

Old application that needs to be replaced with an Access application...

Background – basically this is a dinky little system to manage a particular kind of racing event. In a nutshell, there are many riders who will come to a given event, and each rider will compete in one or more classes. Conceptually think of 3 tables: Classes, Riders, and Attempts (the riders’ scores in each class, as they get more than one “attempt” in each class).

There’s a many-to-many relationship between Riders and Classes, but each Attempt relates to only one rider/class combination.

Anyway, there’s basically 2 phases to the event that the application needs to account for – registration, and scoring. At the end of the day there will be reports generated from the data captured during scoring, but I can handle that part already 😊

At registration, riders sign up for what classes they want to compete in. If a rider is a return customer, so to speak, he’s already in the database, and the person doing registration just selects the name from a combo box:

The screenshot shows a registration form window titled "Sign Up [8/18/2012] - 2012 AMA Hillclimb Grand Champi...". The form has a toolbar at the top with navigation icons and "Add New" buttons. The main form area contains the following fields and controls:

- AMA:
- District:
- Rider Name: (with a dropdown menu open showing: Degross, Darren; Degross, Zach; Denn, Adam; Denson, Josh)
- Class:
- Riding Number:
- Displacement:
- Stroke: (with a spinner control)
- Brand:

At the bottom of the form are four buttons: "Save", "Save, Add New", "Save, Add Same", and "Summary".

At which point the selected rider's info pops up underneath the Rider Name section:

Sign Up [8/18/2012] - 2012 AMA Hillclimb Grand Champi... of 542

AMA: District:

Rider Name: Degross, Darren
N4857 790th St. Age: 45
Ellsworth, WI 54011 Birth Date: 7/29/1966

Class: Micro Mini
450
600
750
Open
4-Stroke
Senior
Super Senior
Women

Riding Number: Displacement: Brand:

Classes for this Rider:

Save Save, Add Same Summary

...address, city, state, age, etc. And keep in mind that the exact presentation on screen doesn't matter for our purposes – the fact that it appears in the grey area instead of in a boxed field makes no difference.

From this point, the user selects the first class the rider wants to enter, and then puts in the other relevant info for that chosen class (riding number, brand, etc.):

Sign Up [8/18/2012] - 2012 AMA Hillclimb Grand Champi... of 542

AMA: District:

Rider Name: Degross, Darren
N4857 790th St. Age: 45
Ellsworth, WI 54011 Birth Date: 7/29/1966

Class: 750
Riding Number: 109
Displacement: 750_ Stroke: 2
Brand: Kawasaki

Classes for this Rider:

Save Save, Add New Save, Add Same Summary

Save this record and enter Add mode primed with the same Rider information

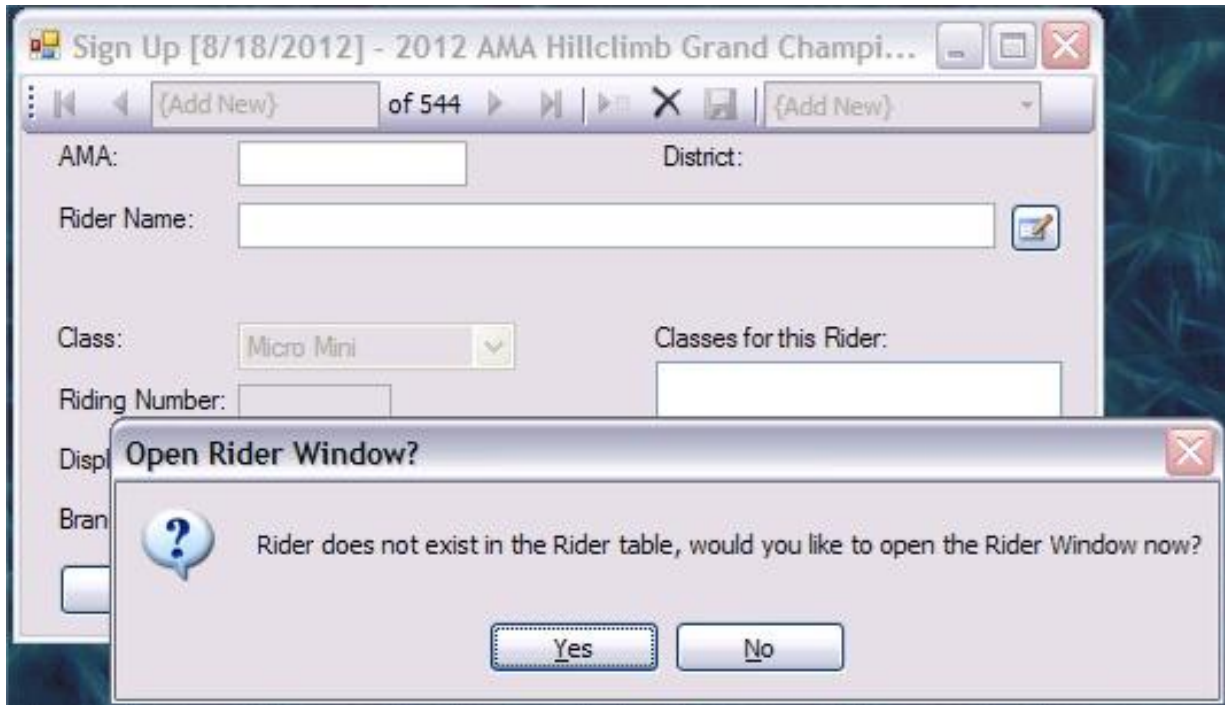
At the bottom then, there's a few buttons – Save (save the record and just stay there), “Save, Add New” means that's all for the current rider, and move on to an empty form for the next rider in line, and “Save, Add Same” means save this record but stay with the selected rider to enter the next class he wants to register for. As you add classes for a given rider, they show up in the box to the right (which, again, doesn't matter format-wise...and frankly maybe we don't even need here – maybe a subform or something):

The screenshot shows a software window titled "Sign Up [8/18/2012] - 2012 AMA Hillclimb Grand Champi...". The window contains a form for entering rider information. At the top, there are navigation controls: a left arrow, a text field containing "{Add New}", "of 544", a right arrow, a close button (X), a save icon, and another text field containing "{Add New}". The form fields are as follows:

- AMA: [Empty text box]
- District: [Empty text box]
- Rider Name: [Text box containing "Degross, Darren"] with a small edit icon to the right.
- Address: "N4857 790th St. Ellsworth, WI 54011"
- Age: 45
- Birth Date: 7/29/1966
- Class: [Dropdown menu showing "Super Senior"]
- Classes for this Rider: [List box containing "750 Senior"]
- Riding Number: [Text box containing "203"]
- Displacement: [Text box containing a horizontal line]
- Stroke: [Spin box containing "2"]
- Brand: [Empty text box]

At the bottom of the form are four buttons: "Save", "Save, Add New", "Save, Add Same", and "Summary".

If the user tries to type in a rider name that doesn't exist in the database already, they'll be prompted to go to a different form to enter the rider's info:



And/or they can click the little button to the right of that field. Either way, they then get this:

Rider - Add New

{Add New} of 220 {Add New}

Last Name:

First Name:

Middle Name:

Name Suffix:

Nick Name:

Address 1:

Address 2:

City:

State: Zip Code:

Day Phone: Evening Phone:

Email:

Gender: ▼

Birth Date: ▼ Age on January 1st:

Age Override:

AMA:

Districts:

Updated On:

Pretty basic. Name, address, blah blah. Once they save the new Rider record, that rider will appear in the list for registration, and they can get back to it.

OK, so that's it for "phase one" – the second phase is scoring during the event. Each rider gets 2 "attempts" in each class...and sometimes there's a tie-breaker. To start though, the user goes to the Attempt form:

	Riding Number	Brand	Rider	Attempt 1	Attempt 2	Tie Breaker
1.	1	Yamaha	Curtis, Carson	171' 0"	15.219	
2.	10	Honda	Nielsen, Mark	14.935	15.281	
3.	11	Yamaha	Bechel, Matt	13.247	15.155	
4.	12	Honda	Krohmer, Kurt	18.277	14.933	
5.	13	Honda	Peters, Matt	14.520	14.934	
6.	14	Honda	Jelinek, Lee	15.056	18.470	
7.	15	Yamaha	Altfillisch, Matt	16.060	13.399	
8.	16	KTM	Altfillisch, Chad	14.845	335' 0"	
9.	17	Yamaha	Peterka, Aaron	170' 0"	17.555	
10.	18	Honda	Jelinek, Jay	14.307	13.494	
11.	19	Kawasaki	Cipala, Logan	11.477	11.932	
12.	2	KTM	Pameter, Luke	16.324	14.419	
13.	21	honda	Marking, Nolan	27.527	22.301	
14.	22	Honda	Denn, Adam	25.061	18.320	
15.	23	Honda	Lowe, Joseph	14.743	390' 0"	
16.	24	Kawasaki	McGurer, Joseph	17.469	12.571	
17.	25	Honda	Jelinek, Shawn	17.129	13.491	
18.	26	Honda	Anderson, Ryan	16.543	17.616	
19.	27	Yamaha	Cury, Johnny, III	168' 0"	13.705	
20.	28	Honda	Brady, Dylan	140' 0"	210' 0"	
21.	29	Kawasaki	Buettner, Paul	17.784	14.461	
22.	3	Honda	Prebe, Nathan	17.860	13.112	
23.	30	Honda	Henderson, Jon	431' 0"	16.800	
24.	31	Kawasaki	Bouchez, Bruce, Jr.	413' 0"	203' 0"	
25.	22	Kawasaki	Mueller, Kyle	12.860	12.010	

As you can see there's a drop-down at the top for the user to select the class that they need to record scores for. This actually is after an event, so all these riders have 2 scores already recorded...but I'll pretend that we need a tie-breaker and you'll see what the score entry form looks like. The user double-clicks on the appropriate rider entry and they see this:

Attempt - Add New - Attempt 3

{Add New} of 2 {Add New}

Class: 250

Rider Name: Curtis, Carson Age: 15
W7445 130th Ave.
Hager City, WI 54014

Brand: Yamaha

Displacement: 250cc 2 stroke

Attempt Number: 3 Timer: 0:10

Time:

Feet: Inches:

Enter '-1' in feet for a scratch

They enter either the time it took the rider to complete the course, or how far they got before failing. That's pretty much it.

So at the end of the day, I can query against that data and generate a report for each class showing an ordered result. As noted, that part I can handle...but I need help with the other bits. Really starting with the auto-population of data from the Rider Name combo box...the tips for which may well help me craft the whole thing.

Any and all advice is greatly appreciated ☺