Hoof ‘N’ Woof Horse Show Administration Program

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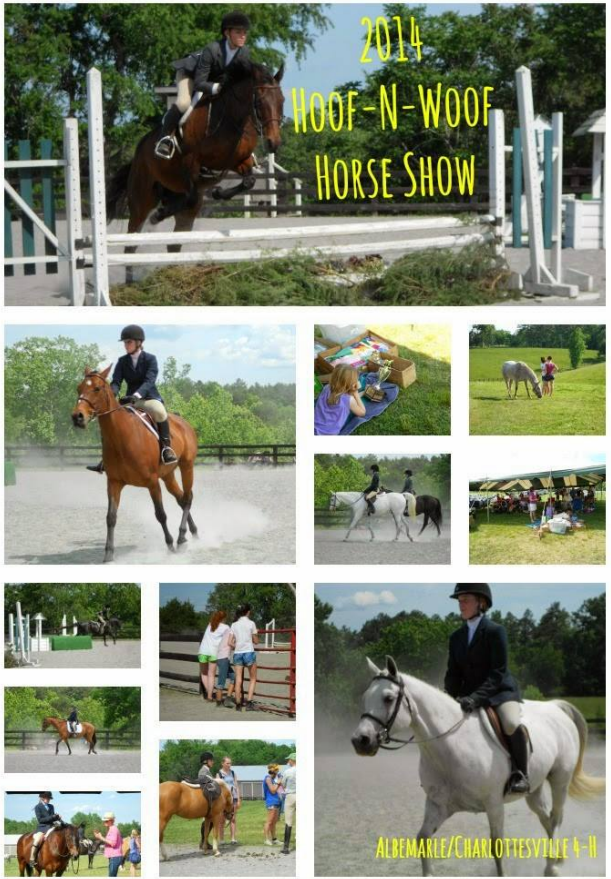
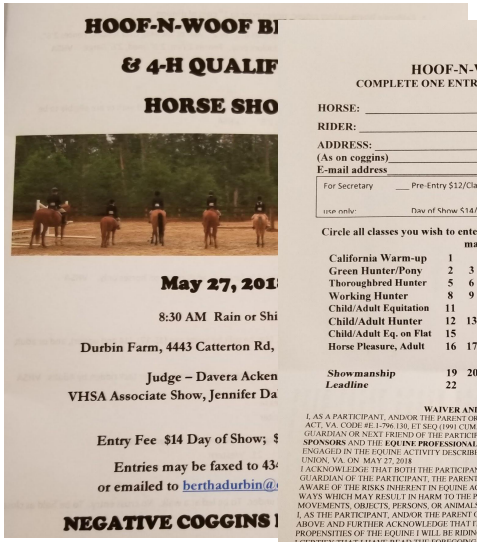
The Team

Hoof-N-Woof 4-H Club



Our Project


HOOF-N-WOOF B

& 4-H QUALIF

HORSE SHO

May 27, 201

8:30 AM Rain or Shi

Durbin Farm, 4443 Catterton Rd,

Judge – Davera Acken

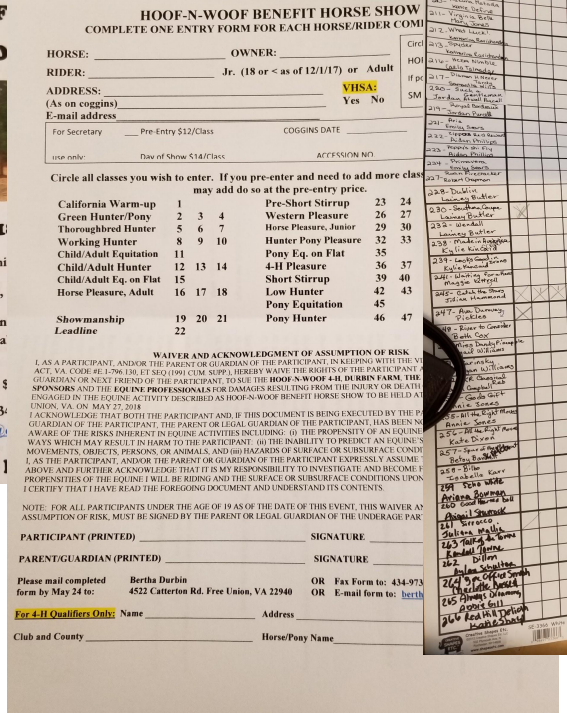
VHSA Associate Show, Jennifer Da

Entry Fee $14 Day of Show; $

Entries may be faxed to 43

or emailed to berthadurbin@

NEGATIVE COGGINS


HOOF-N-WOOF BENEFIT HORSE SHOW

COMPLETE ONE ENTRY FORM FOR EACH HORSE/RIDER COMI

HORSE: _____ OWNER: _____

RIDER: _____ Jr. (18 or < as of 12/1/17) or Adult

ADDRESS: _____ VHSA:

(As on coggins)_____ Yes No

E-mail address_____

For Secretary use only: ___ Pre-Entry $12/Class Day of Show $14/Class COGGINS DATE _____ ACCESSION NO.

Circle all classes you wish to enter. If you pre-enter and need to add more class may add do so at the pre-entry price.

California Warm-up	1			Pre-Short Stirrup	23	24	
Green Hunter/Pony	2	3	4	Western Pleasure	26	27	
Thoroughbred Hunter	5	6	7	Horse Pleasure, Junior	29	30	
Working Hunter	8	9	10	Hunter Pony Pleasure	32	33	
Child/Adult Equitation	11			Pony Eq. on Flat	35		
Child/Adult Hunter	12	13	14	4-H Pleasure	36	37	
Child/Adult Eq. on Flat	15			Short Stirrup	39	40	
Horse Pleasure, Adult	16	17	18	Low Hunter	42	43	
				Pony Equitation	45		
Showmanship	19	20	21	Pony Hunter	46	47	
Leadline	22						

WAIVER AND ACKNOWLEDGMENT OF ASSUMPTION OF RISK

I, AS A PARTICIPANT, AND/OR THE PARENT OR GUARDIAN OF THE PARTICIPANT, IN KEEPING WITH THE VI ACT, VA. CODE #E 1-796.130, ET SEQ (1991 CUM. SUPP.), HEREBY WAIVE THE RIGHTS OF THE PARTICIPANT GUARDIAN OR NEXT FRIEND OF THE PARTICIPANT, TO SUE THE **HOOF-N-WOOF 4-H, DURBIN FARM, THE SPONSORS** AND THE **EQUINE PROFESSIONALS** FOR DAMAGES RESULTING FROM THE INJURY OR DEATH ENGAGED IN THE EQUINE ACTIVITY DESCRIBED AS HOOF-N-WOOF BENEFIT HORSE SHOW TO BE HELD AT UNION, VA. ON MAY 27, 2018

I ACKNOWLEDGE THAT BOTH THE PARTICIPANT AND, IF THIS DOCUMENT IS BEING EXECUTED BY THE P GUARDIAN OF THE PARTICIPANT, THE PARENT OR LEGAL GUARDIAN OF THE PARTICIPANT, HAS BEEN N AWARE OF THE RISKS INHERENT IN EQUINE ACTIVITIES INCLUDING: (i) THE PROPENSITY OF AN EQUINE WAYS WHICH MAY RESULT IN HARM TO THE PARTICIPANT. (ii) THE INABILITY TO PREDICT AN EQUINE'S MOVEMENTS, OBJECTS, PERSONS, OR ANIMALS, AND (iii) HAZARDS OF SURFACE OR SUBSURFACE CONDI I, AS THE PARTICIPANT, AND/OR THE PARENT OR GUARDIAN OF THE PARTICIPANT EXPRESSLY ASSUME ABOVE AND FURTHER ACKNOWLEDGE THAT IT IS MY RESPONSIBILITY TO INVESTIGATE AND BECOME F PROPENSITIES OF THE EQUINE I WILL BE RIDING AND THE SURFACE OR SUBSURFACE CONDITIONS UPON I CERTIFY THAT I HAVE READ THE FOREGOING DOCUMENT AND UNDERSTAND ITS CONTENTS.

NOTE: FOR ALL PARTICIPANTS UNDER THE AGE OF 19 AS OF THE DATE OF THIS EVENT, THIS WAIVER A ASSUMPTION OF RISK, MUST BE SIGNED BY THE PARENT OR LEGAL GUARDIAN OF THE UNDERAGE PAR

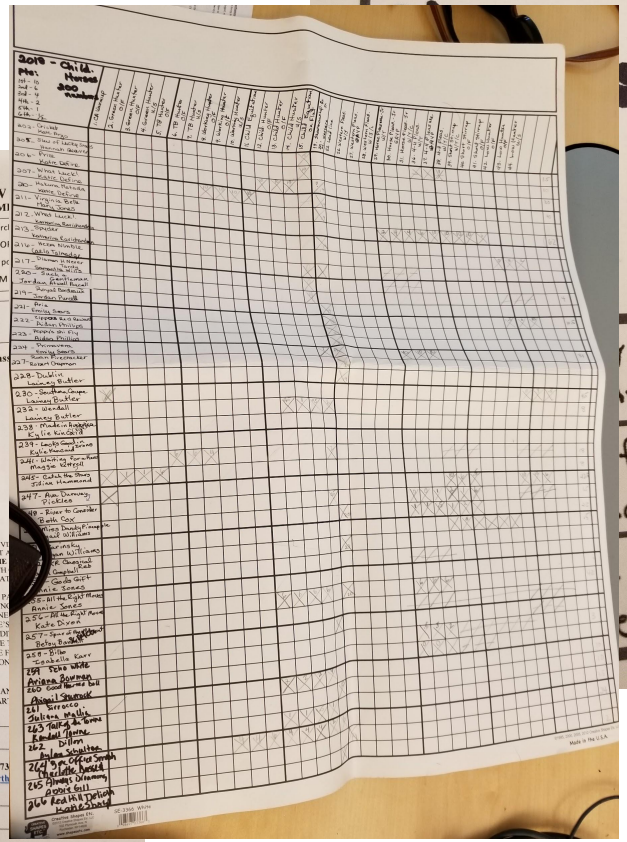
PARTICIPANT (PRINTED) _____ SIGNATURE _____

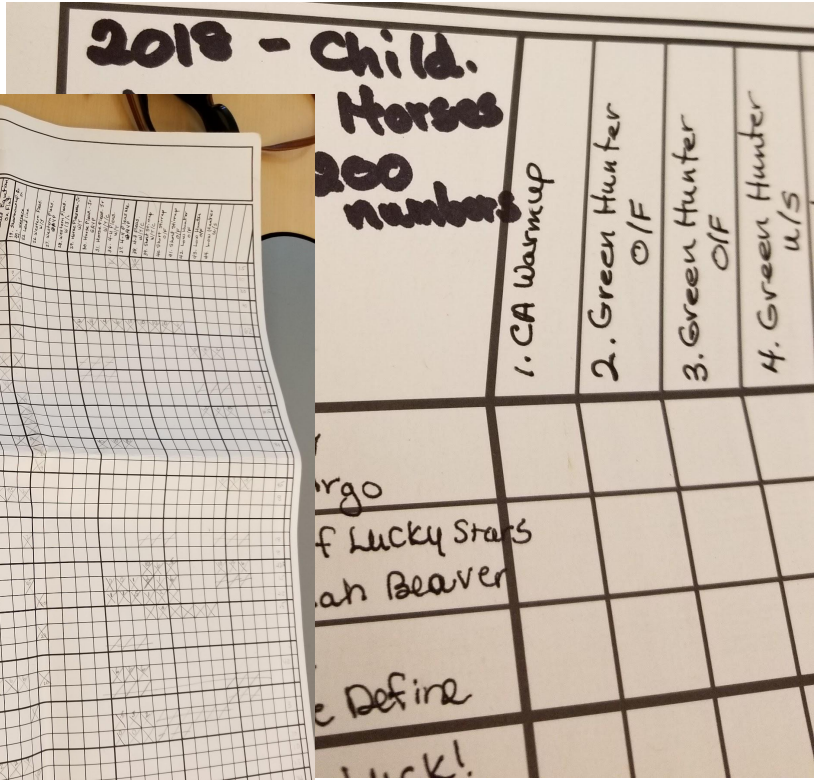
PARENT/GUARDIAN (PRINTED) _____ SIGNATURE _____

Please mail completed form by May 24 to: Bertha Durbin 4522 Catterton Rd. Free Union, VA 22940 OR Fax Form to: 434-973 OR E-mail form to: berth

For 4-H Qualifiers Only: Name _____ Address _____

Club and County _____ Horse/Pony Name _____



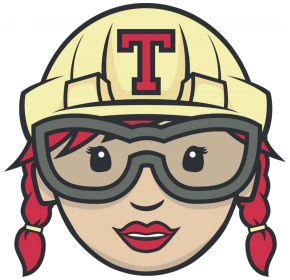


Overview of Requirements

- Organize relationships between horses, riders, shows, divisions, combos, and classes
- Add/Edit/Delete Models as needed
- Bill a horse-rider combination
- Organize and publish reports for 4-H and VHSA
- Create easy navigation for users with limited experience with technology
- Score classes and rank the Division Champion and Reserve Champion
- Print labels for the combos registered in the Show

Frameworks & Technologies Used

- Python 3
  - Pdfrw
  - Crispy_forms
  - Pyabel
  - ReportLab
  - Xlutils
- Django 2.1
- Bootstrap
- Git
- Travis CI



Significant Requirements Changes

- Printing a table of all the 4H horse-rider combinations
- The preregistration status is specified for each combo instead of each added class to a combo
- Adjusting certain model or form fields (e.g. making Horse's accession number alphanumeric instead of just numeric)
- Making the billing a combo page the same as the combo detail page

What Worked Well

- Pair Programming
- Frequent client communication to better understand requirements
- Shifting tasks based on who finished what or who was more eager to do
- Online communication (Slack)
- Scheduling meetings
- Getting along

Demo

Difficulties

- Migration issues
- Synchronization
- Travis CI and Unit Tests
- Using unfamiliar frameworks
- Working on the same features
- Adapting to changing customer requirements
- Understanding the navigation and terminology of horse shows

Overcoming Obstacles

- Pair Programming
- Frequently pushing code
- Using Trello to organize and coordinate work
- Pushing significant changes to a fork of master branch before directly merging
- Swarming on unfinished sections
- Debugging why Travis CI failed
- Cleaning user stories & defining minimum requirements carefully

Future Work

- Extending scoring capabilities
- Print Horse Show Program
- Online registration
- Hosting other types of shows
- Making the web pages more dynamic and responsive
- Adding icons to buttons
- Improved navigation

Acknowledgements

We would like to thank our client, the Hoof-N-Woof 4-H administration, particularly Bertha Durbin and Rebecca Adams who met with us on a bi-weekly basis to work with us on refining the requirements, clarifying horse show terminologies and rules, testing the application features and providing valuable feedback during the design process. Their cooperation and support along the way was crucial to the final outcome of our horse show administration application.

Questions?