Evaluation	1	1	6
Part A Total		15	46
Part B			
6 – Interface	2	6	14
7 – Interface Testing	1	1	6
8 – Interface Evaluation	1	1	6
Part B Total		8	26
Overall Total		23	66

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Activity 2 – Table Structures and Validation, Band 4, Marks 7	4
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Activity 8 – Interface Evaluation, Band 1, Marks 1	21

Activity 1 – Database Relationship Screenprint, Band 1, Marks 2



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	1	<ul style="list-style-type: none"> The data extract has not been normalised correctly. There is significant data redundancy. tblCustomer should not have the field Customer Type. The Customer Type table is missing. The Ticket Sales table should not include Customer Type ID or Ticket Cost. The Ticket table should not include Ticket Type. The primary keys are incorrect for the Ticket Sales and Ticket table.
2	1	<ul style="list-style-type: none"> The learner has a relationship between the Customer table and the Ticket Sale table, which is correct, however the primary/foreign key is incorrect therefore the relationship type cannot be classed as correct. The relationship between table Tickets and Ticket Sales does not make sense. Even if tblTicket is taken to be tblTicketType and tblTicketSales taken to be tblTicket there would still only be one relationship line that was correct as it would nullify the relationship line between Customer and Ticket Sales
Band	1	The evidence sits in band 1. Just enough to gain 2 marks.
Mark	2	

Activity 2 – Table Structures and Validation, Band 4, Marks 7

Table Structures

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

Field Name	Data Type
Customer ID	AutoNumber
Customer Type	Short Text
Forename	Short Text
Surname	Short Text
Telephone	Short Text
Customer Type ID	Number

Field Name	Data Type
Customer Type ID	Number
Ticket Cost	Currency
Ticket Type ID	Number

Field Name	Data Type
Ticket Type ID	Number
Ticket Number	Number
Ticket Cost	Currency
Ticket Type	Short Text

Trait 1

- Standard naming conventions have been used for the tables
- Key fields are consistent – ID all uppercase, spaces between words
- Other fields are consistent

Trait 2

- The primary and foreign keys match the learner's relationship screenprint from activity 1

Trait 3

- Telephone is text
- TicketCost is currency
- Primary and foreign counterpart data types match
- All data types suitable

Trait 4 Validation

Presence Check

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

Customer ID	AutoNumber
Customer Type	Short Text
Forename	Short Text
Surname	Short Text
General Lookup	
Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	Is Not Null
Validation Text	You must enter the customer's 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

Telephone	Short Text
General Lookup	
Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	Is Not Null And Like '#####'
Validation Text	Telephone number must be 11 digits

- Whilst learner has not specified a field size the validation rule would only allow 11 digits. This is suitable as a length check. This is one of the text fields mentioned in the requirements for this activity

Format Check

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

Telephone	Short Text
General Lookup	
Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	Is Not Null And Like '#####'
Validation Text	Telephone number must be 11 digits

- Validation rule ##### matches format given in data extract for telephone number

Value Lookup or Range Check

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

Ticket Type	Short Text
General Lookup	
Display Control	Combo Box
Row Source Type	Value List
Row Source	"Friday";"Saturday";"Camping"

- Value lookup is appropriate – one of the requirements implied in the scenario. (see Lead Examiner comments for more information)

Table Lookup

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

Forename	Short Text
General Lookup	
Field Size	255
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	Is Not Null
Validation Text	You must enter the customer's forename

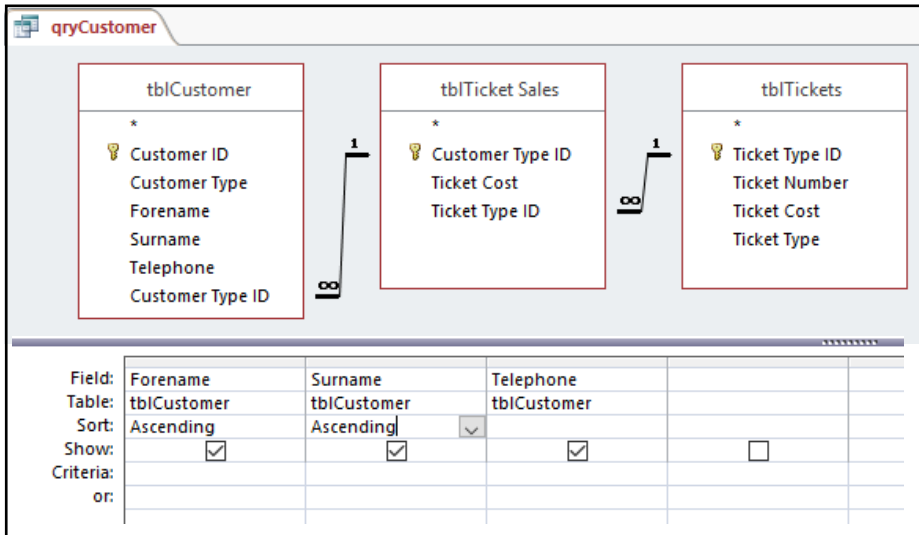
- This is another presence check not a table lookup. A table lookup should be applied to foreign keys.

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	4	<ul style="list-style-type: none"> The learner has ensured that all three tables have been named using 'tbl' and all four follow the same format use of lower/uppercase. There is one table that consists of two words. This has a space, which is fine. It is not inconsistent as none of the other table names involve the use of two words The keys use the same format ID – uppercase for ID, spaces between words. The rest of the fields are consistent with one another.
2	4	<ul style="list-style-type: none"> The primary and foreign keys match the learner's solution from Activity 1. Learners are not double-penalised for incorrect normalisation
3	4	<ul style="list-style-type: none"> All of the data types are correct. Primary/foreign keys match, telephone is short text, ticket cost is currency.
4	3	<ul style="list-style-type: none"> The presence check is accurate and appropriate, the length check is accurate and appropriate, the format check is accurate and appropriate, the value lookup is accurate and appropriate. There is no table lookup.
Band	4	<p>There is enough evidence to place the learner in band 4. The lack of evidence in terms of a table lookup (including evidence that 'Limit to List' would be set to 'Yes' prevents full marks being awarded.</p>
Mark	7	

Activity 3 – Queries and Report, Band 2, Marks 4

- (a) Create a query to display an alphabetically sorted list of regular and new customers. It must show the customer name and telephone number only.



Forename	Surname	Telephone
Mildred	Mitchell	03415610539
Mildred	Mitchell	03415610539

Trait 1

- The query includes three of the four fields required

Trait 2

- Forename and surname have an ascending sort (1 point). Surname, Forename or both were suitable for the sort.
- The criteria required to find regular or new customers is missing

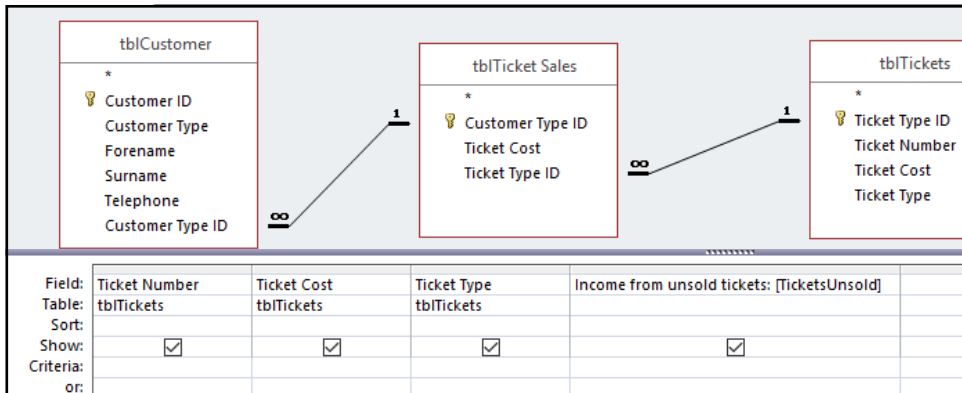
Trait 3

- The ordering of the fields is sensible i.e. telephone as the final column (1 point)
- There is no truncation in either the field names or the data (1 point)
- Only the fields that should be displayed have been displayed (1 point)

(b) Create a query that would allow a user to enter a parameter value for the ticket type when run.

Calculate and display:

- number of tickets unsold
- potential income from unsold tickets.



Ticket Number	Ticket Cost	Ticket Type	Income from unsold ticket:
1000	£39.00	Friday	1
1000	£39.00	Friday	1

Trait 1

- The learner’s equivalent of the CustomerID that could be used to find unsold tickets is missing
- TicketType is present – this is a suitable field for the parameter for the ticket type (1 point)
- There is no readily recognisable field that would be used to calculate the number of tickets sold.
- ‘Income from unsold tickets’ is a suitable field for generating potential income (ignoring [Tickets Unsold])
- This is a very good example of a learner who cannot complete the more challenging aspects but is doing what they can and, in doing so, achieving marks.

Trait 2

- There is no evidence to support trait 2 in this query

Trait 3

- Presentation does not aid readability (in terms of the purpose of the query). However, the data could be understood.
- There is no truncation (1 point)
- The results include irrelevant fields
- There is a suitable field name for what should be the generated field name (1 point)
- Though Ticket Cost has been displayed as currency, the income has not

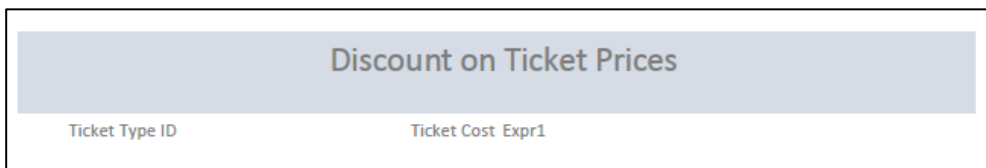
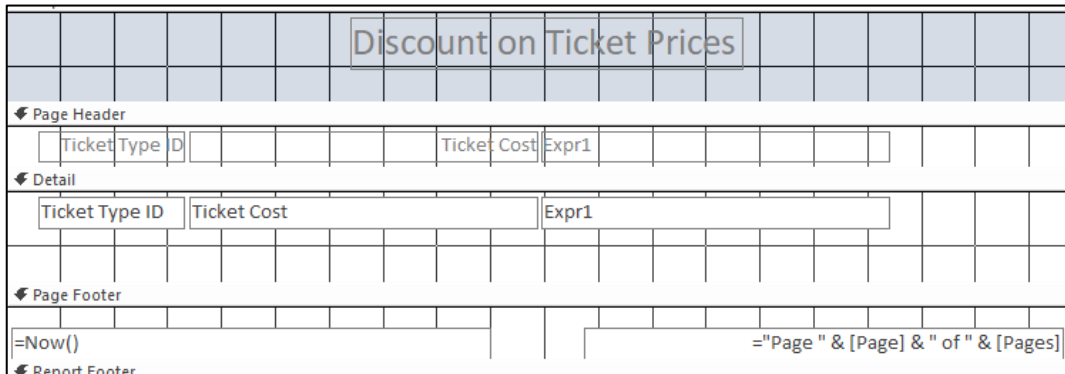
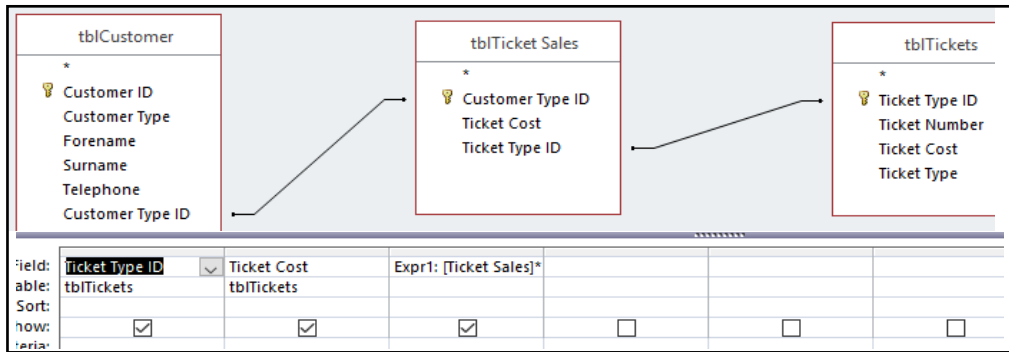
(c) Report – Create a report that shows the effect of having a 3% discount on the ticket price for tickets that have been sold.

Calculate:

- the original income from ticket sales
- the potential discount
- the discounted ticket sales

Display:

- a suitable report title
- the ticket types
- the original ticket sales
- the potential discount
- the discounted ticket sales.



Trait 1

- TicketType field is not present in either the query or report
- There is no readily identifiable field that could be used to find tickets that have been sold
- There is no field/label that is recognisable for ‘original ticket sales’
- There is no field/label recognisable for ‘potential discount’
- There is no field/label recognisable for ‘discount sales’

Trait 2

- There is no evidence to support trait 2 in the report evidence

Trait 3

- The title of the report is appropriate (1 point)
- There is a label that does not make sense ‘Expr1’
- The pdf of the report cannot be classed as showing no truncation or an appropriate layout as there is no data in it from which to make a judgement

Report shown as screenprint for illustration purposes only – the learner did include this as a pdf file.

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>	

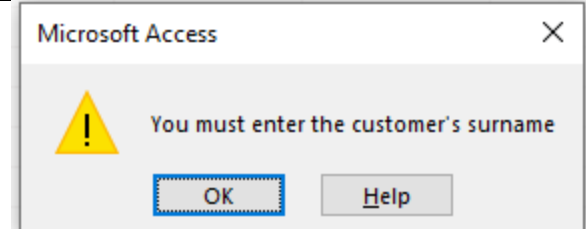
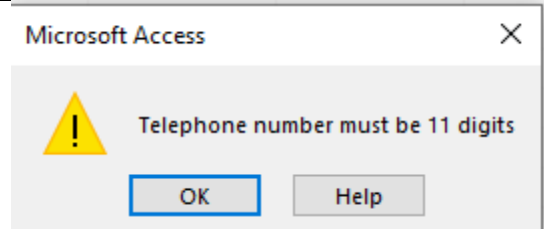
Trait	Band	Comments
1	2 bottom	The learner has included some relevant fields within query A and B. The report was the weakest.
2	1 bottom	From all the criteria and calculations required (including sort) the learner has only included the sort.
3	2 top	<p>Query A fully met requirements in terms of requirements for display. The columns were arranged logically, there was no truncation and the learner had displayed only the fields that were required.</p> <p>Query B did not meet requirements other than there was no truncation and there was a suitable field name for what could potentially be a generated field.</p> <p>The report did not meet requirements other than the title was appropriate.</p> <p>Overall there was just enough evidence to place at the bottom of band 3.</p>
Band	2	It is recognised that learners may not complete both queries and the report. To achieve band 4 the learners must have included both queries and the report. In this instance the learner had attempted all three. There was just enough evidence to award bottom of band 2.
Mark	4	

Activity 4 – Testing, Band 1 , Marks 1

The test specified in the task were

1. a record will not save without the customer’s surname being present
2. a record will not save if the customer telephone number is not in the correct format
3. a record will not save is the customer is assigned an invalid customer type
4. a record will not save it the cost of a ticket is not valid for the type of ticket
5. a record will not save if a ticket sale does not have a valid customer
6. a record will not save if a ticket sale does not have a valid ticket type

The final two columns have been merged in order to see the results clearly – the actual template is A3 size.

Test No	Type	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)
1	N	Testing Customer’s surname is present	Display an error message saying You must enter the customer’s surname	
Type	The type of test is incorrect it should be erroneous.			
Data	There is no test data. This is more like the purpose of the test			
Expected	Expected results are specific i.e. a tester would know that the error message should be specific to the surname			
Actual	Actual results are poor. The learner has not ensured the test data used was also shown in the screenshot			
2	R	Testing Customer’s telephone is in correct format	Display an error stating number must be 11 digits	
Type	The type of test is correct.			
Data	There is no test data. This is more like the purpose of the test			
Expected	Expected results are specific i.e. a tester would know that the error message should be specific to the surname			
Actual	Actual results are poor. The learner has not ensured the test data used was also shown in the screenshot			

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	1	The testing is too narrow to confirm a working solution. Only two tests have been carried out.
2	1	The expected results are specific and accurate though not based on identified test data. However, the range of tests carried out is minimal.
3	1	Test results weakly prove that the database works in some instances
Band	1	There have been few tests carried out and the weaknesses with the evidence given in terms of test data, actual results etc. mean marks higher than 1 cannot be awarded.
Mark	1	

Activity 5 - Evaluation, Band 1, Marks 1

Activity 5 Structure Evaluation

My database has minimised data duplication as I have included the primary key fields as foreign key in one of the other tables. This allows my database to be able to already include data from other tables.

tblTicketSales	tblCustomer
Field Name	Field Name
Customer Type ID	Customer ID
	Customer Type
	Forename
	Surname
	Telephone
	Customer Type ID

The customers in my database are included as different types as they can link as guests of the organiser.

My ticket types are also sorted so that only Friday's tickets can be sold at £39, Saturday's ticket at £49 and two day camping tickets at £88.

Ticket Cost	Ticket Type
£39.00	Friday
£39.00	Friday
£39.00	Friday
£39.00	Friday
£49.00	Saturday
£49.00	Saturday
£49.00	Saturday
£49.00	Saturday
£88.00	Camping
£88.00	Camping
£88.00	Camping

There is nothing that is relevant in terms of minimising data duplication other than the first paragraph. Whilst the structure of the database is not correct the learner recognises that a linking the two tables via primary/foreign keys would minimise data duplication. The fact that there would be data duplication in their customer table has not been noticed.

The requirements have not really been evaluated.

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	1	Overall there is just enough in terms of minimising data duplication to award 1 mark.
2	1	
3	1	
Band	1	
Mark	1	

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

(a)(i)

New Members of Staff
New members of staff will require their surname, job role and their availability.

StaffID: 1
StaffSurname: Robson
StaffForename: Angela
Availability: Friday
JobRole: Bartender

Save Record

Trait 1

Expectations

- Sensible title
- Instructions on how to use, asterisks where data entry is required
- Good labels
- Field widths appropriate, not just default and not all the same size – relevant to the data that will be displayed in them
- Layout good - attempt at house style – alignment of fields, alignment of data in fields, different size font for title compared to data etc
- StaffID disabled
- Combo box for availability
- Combo box for job role
- Save button

Evidence

- The form is relevant to the given purpose
- The form has a sensible title that is relevant to its purpose
- There are instructions on how to use the form
- The StaffID has been disabled to show data entry is not required
- There is an attempt at a house style. The form is not the default layout and has been a minimal attempt to customised it – title etc.
- There are no asterisks to show required data entry
- A save button has been included and there are no unnecessary buttons
- The fields are too wide for the data that will appear in them
- Combo boxes have not been included for availability and job role

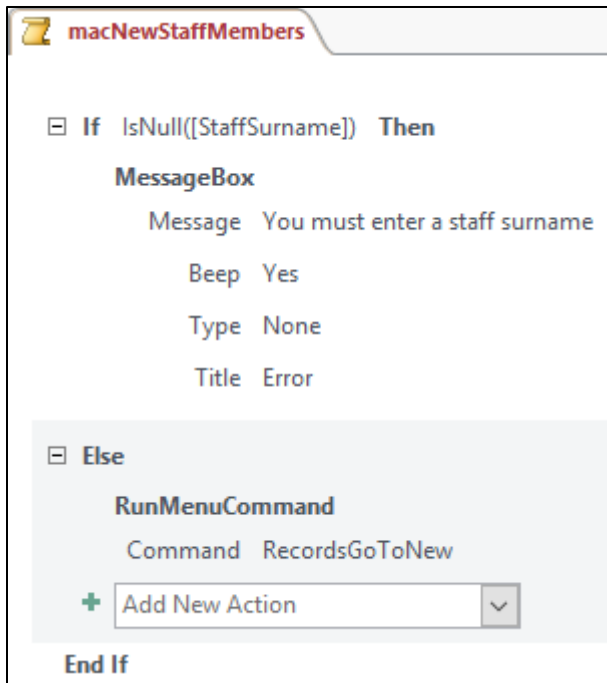
Trait 2

Expectations

- StaffID will be generated (default of AutoNumber is fine for this)

Evidence

- StaffID has been included on the form. The form is bound to tblStaff. Therefore the StaffID would be generated automatically as it is an AutoNumber. The candidate has not done anything on the form on in the macro that would prevent the AutoNumber from being generated e.g. use of DMax and append query including the StaffID field etc.



Trait 3

Expectations

- The form will open at a new record
- Validation will be present to ensure the surname is present, invalid availability and invalid Job Role ID cannot be selected (validation at table level or validation added to properties of field in form design for a presence check is not acceptable. Must be macro or VBA written code)
- Automation of the save process including:
 - appending valid data to the staff table
 - displaying a save message
 - clearing the form ready for next record
 - displaying a suitable error message if the surname is not present

Trait 3 Evidence

- The StaffSurname field includes a presence check and suitable error message
- There is evidence of the save process and the save process. The learner has used the command RecordsGoToNew to move to a new record. If the form contained valid data, then this would append the data on the form into tblStaff. However, the learner has not provided a save message nor cleared the form ready for the next record
- The form does not open at a new record. This could have been credited if the screenprint of the form did not include any data or if the learner had included macro/code to show this happening or equivalent
- There is no evidence to suggest an invalid Job Role ID or Availability could not be selected. See Lead Examiner report, Script A and the sample solution for more information in terms of this

(a)(ii)

Availiable Staff members

New staff members will select their job role (Bartender, Steward, Security) and their availability the days they are in (Friday, Saturday).

JobRoleID	<input type="text" value="1"/>
JobRole	<input type="text" value="Bartender"/>
StaffSurname	<input type="text" value="Robson"/>
StaffForename	<input type="text" value="Angela"/>
Availability	<input type="text" value="Friday"/>

Availiable Staff members	
New staff members will select their job role (Bartender, Steward, Security) and their availability the days they are in (Friday, Saturday).	
Detail	
JobRoleID	JobRoleID
JobRole	JobRole
StaffSurname	StaffSurname
StaffForename	StaffForename
Availability	Availability

```

If IsNull([Job Role]) Then
  ShowAllRecords
  Add New Action
End If

```

Trait 3

Expectations

- The staff list would be updated after both selections are made

Evidence

- There is no evidence in terms of trait 3. The macro code shown is a presence check, which was not required

Trait 1

Expectations

- Sensible title
- Instructions on how to use
- Relevant, consistent, easy to read labels (e.g. spaces)
- Field widths appropriate for data they will hold
- Layout good
- Combo box to select job role
- Combo box to select the day
- All fields disabled other than combo for job role and combo for day
- These generated controls should be on the form (ignore content of fields)
 - Number available
 - Staff availability. Could be list box, combo box, subform etc.

Evidence

- Other than a sensible title there is nothing to support this form be relevant for its intended purpose. The instructions are not relevant. Disabling the JobRoleID is not relevant, there are no drop down boxes for selections, no generated controls, the labels are poor, the field widths are poor etc.

Trait 2

Expectations

- JobRoleID/JobRole - linked to JobRoleID/JobRole selected on the form
- Availability = Combo box should include Friday and Saturday only. Should use what has been selected on the combo box and OR it with "Both Days"
- Number available calculated

Evidence

- There is no evidence in terms of trait 2

Assessment focus	Band 0	Band 1	Band 2	Band 3	Band 4	Max. mark
Activity 6:	0	1-4	5-7	8-10	11-14	14
Interface and Functionality	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	2 bottom	The form to add a member of staff is better than the form for staff availability i.e. it is relevant to its purpose. There is some evidence to suggest relevant customisation has taken place: relevant title, relevant instructions, StaffID disabled as does not require data entry. There is enough to suggest the user would have minor difficulties using the form etc.
2	1 top	Staff form – the StaffID would be generated Availability form – there is no evidence for trait 2 in terms of this form
3	2 top	Staff form - the form does not open at a new record. A valid record would save into the correct table including the incrementation of the StaffID in the table, however, there would be no Save message and the form would not clear ready for the next member of staff. Validation has been applied to the Staff Surname, including a suitable error message. However, validation is missing for Job Role/Job Role ID and Availability. Availability form - there is no evidence for trait 3 in terms of this form
4	2 bottom	Holistically, functionality is band 2 at the bottom.
Band	2	Overall there is enough evidence to award mid mark band 2.
Mark	6	

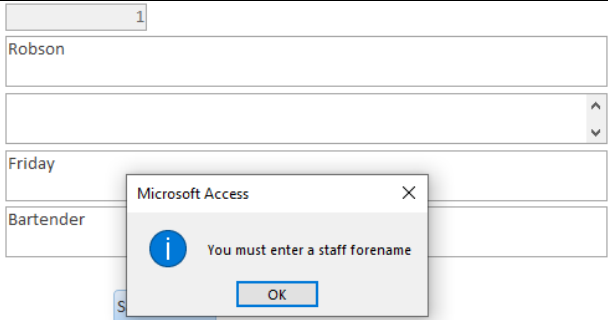
Activity 7 – Interface Testing, Band 1, Marks 1

These are the tests the learners were asked to carry out:

1. the user cannot select an invalid job role on the input form that adds a member of staff
2. the user cannot select invalid availability on the input form that adds a member of staff
3. a record will not save in the staff table without a staff member's forename
4. a record will save in the staff table if the staff member's details are present and valid
5. the correct list of staff members displays when the job role is 'Bartender' and the availability is 'Friday'
6. the correct total number of staff displays when the job role is 'Steward' and the availability is 'Saturday'

The final two columns have been merged in order to see the results clearly – the actual template is A3 size.

Test No	Type	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)
1	N	User can't select an invalid job role when adding a member of staff.	Display an error stating the job role is invalid.	<p>My results were showing unrecognised surnames, forenames and availability when typing in an invalid jobRole.</p>
Type		The type of test is incorrect. This could be X or R – see Lead Examiner reprot		
Data		This is not test data, it is the purpose of the test		
Expected		Relevant		
Actual		Does show the actual results and learner has recognised there is an error. However, the learner has not recognised that this is the wrong form that they are tsetting. It should have been the form to add a member of staff		
Test No	Type	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)
2	N	User can't select invalid availability on input adding a member of staff.	Display and error stating the availability is invalid.	My results for invalid avaiability didn't work correctly and wouldn't display any error available.
Type		The type of test is incorrect this is erroneous testing		
Data		This is not test data it is the purpose of the test		
Expected		Relevant		
Actual		No actual results. Cannot see form or data used etc.		

Test No	Type	Test data	Expected results	Add screenprint(s) of the results of this test (and any retests) Ensure you show the test data used in the screenprint(s)
3	R	Record will only save if a staff's forename is present	Display an error stating you must enter a staff's forename.	
Type		The type of test is correct		
Data		This is not test data it is the purpose of the test		
Expected		Expected results are good		
Actual		Clear screenprint including test data though the test data was not identified		

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	1	Testing is too narrow to confirm a working solution. There is only one test where the actual results prove that the interface performs as expected. Test data is very weak i.e. sounds more like the purpose of the tests. Expected results are better but the majority of actual results is missing and there are very few tests.
2		
3		
Band	1	Overall the evidence sits at the bottom of band 1.
Mark	1	

Activity 8 – Interface Evaluation, Band 1, Marks 1

Activity 8

I think my database is good.

You can add a member of staff and it will display an error message if the staff surname is not present. This is good for the user as it means they know what the error is and they will now they have to add the name.

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	1	There is very little in the evaluation that is markworthy. However, what the learner has said about the validation is relevant and the user has been considered as part of the comments.
2		
3		
Band	1	
Mark	1	