



Level 3 National in Information Technology

January 2021

Activity 6 Marking Guidance and Marked Examples

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Activity 6 – Interface and functionality (70 mins)

How examiners must approach marking this activity

Trait 1

This is all about how the forms look, how easy they would be to use and how relevant they are to the scenario and tasks.

Add art form

- Sensible title
- Instructions on how to use, asterisk(s) where data entry is required
- Field widths appropriate for data they will hold
- Layout good
- ArtID disabled
- Relevant, consistent, easy to read labels (e.g., spaces)
- Save button

Sales and rating form

- Sensible title
- Instructions on how to use, asterisk(s) where data entry is required
- Relevant, consistent, easy to read labels (e.g., spaces)
- Field widths appropriate for data they will hold
- Layout good
- Combo box to select the Artist
- Combo box to select the Rating
- All fields disabled other than combo for Artist and combo for Rating
- These generated fields should be on the form (ignore content of fields)
 - Artist's email (linked to ArtistID/Artist)
 - Total number of pieces of art (linked to ArtistID/Artist)
 - The highest price for a piece of art (linked to ArtistID/Artist)
 - The lowest price for a piece of art (linked to ArtistID/Artist)
 - The number of pieces of art sold (linked to ArtistID/Artist and sold)
 - The total amount of money made from sales (linked to ArtistID/Artist and sold)

Band	Comments
1	<ul style="list-style-type: none"> • Do not reflect their purpose • Are mostly/default • Are not user friendly: <ul style="list-style-type: none"> ○ Default titles, labels, field widths ○ No data input aids ○ No disabled fields ○ House style does not exist ○ Layout poor
2	<ul style="list-style-type: none"> • Better matched to purpose • Not all default based on wizard • Are more user friendly (will include some of these): <ul style="list-style-type: none"> ○ titles relevant to purpose ○ data input aids present e.g., asterisks, instructions though may not use combo boxes for Artist and Rating ○ disabled fields ○ field widths not left at default though may not be entirely sensible ○ some labels amended from default where appropriate ○ Layout good in places

	3	<ul style="list-style-type: none">• Add art form fully matches purpose• Mostly user friendly (do not need all of these but a very good attempt):<ul style="list-style-type: none">○ relevant titles○ some data input aids e.g., asterisks, instructions, combo boxes○ field widths sensible○ some of the artist information shown○ some of the fields for calculations shown○ some disabled fields○ layout mostly good										
	4	<ul style="list-style-type: none">• Add art form fully matches purpose• Sales analysis and rating form is user friendly (most if not all):<ul style="list-style-type: none">○ relevant titles○ data input aids present where suitable including combo boxes for Artist and Rating (sales and rating form)○ all field widths sensible○ all fields that should be automatically generated disabled○ consistent house style for both forms○ layout very good										
Trait 2	<p>Add art form</p> <ul style="list-style-type: none">• ID would be generated (default of AutoNumber is fine for this) <p>Sales analysis and rating form</p> <p><i>Criteria</i></p> <ul style="list-style-type: none">• All fields - linked to ArtistID/Artist combo box• ONLY Number Sold and Total Sales links to art that has been sold <p><i>Calculations</i></p> <ul style="list-style-type: none">• Total number of pieces of art• Highest Selling Price• Lowest selling price• Number of pieces sold• Total amount of money made from sales <table><tr><th>Band</th><th>Comments</th></tr><tr><td>1T</td><td><ul style="list-style-type: none">• ArtID automatically generated</td></tr><tr><td>2T</td><td><ul style="list-style-type: none">• ArtID automatically generated• Sales analysis and rating form – some attempt has been made but little works. These are examples only. Best fit<ul style="list-style-type: none">○ Three attempted, one correctly working or○ Two correctly working</td></tr><tr><td>3T</td><td><ul style="list-style-type: none">• ArtID automatically generated• Sales analysis form, quite a good attempt. For example, three correctly working</td></tr><tr><td>4T</td><td><ul style="list-style-type: none">• ArtID automatically generated• Sales analysis form. Majority/all working. For example, the full seven attempted, six correctly working</td></tr></table>		Band	Comments	1T	<ul style="list-style-type: none">• ArtID automatically generated	2T	<ul style="list-style-type: none">• ArtID automatically generated• Sales analysis and rating form – some attempt has been made but little works. These are examples only. Best fit<ul style="list-style-type: none">○ Three attempted, one correctly working or○ Two correctly working	3T	<ul style="list-style-type: none">• ArtID automatically generated• Sales analysis form, quite a good attempt. For example, three correctly working	4T	<ul style="list-style-type: none">• ArtID automatically generated• Sales analysis form. Majority/all working. For example, the full seven attempted, six correctly working
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Trait 3	<p>This trait is about validation and automation.</p> <p>Add art form</p> <ul style="list-style-type: none"> • Opens at a new record • Validation to ensure the art name is present and selling price is within the range • Saving includes: <ul style="list-style-type: none"> ◦ appending valid data to the art table ◦ displaying a save message ◦ displaying a suitable error message if the surname is not present or the selling price is out of range <p>Sales analysis and rating form</p> <ul style="list-style-type: none"> • After each ArtistID/Artist has been selected, the form would update to show: <ul style="list-style-type: none"> ◦ the artist's email ◦ the total number of pieces of art ◦ the highest price for a piece of art ◦ the lowest price for a piece of art ◦ the number of pieces sold ◦ the total amount of money made from sales <table border="1" data-bbox="280 902 1469 1442"> <thead> <tr> <th>Band</th><th>Comments</th></tr> </thead> <tbody> <tr> <td>1</td><td> <p>Art form</p> <p>Will be a form that may not reflect its purpose – assigning a piece of art to an artist.</p> <ul style="list-style-type: none"> • May not open at a new record • ArtID automatically generated • Save button present but no indication of how the save will be carried out • Will be mostly default </td></tr> <tr> <td>2</td><td>Will have had a good attempt at the art form or weaker attempts at both forms</td></tr> <tr> <td>3</td><td>Will have had a good attempt at the art form and a good attempt at the sales analysis form</td></tr> <tr> <td>4</td><td>Very little, if anything will not have been evidenced.</td></tr> </tbody> </table>	Band	Comments	1	<p>Art form</p> <p>Will be a form that may not reflect its purpose – assigning a piece of art to an artist.</p> <ul style="list-style-type: none"> • May not open at a new record • ArtID automatically generated • Save button present but no indication of how the save will be carried out • Will be mostly default 	2	Will have had a good attempt at the art form or weaker attempts at both forms	3	Will have had a good attempt at the art form and a good attempt at the sales analysis form	4	Very little, if anything will not have been evidenced.
Band	Comments										
1	<p>Art form</p> <p>Will be a form that may not reflect its purpose – assigning a piece of art to an artist.</p> <ul style="list-style-type: none"> • May not open at a new record • ArtID automatically generated • Save button present but no indication of how the save will be carried out • Will be mostly default 										
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3	Will have had a good attempt at the art form and a good attempt at the sales analysis form										
4	Very little, if anything will not have been evidenced.										
Trait 4	This trait is about functionality and is automatically awarded based on the other three traits.										

Example A

Art form

Trait 1 – Appearance and potential ease of use

Title	The title is relevant to the purpose of the form
User aids	<ul style="list-style-type: none"> There are instructions on how to use the form The ArtID (generated field) has been disabled ArtistID and Status are combo boxes There are asterisks showing where date entry is required Very good user aids
Labels	All the labels are suitable i.e., spaces where there is more than one word – slight weakness in that the p in piece is lowercase, this is different to the rest. Fine for ID to use uppercase
Field widths	All the field widths are appropriate for the data that would possibly be input
Save button	There is a save button present
Overall	Overall, the appearance and potential ease of use is fit for purpose

Trait 2 – Calculations and criteria

ArtID generated	The ArtID and a save button can be seen on the form. The database was given to the candidates and the ArtID is an AutoNumber field, therefore this is enough to award the automatic generation of the ArtID. If the ArtID and/or save button were missing then the macro/code would need to be examined to see whether there is a save command or equivalent to award this.
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Trait 3 – Validation and automation

frmAddArt frmAddArt : cmdSave : On Click

```

If IsNull([ArtName]) Then
    MsgBox
        Message Please enter the name of this piece of art
        Beep Yes
        Type None
        Title Missing Data
    
```

```

Else If [SellingPrice]<1000 Then
    MsgBox
        Message Please enter a value between 1000 and 2000
        Beep Yes
        Type None
        Title Value to low

Else If [SellingPrice]>2000 Then
    MsgBox
        Message Please enter a value between 1000 and 2000
        Beep Yes
        Type None
        Title Value to high
    
```

```

Else
    RunMenuCommand
        Command SaveRecord
    MsgBox
        Message New piece of art has been added!
        Beep Yes
        Type None
        Title Art Added!

    GoToRecord
        Object Type Form
        Object Name frmAddArt
        Record New
        Offset

End If
    
```

frmAddArt frmAddArt : Form : On Load

```

GoToRecord
    Object Type Form
    Object Name frmAddArt
    Record New
    Offset

+ Add New Action
    
```

ArtID generated	The ArtID has been automatically generated (see Trait 2)
Opens at a new record	The candidate has included a screenprint of a macro that show moving to a new record as the form opens. Evidence could also take the form of a blank form shown in form view, the form properties being shown to allow Data Entry etc.
Presence check (min ArtName)	IsNull has been used to force a presence check on the art name and there is also a suitable error message. Note: a validation rule added to the properties on the ArtName field is not acceptable
Range check on SellingPrice	The two Else If statements cover both ends of the range. A suitable error message is present for both. Note: a validation rule and validation text added to the properties of the SellingPrice field is also acceptable
Save	<p>A save command can be seen (next, new, close form and save etc. are all appropriate). There is also a suitable save message and the form is cleared ready for the next record.</p> <p>The save can be classed as fully working as it does not take place independently of the If, Else IF statements i.e., there is an Else statement. Independent statements are fine if you can be sure the macro would stop if an error encountered e.g., Stop All Macros</p>

Sales analysis and rating form

The form is titled 'Analyse A Artist' and is part of a system called 'frmAnalyse'. It contains the following fields and values:

- Artist ID: 7 (selected from a dropdown menu)
- Email: Notl@canru.com
- Number of Pieces: 7
- Max Price: £843.00
- Minimum Price: £124.00
- Total Value: £3,310.00

The Artist ID dropdown menu is open, showing a list of artists with their IDs:

Artist ID	Artist Name
7	Notley
8	Burles
9	Ulliyatt
10	Kernocke
11	Twitty
12	Haylor
13	Loddon
14	Normanv
15	Cotes
16	Halton
17	MacKomb
18	Assandri
19	McGrouth
20	Billyard
21	Botley
22	Ceci

Trait 1 – Appearance and potential ease of use

Title	The title is relevant to the purpose of the form
User aids	User aids are weaker on this form. Even though this form does not include validation (as they are only tested once on this), the candidates should consider user aids that would be needed. Whilst the candidate has provided a combo box to select the artist and has disabled the generated fields, there are no instructions on how to use the form, there is no method of inputting a rating and there should have been an asterisk on Artist ID (Rating too if it had been included)
Labels	All the labels are suitable i.e., spaces where there is more than one word
Field widths	All the field widths are appropriate for the data that would possibly be input
Overall	Overall, the appearance and potential ease of use is partially fit for purpose considering the weakness mentioned.

Trait 2 – Calculations and criteria

Artist link	<p>All generated fields should link to the artist selected.</p> <p>The evidence can be classed as an attempt to link to the artist. The reason for this is that the email can be seen to link to the combo box and tblArtist, a query has obviously been used for the calculations, but the candidate has not included a design view screenprint of the query nor evidence of the source of the combo box.</p>
Sold art link	<p>Only the Total number sold, and the Total money sales should be linked to art that has been 'sold'</p> <p>There is no evidence to suggest this has been considered.</p>
Total number of pieces	Because the DLookup is looking up to a field name that sounds reasonable in this context this can be classed as an attempt at the calculation
Highest selling price	Because the DLookup is looking up to a field name that sounds reasonable in this context this can be classed as an attempt at the calculation
Lowest selling price	Because the DLookup is looking up to a field name that sounds reasonable in this context this can be classed as an attempt at the calculation
Total number sold	There is no evidence to support this
Total money (sales)	Because the DLookup is looking up to a field name that sounds reasonable in this context this can be classed as an attempt at the calculation

Trait 3 – Validation and automation

Candidates are not penalised again for calculations that do not work as expected. Automation can be awarded if a reasonable attempt has been made at the calculations/you can see data in them that looks reasonable etc.

Artist's email	The attempt to link was reasonable and the email can be seen. This can be classed as displaying
Total number of pieces	The attempt to link was reasonable, the calculation looked reasonable and data can be seen. This can be classed as displaying
Highest selling price	The attempt to link was reasonable, the calculation looked reasonable and data can be seen. This can be classed as displaying
Lowest selling price	The attempt to link was reasonable, the calculation looked reasonable and data can be seen. This can be classed as displaying
Total number sold	There is no evidence to support this
Total money (sales)	The attempt to link was reasonable, the calculation looked reasonable and data can be seen. This can be classed as displaying
Form refreshes	There is no evidence to suggest the form would refresh if another artist were selected

Trait				Awarded	
1	2	3	4	Band	Mark
4M	2B	4M	3M	3T	10

Comments	
Trait 1	The add user form is fully fit for purpose. The sales analysis and rating form is weaker but does include three user aids. There is enough to suggest a house style has been attempted. Mid band 4 appropriate.
Trait 2	The ArtID has been generated for the Art form. The analysis form is weaker with nothing that could be classed as fully working though some attempts had been made. The evidence fits best at the bottom of band two.
Trait 3	Most of the automation and validation has been evidenced for the art form (range check is not fully appropriate). Most of the automation is present for the analysis form other than the display of the number of pieces of art sold and the form refreshing after a selection has been made. The evidence is better than band 3 i.e., most appropriate mid band 4.
Trait 4	Overall, based on the other three traits there is enough evidence to suggest band 3.
Overall	Taking all traits into account the evidence sits best at the top of band 3.

Example B

frmA

Add New Art

Use this form to add a new peice of art, fill in the fields marked '*' and press 'Save Record' to save the new art onto the database.

ArtName: Sorrow *

SellingPrice: 1233 *

ArtistID: 8

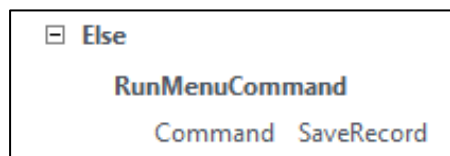
Save Record

Trait 1 – Appearance and potential ease of use

Title	The title is relevant to the purpose of the form
User aids	<ul style="list-style-type: none">There are instructions on how to use the formThere are asterisks showing where some of the data entry is requiredHowever, it does not make sense to disable the ArtistID as the artist should be selected. Reasonable use of user aids
Labels	The labels are not suitable. No attempt has been made to aid readability of them
Field widths	None of the field widths are fully appropriate and the depth of the ArtName field is inappropriate. The SellingPrice and ArtistID are too wide.
Save button	There is a save button present
Overall	Overall, the appearance and potential ease of use is partially fit for purpose

Trait 2 – Calculations and criteria

ArtID generated	Whist a save button can be seen the candidate has not included the ArtID field on the form. Further digging needs to be done to see whether this can be awarded. Checking the macro, a save command can be seen. The ArtID is an AutoNumber therefore it would increment automatically, and this can be classed as working.
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BTEC Unit 2 Creating Systems to Manage Information
January 2021
Activity 6 – Marking Guidance

Property Sheet
Selection type: Text Box

Property	Value
Control Source	ArtName
Text Format	Plain Text
Input Mask	
Default Value	
Validation Rule	Is Not Null
Validation Text	You must enter the art name
Filter Lookup	Database Default
Enabled	Yes
Locked	No

Property Sheet
Selection type: Text Box

Property	Value
Control Source	SellingPrice
Text Format	Plain Text
Input Mask	
Default Value	
Validation Rule	Between 100 And 1500
Validation Text	You must enter a price within the suitable range
Filter Lookup	Database Default
Enabled	Yes
Locked	No

frmA : Command7 : On Click

```

If IsNull([ArtName]) Or IsNull([SellingPrice]) Then
    MsgBox "Please enter the art name and selling price"
    Beep Yes
    Type None
    Title Invalid Record
Else
    RunMenuCommand SaveRecord
    MsgBox "Your record has been saved"
    Beep Yes
    Type None
    Title Record Saved
    GoToRecord
    Object Type
    Object Name
    Record Next
    Offset
    
```

Trait 3 – Validation and automation

ArtID generated	The ArtID has been automatically generated (see Trait 2)
Opens at a new record	There is no evidence to suggest the form opens at a new record. The form view shows data already present and there is no macro/code/properties to suggest this has been done.
Presence check (min ArtName)	The candidate would not have achieved credit for this as it would not work. However, they have gone on to apply a presence check in their macro, which does include a suitable error message. This is fully working.
Range check on SellingPrice	A range check applied to the property of the field would be fine, however, the range is incorrect.
Save	<p>A save command can be seen and a suitable save message. The form is cleared ready for the next record.</p> <p>The save is fully working as it does not take place independently of the If, statement i.e. there is an Else statement. The candidate is not being penalised again for the incorrect range.</p>

tbiArt

Add an Artist Rating and Analyse Sales

Use this form to select an artist surname which will generate their information, Fill in all fields required marked with an '*'

Artist Surname: *

Artist Rating:

Artist Email:

Selling Price:

Highest Price Sold:

Lowest Price Sold:

Total Amount Made:

Detail

Artist Surname	ArtistSurname	*
Artist Rating	ArtistRating	
Artist Email	ArtistEmail	
Form Footer		
Selling Price	SellingPrice	
Highest Price Sold	=Max([SellingPrice])	
Lowest Price Sold	=Min([SellingPrice])	
Total Amount Made	=Sum([SellingPrice])	

Trait 1 – Appearance and potential ease of use

Title	The title is relevant to the purpose of the form
User aids	There are instructions and an asterisk present. The candidate has not considered <ul style="list-style-type: none"> generated fields should be disabled the user should be able to select the artist and rating the rating is a required input
Labels	All the labels are suitable i.e., spaces where there is more than one word
Field widths	Only the artist surname field has a suitable width
Overall	Overall, the appearance and potential ease of use is partially fit for purpose considering the weakness mentioned.

Trait 2 – Calculations and criteria

Artist link	All generated fields should link to the artist selected. The evidence can be classed as an attempt to link to the artist. This is because the form is bound . However, there is no method to select an artist, what you see is what you would get for that artist only. Changing the artist surname would not link to another artist, rather it would change the surname of the current artist.
Sold art link	There is no evidence to suggest this has been considered
Total number of pieces	There is no evidence to suggest this has been considered
Highest selling price	Max is a suitable method to find the highest price due to the form being bound
Lowest selling price	Min is a suitable method to find the highest price due to the form being bound
Total number sold	There is no evidence to support this
Total money (sales)	This can be classed as an attempt; Sum is appropriate due to the form being bound, however, there is no evidence to suggest this will return a total only for the art that has been sold

Trait 3 – Validation and automation

Artist's email	The attempt to link was weak but enough to class this as displaying
Total number of pieces	There was no evidence to support this
Highest selling price	The calculation worked that is enough to say there is evidence to support this
Lowest selling price	The calculation worked that is enough to say there is evidence to support this
Total number sold	There is no evidence to support this
Total money (sales)	The attempt to link was reasonable, the calculation looked reasonable and data can be seen. This can be classed as displaying
Form refreshes	There is no evidence to suggest the form would refresh if another artist were selected

Trait				Awarded	
1	2	3	4	Band	Mark
2T	3M	3T	3B	3M	9

Comments	
Trait 1	<p>The add user form is partially fit for purpose. The labels and field widths were weak.</p> <p>The analysis form was also partially fit for purpose. Title and labels were fine, there was at least one user aid and at least one field width appropriate.</p> <p>Best placed at the top of band 2</p>
Trait 2	<p>The ArtID has been generated for the art form.</p> <p>The analysis form is weaker though there has been an attempt to link the fields to the artist (bound form but no method of selecting another artist), Min and Max used appropriately and an attempt at the total money (sales).</p> <p>Overall enough evidence to suggest mid mark band 3.</p>
Trait 3	<p>Most of the automation and validation has been evidenced for the art form (opening at a new record missing, range check is not fully appropriate).</p> <p>Most of the automation and validation has been evidenced for the analysis form. Taking the attempts at the calculations into account and the fact that data could be seen on the form that looked reasonable (total pieces of art, number of pieces of art sold were missing, no evidence of the form refreshing)</p> <p>Best placed at the top of band 3.</p>
Trait 4	Overall, based on the other three traits there is enough evidence to suggest the bottom of band 3.
Overall	Taking all traits into account the evidence sits best mid band 3.

Example C

Trait 1 – Appearance and potential ease of use

Title	The title is relevant to the purpose of the form
User aids	There is one user aid present – the combo box for artist name
Labels	The labels are not suitable. No attempt has been made to aid readability of them
Field widths	The artist name field width is just about appropriate
Save button	There is a save button present
Overall	Overall, the appearance and potential ease of use is partially fit for purpose

Trait 2 – Calculations and criteria

ArtID generated	Whilst a save button can be seen the candidate has not included the ArtID field on the form. Further digging needs to be done to see whether this can be awarded. Checking the macro, a save command can be seen. The ArtID is an AutoNumber therefore it would increment automatically, and this can be classed as working.
------------------------	--

```
RunMenuCommand
Command SaveRecord
```

BTEC Unit 2 Creating Systems to Manage Information
January 2021
Activity 6 – Marking Guidance

OnError

Go to Next

Macro Name

RunMenuCommand

Command SaveRecord

If [MacroError]<>0 Then

MessageBox

Message =[MacroError].[Description]

Beep Yes

Type None

Title

End If

MessageBox

Message Your art has been saved!

Beep Yes

Type Information

Title SaveArt

+ Add New Action

Combo7

Format Data Event Other All

Control Source ArtistSurname

Row Source SELECT [tblArtist].[ArtistID], [tblArtist].[ArtistSurname] FROM tblArtist ORDER BY [ArtistSurname];

Row Source Type Table/Query

Bound Column 1

Limit To List Yes

Allow Value List Editing No

ArtName

Format Data Event Other All

Control Source ArtName

Text Format Plain Text

Input Mask

Default Value

Validation Rule Is Not Null

Validation Text You must enter a piece of art!

Filter Lookup Database Default

Enabled Yes

Locked No

Property Sheet

Selection type: Text Box

SellingPrice

Format Data Event Other All

Control Source SellingPrice

Text Format Plain Text

Input Mask

Default Value

Validation Rule Between 100 And 2000

Validation Text Enter a selling price between 1000 and 2000!

Filter Lookup Database Default

Enabled Yes

Locked No

Trait 3 – Validation and automation

ArtID generated	The ArtID has been automatically generated (see Trait 2)
Opens at a new record	The screenprint of the form in form view shows that the record is clear. This is enough to evidence the form opening at a new record.
Presence check (min ArtName)	There is no evidence to support a working presence check. A presence check added to the field's property is not suitable.
Range check on SellingPrice	There is evidence of the correct range and a (just about) suitable error message. The candidate has incorrectly used the range 1000 to 2000 in the error message.
Save	A save command can be seen and a message. However, the message is independent of the save command. This can be classed as working but not totally appropriate.

Sales analysis and rating form

Trait 1 – Appearance and potential ease of use

Title	The title is relevant to the purpose of the form
User aids	There is only one user aid – the combo box to select the artist
Labels	There is an attempt to make the Artist's surname label readable but no attempt on the rest.
Field widths	The depth of the Artist's surname field is inappropriate. Some are ok.
Overall	Overall, the appearance and potential ease of use is partially fit for purpose considering the weakness mentioned.

Trait 2 – Calculations and criteria

Artist link	The form is bound so the email can be classed as a weak attempt to link the field to the Artist/ArtistID
Calculations etc.	There is no evidence to suggest anything else has been considered

Trait 3 – Validation and automation

Artist's email	The attempt to link was weak but enough to class this as displaying
Rest of the display	There is no evidence to support any further display of automated information
Form refreshes	There is no evidence to suggest the form would refresh if another artist were selected

Trait				Awarded	
1	2	3	4	Band	Mark
2T	2B	2M	2B	2M	6

Comments	
Trait 1	<p>The add artist form is partially fit for purpose. There was only one user aid. The labels were not suitable and some of the field widths were weak. The form was partially fit for purpose.</p> <p>Best placed at the top of band 2.</p>
Trait 2	<p>The ArtID has been generated for the art form.</p> <p>There was very little evidence to support this trait in terms of the analysis form. There was very weak evidence of the email linking to the artist.</p> <p>Overall enough evidence to suggest the bottom of band 2.</p>
Trait 3	<p>The evidence was stronger for the art form though there were weaknesses – no working presence check, incorrect range used in the error message and the save message was independent of the save actions.</p> <p>Very little evidence in terms of the analysis form other than weak evidence to suggest the email address would display for a selected artist.</p> <p>Best placed mid mark band 2.</p>
Trait 4	<p>Overall, based on the other three traits there is enough evidence to suggest the bottom of band 2.</p>
Overall	<p>Taking all traits into account the evidence sits best mid band 2.</p>

Example D

Trait 1 – Appearance and potential ease of use

Title	The title is relevant to the purpose of the form
User aids	<ul style="list-style-type: none"> There are instructions on how to use the form There are asterisks showing where some of the data entry is required There is a drop down box to select the ArtistID and the candidate has shown the source of the combo box This candidate chose to include the status so this should have really been a combo too. The colour (blue) of the background of the disabled field makes it hard to determine whether it has been disabled or not
Labels	The labels are suitable in terms of readability
Field widths	The art name field can be classed as being an appropriate width
Save button	There is a save button present
Overall	Overall, the appearance and potential ease of use is partially fit for purpose

Trait 2 – Calculations and criteria

ArtID generated	The ArtID and save button can be seen on the form – this is enough evidence to class the ArtID as being automatically generated.
------------------------	--

Trait 3 – Validation and automation

McrSaveArt

```

If IsNull([Forms]![frmNewArt]![ArtName]) Then
    MsgBox
        Message Please enter an artists name
        Beep No
        Type Warning!
        Title ArtEmpty

Else If IsNull([Forms]![frmNewArt]![SellingPrice]) Then
    MsgBox
        Message Please enter a selling price
        Beep No
        Type Warning!
        Title PriceEmpty

Else If IsNull([Forms]![frmNewArt]![Combo22]) Then
    MsgBox
        Message Please select an artist from the list
        Beep No
        Type Warning!
        Title ArtistEmpty

Else If IsNull([Forms]![frmNewArt]![Status]) Then
    MsgBox
        Message Please enter the art satys
        Beep No
        Type Warning!
        Title StatusFmmtv

Else
    RunMenuCommand
        Command SaveRecord
    MsgBox
        Message Saved Record
        Beep No
        Type Warning!
        Title Save

End If
  
```

ArtID generated	The ArtID has been automatically generated (see Trait 2)
Opens at a new record	There is no data showing in the fields of the form so this can be classed as ready for data entry.
Presence check (min ArtName)	The candidate has applied a presence check in their macro, the error message is weak though – says artist not art name
Range check on SellingPrice	A range check applied to the property of the field and it does include a suitable error message
Save	<p>A save command can be seen and a suitable save message.</p> <p>The save is fully working as it does not take place independently of the If, Else If statements i.e. there is an Else statement.</p>

Selection type: Text Box

SellingPrice

Format	Data	Event	Other	All
Control Source	SellingPrice			
Text Format	Plain Text			
Input Mask				
Default Value				
Validation Rule	Between 100 And 2000			
Validation Text	A piece of art can only be between £100 to £2000			
Filter Lookup	Database Default			
Enabled	Yes			
Locked	No			

Analysis of artist

Select an artist and information will appear underneath, then give a rating on this information.

ArtistID * ArtistRating *

ArtistID	ArtistEmail	TotalArt	LowestPrice	HighestPrice	ArtSold	MoneyFromSales

Record: 1 of 1 No Filter Search

Trait 1 – Appearance and potential ease of use

Title	The title is relevant to the purpose of the form
User aids	There are instructions and asterisks present for data entry. There are combo boxes to select the ArtistID and the ArtistRating It cannot be determined whether the generated fields are disabled
Labels	The labels do not aid readability
Field widths	The field widths are weak.
Overall	Overall, the appearance and potential ease of use is partially fit for purpose. There are weaknesses in the sub form e.g., ArtistID appearing again

Analysis of artist

Select an artist and information will appear underneath, then give a rating on this information.

ArtistID * ArtistRating *

ArtistID	ArtistEmail	TotalArt	LowestPrice	HighestPrice	ArtSold	MoneyFromSales
1	Gyrgorcewi@canru.com	4	£100.00	£702.00	4	£6,184.00

Record: 1 of 1 No Filter Search

ArtistID * ArtistRating *

ArtistID	ArtistEmail	TotalArt	LowestPrice	HighestPrice	ArtSold	MoneyFromSales

Record: 1 of 1 No Filter Search

BTEC Unit 2 Creating Systems to Manage Information
January 2021
Activity 6 – Marking Guidance

The image displays two Microsoft Access queries and their corresponding datasheets. The first query, 'qryArtSold', shows a table with columns: ArtistID, ArtSold, Status, Count, and MoneyFromSales. The second query, 'qryTotalArt', shows a table with columns: ArtistID, ArtistEmail, TotalArt, LowestPrice, and HighestPrice. Both queries are linked to the ArtistID field in the tblArtist table. The criteria for both queries are set to '[Forms]![frmAnalysisOfArtist]![Combo0]'. The datasheet for 'qryArtSold' shows 4 sold items for an artist, totaling £6,184.00. The datasheet for 'qryTotalArt' shows 4 total items for an artist, with a lowest price of £100.00 and a highest price of £702.00.

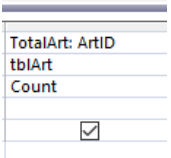
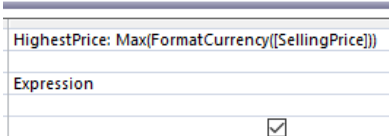
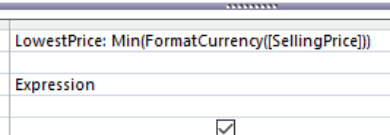
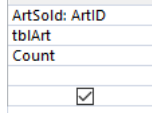
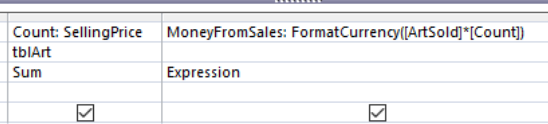
Trait 2 – Calculations and criteria

Artist link

All generated fields do link to the ArtistID. There is an ArtistID combo box (not very sensibly named as Combo0), the candidate has shown the source of this combo box.

The first query shows that all the fields link to the combo box. The criteria is slightly truncated however, considering the datasheet view of the query and the data on the form it was enough to class this data as being linked.

The second query shows that all the fields also link to the comb box.

Sold art link	The first query also shows that only the Total money (sales) and Total number sold link to art that has been sold.	
Total number of pieces	The second query clearly shows a suitable calculation and, whilst the source of the subform cannot be determined there is enough evidence to know that this is correct (name of the field in design view, name of the field in the query, results of the query and data shown in the form	
Highest selling price	The second query shows a suitable calculation for the highest price. Same slight weakness as for the total number of pieces	
Lowest selling price	The second query shows a suitable calculation for the highest price. Same slight weakness as for the total number of pieces	
Total number sold	The first query shows a suitable calculation for the total number sold	
Total money (sales)	The first query shows a suitable calculation for the total money (sales)	

Trait 3 – Validation and automation

AnalysisOfArtist

Analysis of artist

Select an artist and information will appear underneath, then give a rating on this information.

ArtistID ArtistRating

ArtistID	ArtistEmail	TotalArt	LowestPrice	HighestPrice	ArtSold	MoneyFromSales
1	Gyrgorcowi@canru.com	4	£100.00	£702.00	4	£6,184.00

Record: 1 of 1 No Filter Search

frmAnalysisOfArtist

frmAnalysisOfArtist : Combo0 : On Click

Requery

Control Name

+ Add New Action

Artist's email	The selected artist's email address displays
Total number of pieces	The TotalArt displays
Highest selling price	The HighestPrice displays
Lowest selling price	The LowestPrice displays
Total number sold	The ArtSold displays
Total money (sales)	The MoneyFromSales displays
Form refreshes	The candidate has included a screenprint showing a requery event taking place when the combo box is clicked. This will refresh the form.

Trait				Awarded	
1	2	3	4	Band	Mark
3M	4T	4T	4M	4M	12

Comments	
Trait 1	<p>The add art form is partially fit for purpose. The weaknesses that it is unclear whether the ArtID has been disabled and the field widths.</p> <p>The analysis form is also partially fit for purpose – though is weaker than the art form in that it cannot be determined whether the generated fields are disabled, the labels do not aid readability and some of the field widths are weak.</p> <p>Enough evidence for the middle of band 3.</p>
Trait 2	<p>The ArtID has been generated for the art form.</p> <p>All the criteria/calculations are present on the analysis form.</p> <p>Enough evidence for the top of band 4.</p>
Trait 3	<p>All the automation and validation has been evidence for the art form.</p> <p>All the automation is evidenced for the analysis form.</p> <p>Enough evidence for the top of band 4.</p>
Trait 4	Overall, based on the other three traits there is enough evidence to suggest the middle of band 4.
Overall	Taking all traits into account mid mark band 2 is appropriate.