

# Online Databases with Front Page and Access

## Day 2

### Create an Online Events Database

As a review of what we did in the last class as well as set up for some additional instructions we are going to create an online events database. This events list can be used to post upcoming events for your organization. We will also work on editing and deleting existing records within your database.

1. Open a new document and save it as **currentevents.asp**  
(This is the page that you will use to enter your events into the database)
2. Insert a new form onto the page and type the title **Events Entry Page** centered with a heading 2 style
3. Add the following form fields to the page.

| Label       | Form Field Properties |               |   |   |
|-------------|-----------------------|---------------|---|---|
|             | Type                  | Name          | Other                                     | Validate  |
| Title       | Text Box              | cetitle       | Tab Order -1                              | Display Name - Title Data Required, Min Length – 1  |
| Date        | Text Box              | cedate        | Tab order – 2                             | Display Name - Date Data Type – text, Allow Digits, Data Required, Min Length – 10, Max Length – 10 |
| Location    | Text Box              | celocation    | Tab order – 3                             | Display Name - Location Data Required, Min-1  |
| Description | Text Area             | cedescription | Width – 50, Tab Order – 4, # of lines – 5 |   |

  

*Form*                      *Text Area*                      *Option Box*  
*Text Box*                      *Check Box*

4. Connect the form to a database (you will have to create a new database) and don't forget to save your page afterwards
5. At this point rename currentevents.asp page to **ceentry.asp**  
(This is to easily identify the page as the events entry page while creating a database named currentevents)
6. Open the results table in the currentevents database in design view and change the cedate field data type from text to **Date/Time**. Close database and accept changes.  
(This will allow us to search and sort based on dates)
7. Preview ceentry.asp in your browser and add 3 entries. Use yesterday's, today's and tomorrow's date for the 3 entries and make sure you enter them with the MM-DD-YYYY date format.  
(If you are having problems previewing in browser, make sure that the currentevents.mdb file isn't selected in the folder list when you click the "preview in browser" button)
8. Make sure the data made it to the database by opening the database and checking the results table
9. Close the currentevents database
10. Create a new Page, save it as **ceresults.asp**
11. Insert – Database – Results  
Use currentevents for existing database connection in step 1 and use results for the record source in step 2. In step 3 edit the list leaving only cetitle and cedate and set ordering by cedate, format as table with defaults listed and display all records together.
12. Preview in browser  
Notice that we have an event that has already passed  
Let's fix this
13. Close browser
14. Open the currentevents database  
Under objects list select queries  
Select "Create query in Design view"
15. Add the results table to the query by clicking the add button in the "Show Table" dialog box while Results is selected
16. Close the "Show Table" dialog box
17. Double click ID, cetitle, and cedate to add these fields to the query
18. For the cedate field, add the criteria **>=Date()**
19. Close and save the query as **datequery**
20. Close the database  
(All the changes made to the database have already been save)
21. Return to the ceresults.asp page and double click on the yellow database region

22. Use currentevents for existing database connection in step 1 and use datequery (View) for the record source in step 2. In step 3 edit the list removing ID and set ordering by cedate, format as table with defaults listed and display all records together.
23. Save and preview in browser
24. Notice that the expired event no longer shows up  
Now we need some more information on the events  
(*Location and Description*)
25. Create a new page and save it as **cedetails.asp**
26. Type the heading **Current Events Details** at the top of the page
27. Return to the ceresults.asp page and right click on <<cetitle>> inside of the database results region
28. Select Hyperlink from the pop-up menu
29. In the Hyperlink dialog box select the cedetails.asp page and click on the Parameters button  
(*Do not double-click on cedetails.asp*)
30. In the Hyperlink Parameters dialog box click on the Add button  
Select the ID for the name value with the drop down list  
Leave the Value with the information that is populated
31. Click on OK for the Add Parameter dialog box  
OK for Hyperlink Parameters  
OK for Insert Hyperlink
32. Save the ceresults.asp page
33. Return to the cedetails.asp page
34. Insert – Database – Results  
Use currentevents for existing database connection in step 1 and use results for the record source in step 2. In step 3 edit the list leaving only cetitle, cedate, celocation and cedescription. Set the criteria to ID=ID. In step 4 format as List with labels no separator and options as paragraphs. Step 5 will display all records together and remove the search form.
35. Save the cedetails.asp page and preview the ceresults.asp page in browser
36. Click one of the cetitle hyperlinks and notice how this show all of the information  
(*If we had listed the description in the query the resulting information would be truncated to the 1<sup>st</sup> 256 characters*)
37. You could have adjusted the labels in both the ceresults and cedetails pages
38. You might also think about placing a hyperlink on the cedetails page that returns to the ceresults page

We will next work on editing and deleting the existing records in the database without having the access program

# Editing Existing Online Databases with FrontPage forms

In this exercise we will be creating some form pages that will edit the existing records as well as pages that will delete them.

1. Let's start by creating three new pages named **ceedit1.asp** **ceedit2.asp** & **ceedit3.asp**
2. With ceedit1.asp type the heading **Current Events List** at the top to the page
3. Insert – Database – Results
  - a. Step 1 – Use existing connection – currentevents
  - b. Step 2 – Record source – results
  - c. Step 3 – edit list (cetitle & cedate)
    - i. More Options – Ordering - cedate
  - d. Step 4 – Leave defaults
  - e. Step 5 – Display all records together
4. Right Click on <<cetitle>> & select hyperlink
5. Select ceedit2.asp, click on parameters, click on add
6. Select ID for name and leave the value with the defaults
7. OK – OK - OK
8. Save the ceedit1.asp page
9. Go to ceedit2.asp
10. Type the heading **Current Event Details** at the top of the page
11. Insert – Form – Form
  - a. Hit enter a few times and move back up to top of but still inside form
12. Insert – Database – Results
  - a. Step 1 – existing database – currentevents
  - b. Step 2 – record source – results
  - c. Step 3 – edit list – remove all but top 5 items  
(*ID, cetitle, cedate, celocation, cedescription*)
    - i. More options – criteria – add – ID=ID
    - ii. Ok – Ok – Ok
  - d. Step 4 – List – add labels – remove horizontal separator
    - i. List Options - Text Fields
  - e. Step 5 – Display Together – remove search form

13. Delete the “Submit Query” and “Reset” button in the database results table

We need to change the ID text box to a drop down list. This is done to keep the end user from change the unique key field.

14. Immediately to the right of the ID text box insert a drop down box

15. Double-click on the ID text box

Notice that the Name = ID

Copy the contents on the Initial Value box

Cancel the Text Box Properties dialog box

16. Double-click the Drop-Down Box

Change the Name to ID

17. Click the Add button

Paste the information you copied in step 15 to the choice field

OK – OK

18. Delete the ID Text box from the Database Results Region

19. Save your work

20. Right-Click inside the form and select Form Properties

Select Send to other

21. Click on the Options button

a. Action = **ceedit3.asp**

b. Method = post

c. OK – OK

22. Save ceedit2.asp

23. Go to the ceedit3.asp page

24. Type the heading **Current Events Update** at the top of the page

25. Insert – Database – Results

a. Step 1 – existing database – currentevents

b. Step 2 – Select Custom query

c. Click on the Edit button

- d. Replace the contents of the SQL Statement with the following

```
UPDATE results
SET
  cetitle='::cetitle::',
  cedate='::cedate::',
  celocation='::celocation::',
  cedescription='::cedescription::'
WHERE ID=::ID::
```

- e. Click the “Verify Query” button  
OK – On the Verified Query box (*otherwise make corrections*)  
OK
- f. Steps 3 & 4 leave as defaults
- g. Step 5 – Display Together – Remove search form

26. Save your work

27. Click on the HTML view at the bottom of the page

28. Add the following meta tag after the <head> tag

```
<meta http-equiv="refresh" content="0;url=ceedit1.asp">
```

*(You were done at step 26. The above meta tag will cause the browser to refresh back to the ceedit1.asp page)*

29. Save your work

30. Preview ceedit1.asp in browser

31. Select the 1<sup>st</sup> entry and change the title of the event

32. To delete a record you will need only 2 pages cedel1.asp & cedel2.asp

33. cedel1.asp will be just like ceedit1.asp with the title hyper linking to cedel2.asp

34. cedel2.asp will be just like ceedit3.asp with the following SQL statement

```
Delete FROM Results
WHERE ID=::ID::
```

35. The meta tag will have a url=cedel1.asp