

Analysis of the usability test of the RNF009

General information:

Test date: 05/19/2023

Name(s) of evaluator(s): Indra, Daniel, Jaroth

Participant Age Range: 30 — 45

Participant Role: Elementary School Teacher

Scenario 1: Find information about ADHD

- ✓ Task 1: Find information on the characteristics of ADHD in the resources section of the website.
Success rate: 100%

Scenario 2: Finding Activities to Work with Children with ADHD

- ✓ Task 1: Find a specific activity to improve attention skills in children with ADHD using the search function and browsing the structure of the web page.
Success rate: 100%

Scenario 3: Find the "register student"

- ✓ Task 1: Find the section to register the student profile.
Success rate: 100%

Scenario 4: Find the "activity log"

- ✓ Task 1: Find the section to register an activity carried out by the student in the application.
Success rate: 100%

Participant satisfaction:

Likert scale used for satisfaction assessment: This scale consists of a series of statements or statements on which participants must indicate their degree of agreement or disagreement. Typically, a range of response options representing different levels of agreement or disagreement is provided, and participants must select the option that best reflects their opinion. The response options on a Likert scale generally follow a structure of 5 or 7 points, although they can vary as well. For example, a 5-point scale might have the following options:

The navigation allowed me to move seamlessly between the different sections and activities.

- 1: Strongly Disagree
- 2: Disagree
- 3: Neutral
- 4: Agree
- 5: Strongly Agree

I was able to quickly access the different categories of educational activities.

- 1: Strongly Disagree
- 2: Disagree
- 3: Neutral
- 4: Agree
- 5: Strongly Agree

The terms used in the links and menus of the website were understandable and descriptive.

- 1: Strongly Disagree
- 2: Disagree
- 3: Neutral
- 4: Agree
- 5: Strongly Agree

I consider that the structure and organization of the navigation menu is clear and understandable.

- 1: Strongly Disagree
- 2: Disagree
- 3: Neutral
- 4: Agree
- 5: Strongly Agree

The information and details provided on the website about the items were adequate.

- 1: Strongly Disagree
- 2: Disagree
- 3: Neutral
- 4: Agree
- 5: Strongly Agree

Quantitative results:

Time taken by each participant to complete the test:

- Participant #1 – 150 sec = 2:30 min
- Participant #2 – 139 sec = 2:19 min
- Participant #3 – 125 sec = 2:05 min
- Participant #4 – 105 sec = 1:45 min
- Participant #5 – 117 sec = 1:57 min
- Participant #6 – 74 sec = 1:14 min

The average time is 118.33 sec = 1.9822 minutes

Number of clicks of each participant to complete the test:

- Participant #1 – 14 clicks
- Participant #2 – 13 clicks
- Participant #3 – 12 clicks
- Participant #4 – 11 clicks
- Participant #5 – 12 clicks
- Participant #6 – 9 clicks

The average number of clicks is: 11.83 clicks

Percentage of participants who completed each task correctly:

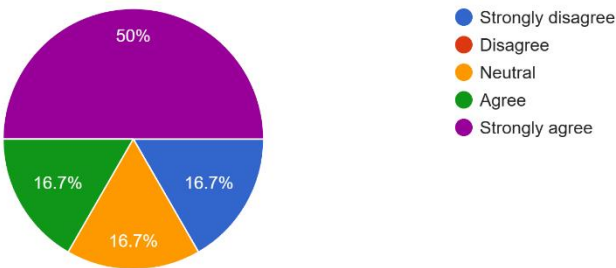
- Participant #1 – 100%
- Participant #2 – 100%
- Participant #3 – 100%
- Participant #4 – 100%
- Participant #5 – 100%
- Participant #6 – 100%

The average percentage of tasks completed is 100%.

Ratings given in the satisfaction survey:

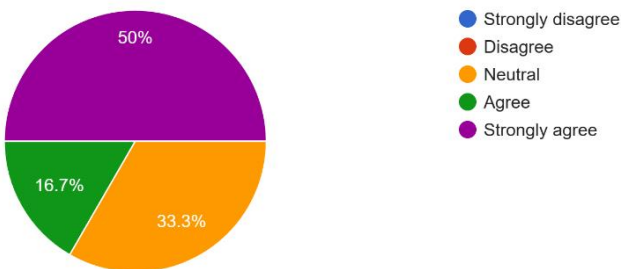
The navigation allowed me to move seamlessly between the different sections and activities.

The navigation allowed me to move seamlessly between the different sections and activities.
6 respuestas



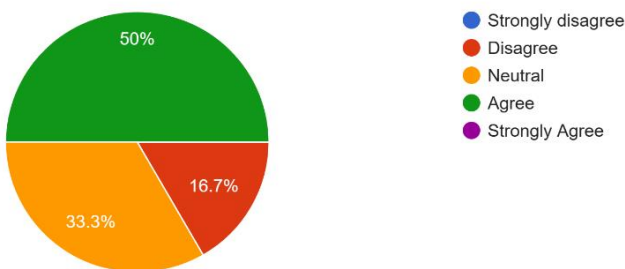
I was able to quickly access the different categories of educational activities.

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6 respuestas



The terms used in the links and menus of the website were understandable and descriptive.

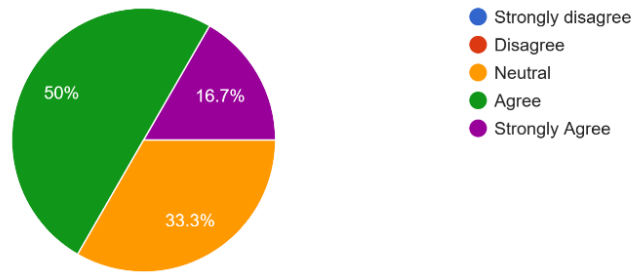
The terms used in the links and menus of the website were understandable and descriptive.
6 respuestas



I consider that the structure and organization of the navigation menu is clear and understandable.

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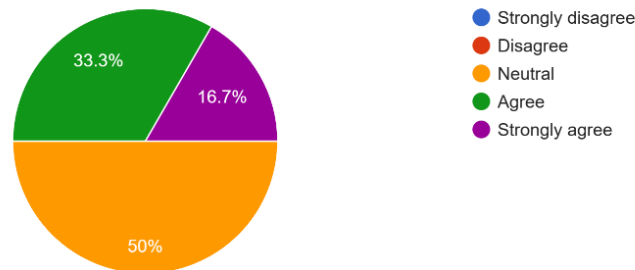
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The information and details provided on the website about the items were adequate.

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6 respuestas



Qualitative results:

Feedback from participants was generally good, however, several participants reported difficulty understanding the meaning and function of the tags used on the web page, such as "sources", "activities" and "information". These labels were confusing for most of the participants, affecting their navigation and general understanding of the content. Although the organization of the elements, buttons and text boxes was generally considered adequate, some participants experienced difficulties using certain features and sections. This suggests the need to make improvements to the usability of the website, such as more intuitive and accessible navigation.

Conclusions:

As can be seen, most of our participants managed to get good results both in the time it takes to complete the tasks and in the number of clicks needed to complete them. In terms of task completion time, half of the participants were in the "excellent" range and the other half in the "acceptable" range. Regarding the number of clicks, most of the participants were in the "acceptable" range, while only one was in the "poor" range. These results suggest that our website is easy to navigate and that users can easily find what they are looking for.

Overall, participants expressed overall satisfaction with the app, however some recurring issues were identified that require attention. On the one hand, the understanding of the labels used on the web page, such as sources, activities and

information, was confusing for most of the participants, indicating the need to improve the clarity and consistency of the terminology used.

On the other hand, the navigation in the web page was considered acceptable due to the organization of the elements, the buttons and the text boxes. However, it is recommended to make adjustments to achieve a more intuitive and accessible navigation, ensuring a smooth experience for users.

The strengths identified in the application include its attractive and user-friendly visual design, user registration and access functionality, as well as the variety of educational activities available. These aspects demonstrate the potential of the application to support teachers in creating dynamic activities in the classroom for children with ADHD.

However, specific improvements are recommended, such as providing clear instructions and usage guides for different app elements, implementing a more efficient search system and filters to make it easier to find specific activities, and addressing tag comprehension issues. to prevent confusions.