
Math speed quiz with numerical virtual keyboard

Posted by getafix - 2019/09/17 12:34

Good day Ari Soft, Thank you for an excellent program.

I bought the ARI Quiz plugin for a client of mine whom want to do speed quizzes for his math students.
Now the students complain that it takes to long a process to enter the answer.

Currently for a math question e.g. $5 + 5 =$

- * one has to tap on the answer textbox for it is not automatically selected
- * then the device's virtual keyboard pops up with the complete qwerty keyboard and causes the whole quiz to move up and disorientate the layout
- * then after typing the answer one first have to click on the ENTER of the mobile device's keyboard
- * then after the device's keyboard disappear one can carry on submitting the question to get the next question, then back to the first * here.

What is needed:

- * the question display with a javascript based numeric virtual keyboard 0 to 1, and -, clear, submit/next
- * the user just need to start clicking on the keyboard the answer, and as soon as the answer is correct, or correct number of digits, of clicked on next button it should submit the answer and load the next question where one can just start typing or tapping or clicking the answer.

Thus if Ari Quiz cannot do it, I need to develop a virtual keyboard with numbers 0 to 10, minus, clear, and next buttons and where the answer box should not be selected because that causes the device's keyboard to popup it's annoying qwerty keyboard.

Do you maybe have such a plugin even if not complete that I can maybe complete the development on?

Any suggestions?

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Re:Math speed quiz with numerical virtual keyboard

Posted by admin - 2019/09/17 17:45

Hello,

Sorry, but we don't have this kind of the plugin.

Regards,
ARI Soft

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Re:Math speed quiz with numerical virtual keyboard

Posted by getafix - 2019/09/18 18:34

Since I need this for my client, since they are doing speed quizzes I will have to find a way to develop it.
Anyone wants to help?

If and when I manage to, I will supply the source code to Ari Soft.

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Re:Math speed quiz with numerical virtual keyboard

Posted by getafix - 2019/09/19 15:00

Hi Ari Soft

Just to recap. I believe this change can benefit your component a lot. Because the market moves towards tablets and larger mobile phones.

The problem we encounter with the speed quiz with single math answer is the fact that on a tablet or mobile device the virtual keyboard pops up when entering the answer, then one has to waste time closing the keyboard to get to the "Save" button for the next question.

Since I cannot add code here, please see the attached images of what I am trying to accomplish.

Where can I add the JavaScript and input buttons for the numeric keypad?

Please help I do not want to loose this client of mine, and I really would like to promote Ari Soft.

Kind Regards

Chris

http://www.ari-soft.com/images/fbfiles/images/virtual_numeric_keyboard.png

<http://www.ari-soft.com/images/fbfiles/files/keypadExample.zip>

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Re:Math speed quiz with numerical virrtual keyboad

Posted by admin - 2019/09/19 18:07

Check your mail please.

Regards,
ARI Soft

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Re:Math speed quiz with numerical virrtual keyboad

Posted by getafix - 2019/09/19 19:11

Thank you ARI Soft!

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Re:Math speed quiz with numerical virrtual keyboad

Posted by getafix - 2019/09/29 08:09

Find my JavaScript keypad solution in the attached file. Please do give me better suggestions/solution if you don't mind.

I included JavaScript code and commented some other code in the /public_html/components/com_ariquiz/assets/js/questions.js file for method AQ.questions.FreeTextQuestion draw function and then I also added JavaScript functions to the head tag in my template's index.php

Although it is working from there I am not sure if it is the proper place to add the code to the template's index.php head tag.

Any replies on this? :unsure:

Some adverse events: :blush:

* when typing the answer after question loaded without setting focus with cursor in the answer tab it is working perfectly on my laptop and Samsung 10" tablet,

- but on my mobile phone Huawei P8 lite it is typing double digits.

- On my son's 7" Lenovo tablet it gives error when I tap on the Enter to load next question. (maybe something wrong with my JavaScript)

See the quiz on speedskillsonline dot com www.speedskillsonline.com http://www.ari-soft.com/images/fbfiles/files/ariquiz_javascript_keypad.zip

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Re:Math speed quiz with numerical virrtual keyboad

Posted by getafix - 2019/10/11 18:53

Since some mobile devices and tablets caused double entries when keyboard numbers are pressed, I modified the js code to accommodate for that as well.

See the new zip attachment.

Is there a better place rather to put the js code part in the header of the template? http://www.ari-soft.com/images/fbfiles/files/js_code_for_keypad_in_questions.zip

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Re:Math speed quiz with numerical virtual keyboard

Posted by enginbasturk61 - 2020/01/11 15:11

Can you send it to me as well?

I will be very thankful

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Re:Math speed quiz with numerical virtual keyboard

Posted by getafix - 2020/01/12 18:31

I believe this is my latest version :-)

See attached. http://www.ari-soft.com/images/fbfiles/files/js_code_for_keypad_in_questions-f3b1662b349e6ccd1715ad5b7d68427b.zip

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Re:Math speed quiz with numerical virtual keyboard

Posted by enginbasturk61 - 2020/02/17 04:57

Thank you very much... It works perfectly on my laptop...

Did you apply it to MultipleFreeTextQuestions as well?

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