

# Music database!



**I have to design and build a database to hold all of the information about tracks that will be played to my fundraiser. I will then use this to create a personalised play list. I must use the text file provided to get the information I need. I must make sure each field has it's own suitable name, data type, format and length.**

## 1) Track ID

Field Name	Data Type
Track ID	Number

General    Lookup

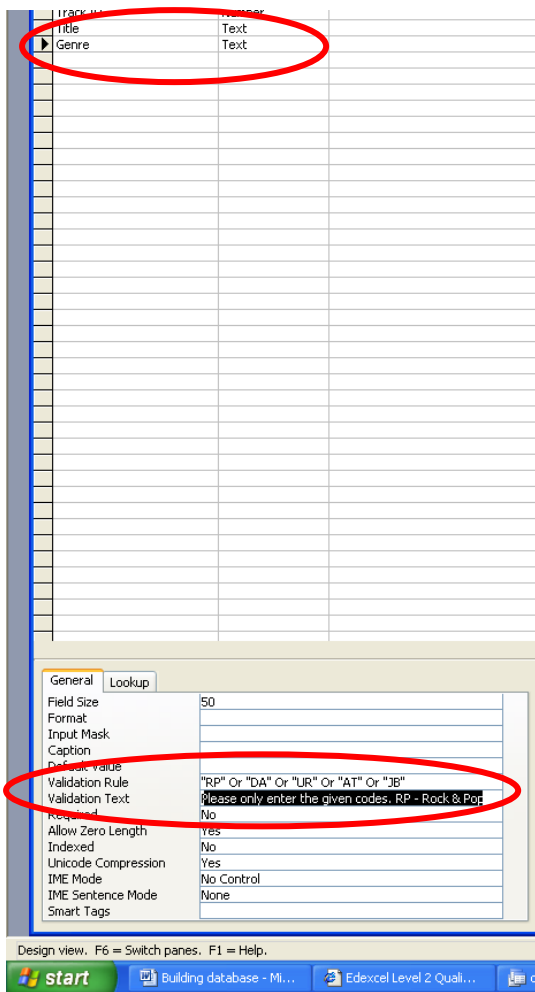
Field Size: Long Integer  
Format:                     
Decimal Places: Auto  
Input Mask:                 
Caption:                     
Default Value: 0  
Validation Rule:             
Validation Text:             
Required: No  
Indexed: Yes (No Duplicates)  
Smart Tags:               

**I entered track ID into the field name then changed the data type to 'number'.**

**I make it my primary key so it was unique and also changed the indexed to 'no duplicates'**

## 2) Title – I changed the data type to text.

### 3) Genre – I changed the data type to text.



**I also entered a validation rule to state that people can only enter the given codes. I then added validation text to state the codes and to tell them they can only enter the codes.**

### 4) Artist – I changed the data type to text.

### 5) Album title – I changed the data type to text.

### 6) Track number – I changed the data type to number.

## 7) Year of release.

Field Name	Data Type
Track ID	Number
Title	Text
Genre	Text
Artist	Text
Album title	Text
Track number	Number
Year of release	Number

Property	Value
Field Size	Long Integer
Format	
Decimal Places	Auto
Input Mask	
Caption	
Default Value	
Validation Rule	Between 1960 And 2008
Validation Text	Please only enter songs between the year
Required	No
Indexed	No
Smart Tags	

I change the data type to number. I then entered a validation rule which states you can only enter dates between 1960 and 2008. I then entered a validation text to help the users enter the right information.

## 8) Length – I change the data type to number.

I entered a validation rule which tells the users not to enter songs which are longer than 600 seconds (10 mins).

I then entered a validation text to tell help the users enter the correct information for their song choice.

Field Name	Data Type
Track ID	Number
Title	Text
Genre	Text
Artist	Text
Album title	Text
Track number	Number
Year of release	Number
Length (secs)	Number

Property	Value
Field Size	Long Integer
Format	
Decimal Places	Auto
Input Mask	
Caption	
Default Value	0
Validation Rule	<=600
Validation Text	Maximum song length can only be 600 seconds (10
Required	No
Indexed	No
Smart Tags	

## 9) effort rating

Field Name	Data Type
Track ID	Number
Title	Text
Genre	Text
Artist	Text
Album title	Text
Track number	Number
Year of release	Number
Length (secs)	Number
Effort rating	Text

I changed the data type to look up wizard and entered H, M and, L. This is shown as text on the data type column. This created a drop down menu so the users can select which one they would like to enter. This enabled the users can enter the correct information. I also entered a validation rule for the same reason.

General	Lookup
Field Size	50
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	"H" Or "M" Or "L"
Validation Text	Pleas only enter H - High, M - Medium, L - Low
Required	No
Allow Zero Length	Yes
Indexed	No
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None
Smart Tags	

## 10) Field Size

General	Lookup
Field Size	1
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	"H" Or "M" Or "L"
Validation Text	Pleas only enter H - High, M - Medium, L - L
Required	No
Allow Zero Length	Yes
Indexed	No
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None
Smart Tags	

I changed the field size on the fields labeled text to ensure the amount of character that can be entered. For example I changed the field size to 1 in the 'effort rating' as it is only possible to enter one letter for that question.