



Database Project – Usability 7

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The Sporting Spirit Web site



THE SPORTING SPIRIT
Celebrating Youth Sports in Mississippi

Player Polls VOTE NOW VOTE OFTEN

Home | Polls | Articles | Blog | **Tournaments** | Photos | Videos | Ad Rates

RECENT ISSUES

MISSISSIPPI JUNIOR GOLF
THE YOUNG VIRGILS
BLAST ANNANDALE
SEPTEMBER 2008

GRA-Y FOOTBALL
THE VIRGA & DOTS ECONOMIC MET
AUGUST 2008

HOW TO VIDEOS

Just Have a Ball!

- Baseball
- Softball
- Golf
- Tennis
- Swim
- Cheerleading

SUPERSPORT 930
Listen to The Sporting Spirit radio show Saturdays @ 9 a.m. on SuperSport 930!

off sides

Recording Future ESPN Retrospectives

Book it, my friends, otherwise completely rational moms and dads will forget to pay their taxes, their bills, and feed their dogs, but the camera will be charged come Saturday morning! Because you never know, today just might be the day when my "YouTube" clip of "Mankin's Last Best Hope" goes viral.

The Perfect Post-Season Travel Team SUV

(Note: The bottom portion of the page features a photograph of two children, a boy and a girl, smiling, surrounded by various sports balls like a soccer ball, basketball, and tennis ball.)

Existing Layout



The screenshot shows the website for 'The Sporting Spirit', which celebrates youth sports in Mississippi. The header includes the site's logo and a 'Player Polls' section with the slogan 'Vote Now, Vote Often'. A navigation menu contains links for Home, Polls, Articles, Blog, Tournaments, Photos, Videos, and Ad Rates. The main content area is titled 'Baseball Tournament Schedule' and features a table with the following data:

Date	Tournament Name	Tournament Location
March 13	Spring Break Blast NIT	Canton Multipurpose Complex; Canton, MS
March 13	Early Bird Brawl IV	Eupora City Park; Eupora, MS
March 13	Mississippi Select March Madness	New Albany Sportsplex; New Albany, MS
March 14	USSSA Diamond Classic	Goldin Sportsplex; Gulfport, MS
March 20	The Rendezvous Early Bird	Snowden Grove Park; Southaven, MS
March 20	WinningWithLife.com Debut	Starkville Sportsplex; Starkville, MS
March 20	Field of Dreams	Canton Youth Complex; Canton, MS
March 21	Pirate Sports "Spring Fling"	Friendship Park; Picayune, MS
March 27	Springtime NIT	Gulfport Sportsplex; Gulfport, MS
March 27	Abner's Southaven Shootout	Snowden Grove Park; Southaven, MS
March 27	The Battle of New Albany	New Albany Sportsplex; New Albany, MS
March 28	Early Bird Classic	Aberdeen, MS
April 3	April Showdown NIT	Canton Multipurpose Complex; Canton, MS

Proposed Changes

- Three table relational database
- Web form for querying

Table 1 - Sports



The image shows a screenshot of a database table named "Sports : Table". The table has a single column labeled "SportName". The data rows are: Baseball, Basketball, Cheerleading, Golf, Softball, Swim, and Tennis. The "Baseball" row is highlighted with a black background. At the bottom of the table, there is a row with an asterisk (*) in the first column, indicating a new record.

SportName
Baseball
Basketball
Cheerleading
Golf
Softball
Swim
Tennis
*

- SportName (Primary key)

Table 2 - Tournaments

TournamentID	TournamentName	TournamentDate	Location	SportName
1	Jamfest	March 21	Biloxi, MS	Cheerleading
2	Deep South Spring Championship	March 29	Memphis, TN	Cheerleading
3	CheerNation	April 4-5	New Orleans, LA	Cheerleading
4	Cobras Basketball Tournament	May 29-31	Columbus, MS	Basketball
5	King of the Court Classic	June 26-28	Jackson, MS	Basketball
6	Fake Tournament	April 7	McMinnville, OR	Basketball
7	Spring Break Blast NIT	March 13	Canton, MS	Baseball
8	Early Bird Brawl IV	March 13	Eupora, MS	Baseball
9	Mississippi Select March Madness	March 13	New Albany, MS	Baseball
10	USSSA Diamond Classic	March 14	Gulfport, MS	Baseball
11	The Rendezvous Early Bird	March 20	Southaven, MS	Baseball
12	Pine Belt Open	March 14-15	Petal, MS	Softball
13	NSA Early Bird Tournament	March 27-29	Flowood, MS	Softball
14	10U & 12U Elite Tournament	March 28	Byram, MS	Softball
15	Battle at the Burg	April 4-5	Hattiesburg, MS	Softball
16	Pine Belt Showdown	May 2-3	Petal, MS	Softball
17	Trusted Choice Big I National Qualifier	May 27-28	Oxford, MS	Golf
18	Future Tour Champions	May 30-31	Greenville, MS	Golf
19	MJGA Event #1	June 3	Diamondhead, MS	Golf
20	Forest Country Club Junior Classic	June 9	Forest, MS	Golf
21	Greenwood Junior Invitational	June 17-18	Greenwood, MS	Golf
22	Pepsi Spring Junior Open	March 13	Jackson, MS	Tennis
23	Diamondhead Spring Junior Classic	March 14	Diamondhead, MS	Tennis
24	McComb Azalea Festival	March 21	Fernwood, MS	Tennis
25	North MS Junior Open State Championships	March 27	Greenville, MS	Tennis
26	Cascades Junior Novice	March 27	Clinton, MS	Tennis
27	The International All Level Championships-Deep	April 10-11	Atlanta, GA	Cheerleading
28	WinnipegWithLife.com Debut	March 20	Starkville, MS	Baseball

- TournamentID
(Primary key)
- TournamentName
- TournamentDate
- Location
- SportName

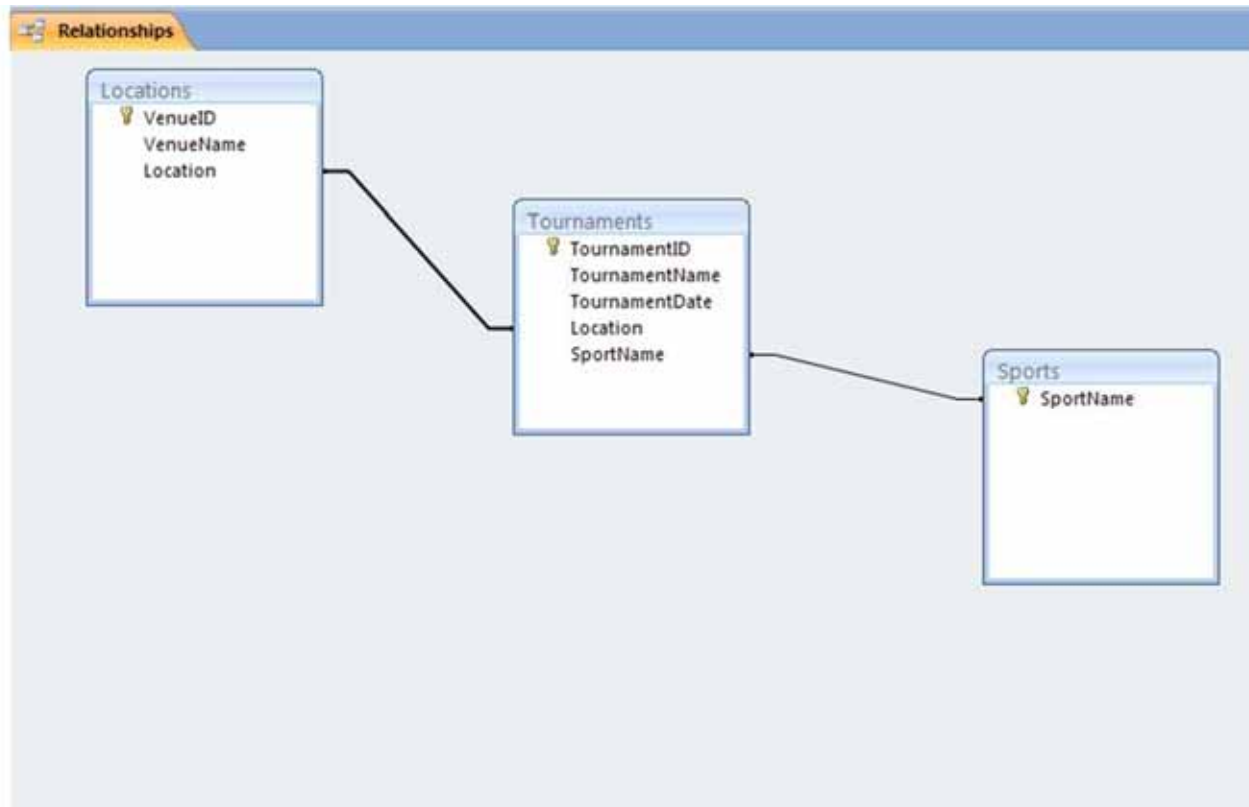
Table 3 - Locations

VenueID	VenueName	Location
1	World Congress Center	Atlanta, GA
2	DeSoto Center	Memphis, TN
3	Canton Multipurpose Complex	Canton, MS
4	Eupora City Park	Eupora, MS
5	New Albany Sportsplex	New Albany, MS
6	Goldin Sportsplex	Gulfport, MS
7	Snowden Grove Park	Southaven, MS
8	Sunrise Recreation Complex	Petal, MS
9	YMCA	Flowood, MS
10	Davis Road Fields	Byram, MS
11	Oak Grove Optimist Park	Hattiesburg, MS
12	Ole Miss Golf Club	Oxford, MS
13	Greenville Country Club	Greenville, MS
14	Diamondhead Country Club	Diamondhead, MS
15	Forest Country Club	Forest, MS
16	Greenwood Country Club	Greenwood, MS
17	Parham Bridges Tennis Center	Jackson, MS
18	Diamondhead Tennis World	Diamondhead, MS
19	Fernwood Country Club	Fernwood, MS
20	Cypress Hills Tennis Club, Inc.	Greenville, MS
21	Cascades Racquet Club	Clinton, MS
22	Gulf Coast Tennis Club	Gulfport, MS
23	Starkville Sportsplex	Starkville, MS
24	Canton Youth Complex	Canton, MS
25	Friendship Park	Picayune, MS
26	Gulfport Sportsplex	Gulfport, MS
27	Northwood Country Club	Mendian, MS
28	Grand Bear Golf Club	Saucier, MS
29	Ouail Hollow Golf Club	McComb, MS
30	Cleveland Country Club	Cleveland, MS

Record: 21 of 46

- VenueID (Primary key)
- VenueName
- Location

Relationships



Query 1

Are there any baseball tournaments in Canton, MS in March? If so, at which venues are they taking place?

Query 1 – Tabular View

Query1

Locations

- VenueID
- VenueName
- Location

Tournaments

- TournamentID
- TournamentName
- TournamentDate
- Location
- SportName

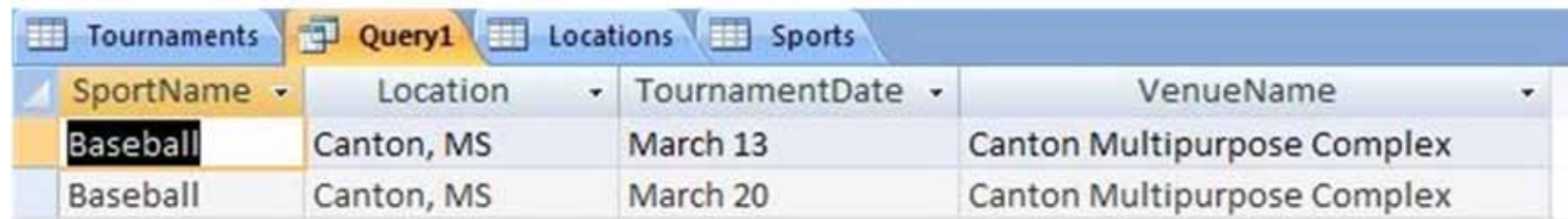
Sports

- SportName

Field	SportName	Location	TournamentDate	VenueName
Table:	Sports	Locations	Tournaments	Locations
Sort:				
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:	"Baseball"	"Canton, MS"	Like *March*	
or:				

- SportName (from Sports table)
 - Criteria is “Baseball”
- Location (from Locations table)
 - Criteria is “Canton, MS”
- TournamentDate (from Tournaments table)
 - Criteria is Like “March”
- VenueName (from Locations table)

Query 1 - Results



The image shows a screenshot of a database query result. The interface includes tabs for 'Tournaments', 'Query1', 'Locations', and 'Sports'. The 'Query1' tab is active, displaying a table with four columns: 'SportName', 'Location', 'TournamentDate', and 'VenueName'. The table contains two rows of data, both for 'Baseball' tournaments held in 'Canton, MS' at the 'Canton Multipurpose Complex'. The first tournament is on 'March 13' and the second is on 'March 20'.

SportName	Location	TournamentDate	VenueName
Baseball	Canton, MS	March 13	Canton Multipurpose Complex
Baseball	Canton, MS	March 20	Canton Multipurpose Complex

There are 2 baseball tournaments being held in Canton, MS during March, both at the Canton Multipurpose Complex. The first takes place on March 13 and the second takes place on March 20.

Web Form Input – Query 1

The Sporting Spirit: Tournament/Venue Search

Use this form to find sports, venues, dates, and tournaments.

- **Sport**

- **Date**

- **Location**

- **Venue**

- **Tournament**

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Web Form Output – Query 1

The Sporting Spirit: Search Results

Results of Search:

- Baseball
- Canton, MS
- March 13
- Canton Multipurpose Complex

- Baseball
- Canton, MS
- March 20
- Canton Multipurpose Complex

Thanks for using the Sporting Spirit web site!

Generated by [pForm](#); modified by Kathie Popadin

Query 2

Which tournaments is the YMCA hosting? What sports are involved, and when will they be held?

Query 2 – Tabular View

Query2

Locations

- VenueID
- VenueName
- Location

Tournaments

- TournamentID
- TournamentName
- TournamentDate
- Location
- SportName

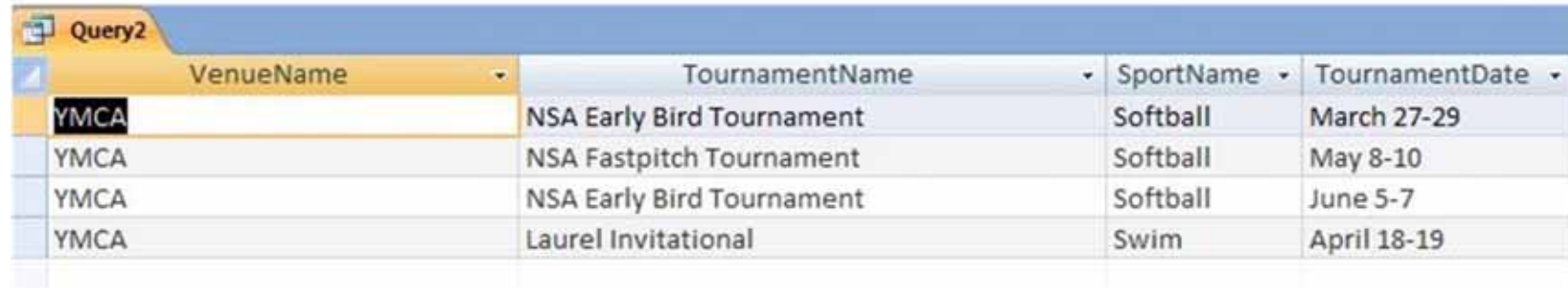
Sports

- SportName

Field:	VenueName	TournamentName	SportName	TournamentDate	
Table:	Locations	Tournaments	Sports	Tournaments	
Sort:					
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Criteria:	"YMCA"				
on:					

- VenueName (from Locations table)
- Criteria is “YMCA”
- TournamentName (from Tournaments table)
- SportName (from Sports table)
- TournamentDate (from Tournaments table)

Query 2 - Results



VenueName	TournamentName	SportName	TournamentDate
YMCA	NSA Early Bird Tournament	Softball	March 27-29
YMCA	NSA Fastpitch Tournament	Softball	May 8-10
YMCA	NSA Early Bird Tournament	Softball	June 5-7
YMCA	Laurel Invitational	Swim	April 18-19

The YMCA is hosting 3 softball tournaments: one in March (the NSA Early Bird Tournament), one in May (the NSA Fastpitch Tournament), and one in June (a different NSA Early Bird Tournament).

The YMCA is also hosting one swimming tournament in April (the Laurel Invitational).

Web Form Input – Query 2

The Sporting Spirit: Tournament/Venue Search

Use this form to find sports, venues, dates, and tournaments.

- **Sport**

- **Date**

- **Location**

- **Venue**

- **Tournament**

Generated by [pForm](#); modified by Kathie Popadin

Web Form Output – Query 2

The Sporting Spirit: Search Results

Results of Search:

- YMCA
- NSA Early Bird Tournament
- Softball
- March 27-29

- YMCA
- NSA Fastpitch Tournament
- Softball
- May 8-10

- YMCA
- NSA Early Bird Tournament
- Softball
- June 5-7

- YMCA
- Laurel Invitational
- Swim
- April 18-19

Thanks for using the Sporting Spirit web site!

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Questions?

Thanks for your attention!