

+SUS

- Site Web PHP

Arthur Alves Novaes
Gabriela Prajo Beretta
Francisco Lorenssute dos Santos
Marielly Vitoria das Graças de Alcantara

OBJETIVO GERAL

Criar um sistema de agendamento de consultas e exames que seja intuitivo e de fácil acesso para todos aqueles que usam o site da prefeitura da Serra para tal função.

Link do GitHub

<https://github.com/maisSUS/maisSUS-web.git>

Desafio: ACESSIBILIDADE

Adicionar recursos que forneçam acessibilidade para os usuários com necessidades específicas.

Para isso, usamos os seguintes recursos:

- Tabindex
- Texto alternativo (alt) nas imagens do site
- Contraste de cores de acordo com o padrão WCAG (min 4.5)
- Tornar toda área dos botões clicáveis
- Language em pt-br
- **Botões que permitem:**
 - Aumentar/Diminuir tamanho das fontes
 - Selecionar fonte de dislexia
 - Aumentar o contraste das páginas (p&b ou amarelo+preto)

ACESSIBILIDADE

Tabindex

Adicionamos tabindex a alguns elementos, a fim de tornarmos a naveabilidade pelo teclado possível.

```
<span id="calendar-prev" class="material-symbols-rounded" tabindex="0">chevron_left</span>
<span id="calendar-next" class="material-symbols-rounded" tabindex="0">chevron_right</span>
```

ACESSIBILIDADE

Alt nas imagens

Adicionamos alt="" nas imagens que não são apenas para decoração , para que pessoas com algum problema de visão possam saber, por meio do leitor de tela utilizado por elas, o que é aquela imagem.

```
id="olho" class="olho" title="mostrar senha" alt="imagem clicável de um olho em preto e branco para mostrar a senha" tabindex="0">>
```

ACESSIBILIDADE

Contraste de, no mínimo, 4.5 entre as cores

Alteramos algumas cores do site para que o contraste entre fonte e fundo seguisse o padrão WCAG (Web Content Accessibility Guidelines). Isso torna a visualização do site melhor e mais acessível para todos os usuários, especialmente os que possuem alguma deficiência visual.

Utilizamos este site para verificar o contraste: <https://app.contrast-finder.org/?lang=pt>

The screenshot shows the 'Cor do texto' (Text color) set to 'white' and the 'Cor de fundo' (Background color) set to '#2d6157'. A note below explains that the color can be entered in hexadecimal, RGB, or color names like 'white'. The 'Rácio minimo' (Minimum ratio) is set to '4.5'. To the right, a green checkmark indicates a '7.1' ratio, which is above the required 4.5. An arrow points from the tool's output to the '+SUS' logo.

Cor do texto: white

Cor de fundo: #2d6157

Cor em hexadecimal, RGB ou com palavras-chave de cores.
Exemplo: #FFFFFF, rgb(255,255,255) ou white

Rácio minimo: 4.5

7.1

Header:



ACESSIBILIDADE

Language em português do Brasil

Determinamos o idioma do site para facilitar a navegação para pessoas que dependem de ferramentas como tradutores automáticos ou leitores de tela.

```
<!DOCTYPE html>
<html Lang="pt-br">
<head>
```

ACESSIBILIDADE

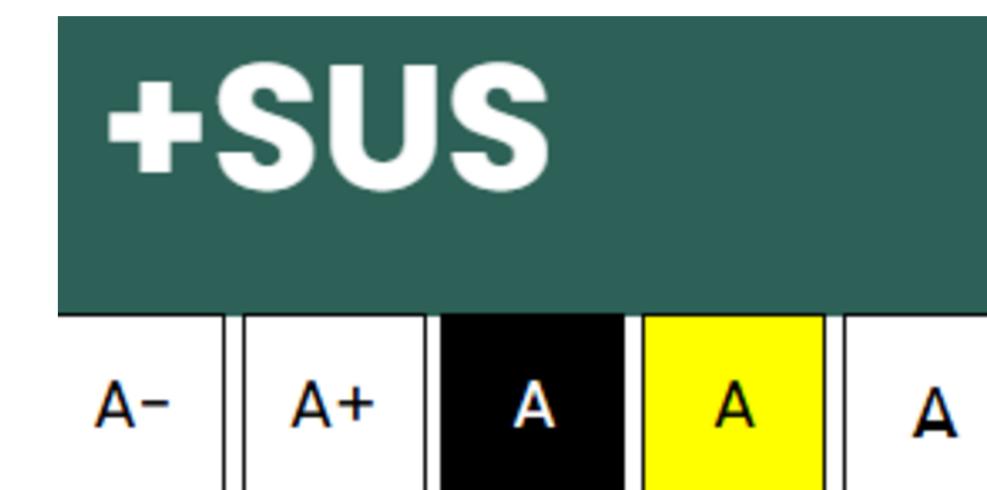
Barra de acessibilidade

Adicionamos uma barra de acessibilidade, em todas as páginas, que fornece recursos para: mudar tamanho da fonte, mudar o contraste das páginas e trocar a fonte para uma própria para quem tem dislexia (<https://fonts.cdnfonts.com/css/opendyslexic>).

Link da barra que pegamos de referência:

<https://codepen.io/suryanaga/pen/nwqBBO>

Além disso, também usamos JQuery para que o JavaScript funcionasse.



TECNOLOGIAS

Header por include

Adicionamos a barra de navegação, junto aos botões de acessibilidade, por meio do include, em todas as páginas necessárias.

```
<?php  
|   include 'header.php';  
?>
```

TECNOLOGIAS

CPF e telefone com autoformatação via JS

O usuário não precisa digitar os pontos, hifens ou parênteses para deixar os dados na forma pedida.

CPF

123.456.789-00

Telefone

(DDD) 12345-6789

PRINT DAS TELAS

Utilizamos o lighthouse para avaliar os indices de acessibilidade do site

Mudanças visuais:

- Acessibilidade de cores
- Título nas páginas
- Melhor disposição de elementos em UBS e Vacinas
- Adição de duas telas

ANTES

The screenshot shows a web browser window with a pink header bar. The address bar displays `localhost:8080/TrabProgWeb/`. The main content area shows a login form for '+SUS'. The form includes fields for 'CPF ou Cartão do SUS' and 'Senha', and buttons for 'Entrar' and 'Esqueci minha senha'. Below the form, there's a link 'Não possui conta? Crie uma aqui'. To the right of the form, the Chrome DevTools Lighthouse audit results are displayed. The results show a score of 74 for Accessibility and 100 for Best Practices. A red box highlights two specific issues under the 'NAMES AND LABELS' section:

- ▲ Image elements do not have `alt` attributes
- ▲ Form elements do not have associated labels

The Lighthouse interface also shows other sections like Elements, Console, Sources, Network, and a summary at the bottom.

+SUS

Faça seu login

CPF ou Cartão do SUS

Senha

Entrar

Esqueci minha senha

Não possui conta? [Crie uma aqui](#)

DevTools is now available in Portuguese!
Always match Chrome's language Switch DevTools to Portuguese
 Don't show again

Elements Console Sources Network Lighthouse >>

10:19:33 - localhost:8080

http://localhost:8080/TrabProgWeb/

74 100

Accessibility Best Practices

▲ 0-49 ■ 50-89 ● 90-100

74

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

NAMES AND LABELS

▲ Image elements do not have `alt` attributes

▲ Form elements do not have associated labels

Console What's new

Highlights from the Chrome 129 update

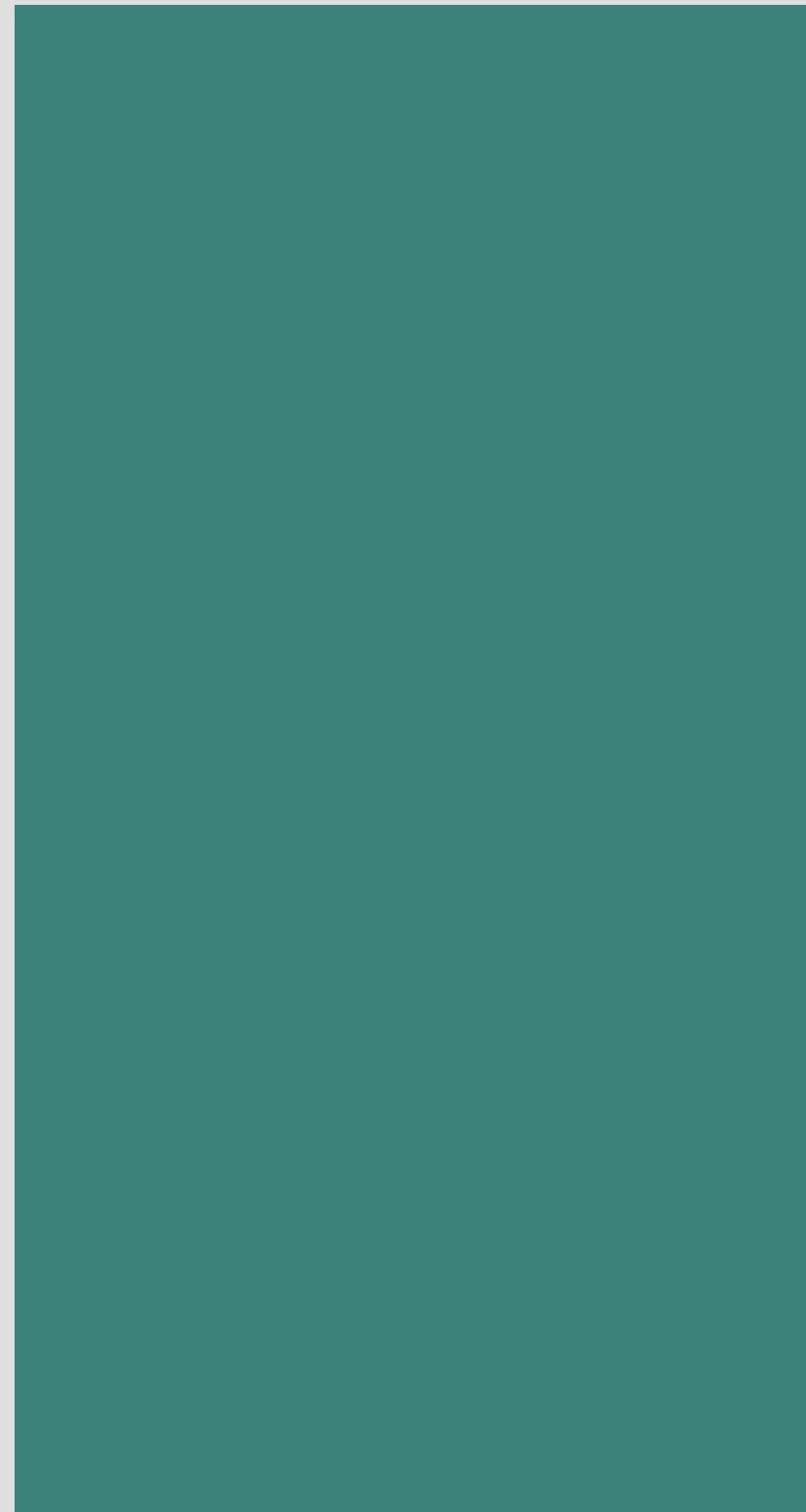
Search in the Performance > Network track

You can now search requests in the Network track of the Performance panel and, additionally, see stack traces in Timings.

[Ativar o Windows](#) [Ativar o Google Cloud para adquirir Windows](#)



DEPOIS



+SUS

Faça seu login

CPF

123.456.789-00

Senha

Entrar

Não possui conta? [Crie uma aqui](#)

DevTools is now available in Portuguese!

Always match Chrome's language Switch DevTools to Portuguese Done

Elements Console Sources Network Lighthouse >>

07:57:15 - localhost:8080

http://localhost:8080/maisSUS-web/

100 100

Accessibility Best Practices

▲ 0–49 ■ 50–89 ● 90–100

100

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is encouraged.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

- Interactive controls are keyboard focusable
- Interactive elements indicate their purpose and state
- The page has a logical tab order

Console What's new X AI assistance

Highlights from the Chrome 131 update

Annotate performance findings

Label items and time ranges, draw connections between items, save and share annotated traces in the Performance panel.

Ignore listing improvements

ANTES

The screenshot shows a web browser window with a registration form and a performance audit report.

Registration Form:

- Header:** +SUS
- Title:** Crie uma conta
- Fields:**
 - Nome *: Nome (placeholder)
 - Sobrenome *: Sobrenome (placeholder)
 - E-mail *: nome@dominio.com
 - CPF *: 123.456.789-00
 - Confirmar e-mail *: nome@dominio.com
 - Cartão do SUS *: 123-4567-8912-3456
 - Senha *: *****
 - Telefone *: (DDD) 12345-6789
 - Confirmar senha *: *****
- Buttons:** Criar conta, Já possui conta? (with link to Faça o login)

Lighthouse Audit Results:

- Overall Score:** 91
- Performance:** 100
- Accessibility:** 91
- Best Practices:** 100
- Score Legend:** ▲ 0–49, ■ 50–89, ● 90–100
- Accessibility Details:** These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.
- Contrast Issues:** Background and foreground colors do not have a sufficient contrast ratio.
- Content Opportunities:** These are opportunities to improve the legibility of your content.
- Console:** Shows highlights from the Chrome 129 update.
- Network:** Shows search in the Performance > Network track.
- Autofill:** Shows use test address data in the Autocomplete panel.

DEPOIS

The screenshot shows a web browser window with a pink header bar. The address bar displays `localhost:8080/maisSUS-web/cadastro.php`. The main content area features the '+SUS' logo at the top left. Below it is a form titled 'Crie uma conta' (Create an account) with fields for Nome completo (Nome: Nome), E-mail (E-mail: 123), CPF (CPF: 123.456.789-00), Senha (Senha: ...), Cartão do SUS (Cartão do SUS: 123456789123456), Confirmar senha (Confirmar senha: *****), and Telefone (Telefone: (DDD) 12345-6789). The form includes a 'Criar conta' (Create account) button and a link 'Já possui conta? Faça o login' (Already have an account? Log in). Above the form are five font size adjustment buttons: A-, A+, A (black), A (yellow), and A+. The right side of the screen shows the Lighthouse accessibility audit results. It displays scores of 100 for Accessibility and Best Practices. A large green circle with a '100' indicates the overall accessibility score. Below this, a section titled 'Accessibility' provides a summary: 'These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.' A list of 'ADDITIONAL ITEMS TO MANUALLY CHECK (10)' is provided, each with a dropdown arrow. The items include: Interactive controls are keyboard focusable, Interactive elements indicate their purpose and state, The page has a logical tab order, Visual order on the page follows DOM order, User focus is not accidentally trapped in a region, and HTML5 landmark elements are used to improve navigation. At the bottom of the browser window, there is a taskbar with icons for File Explorer, Mail, Google Chrome, and others, along with system status indicators like battery level and date/time.

ANTES

Página Principal

SUS

Página Principal | Perfil | Sair

Agendar Consultas

Vacinas

Agendar Exames

Unidades de Saúde

Meus Agendamentos

100 Accessibility

100 Best Practices

100 Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

NAVIGATION

The page contains a heading, skip link, or landmark region

Console What's new

Highlights from the Chrome 129 update

Search in the Performance > Network track

You can now search requests in the Network track of the Performance panel and, additionally, see stack traces for a [Windows Timings](#).

Ativar o Windows

Use test address data in the Autofill panel

Todos os direitos reservados ©

DEPOIS

The screenshot shows the +SUS web application interface after accessibility improvements. The main navigation bar includes 'Página Principal', 'Perfil', and 'Sair'. A red box highlights the font size adjustment controls ('A-', 'A+', 'A', 'A', 'A') and the welcome message 'Bem-vindo, Chicoiins!'. The page features several cards: 'Agendar Consultas' (calendar icon), 'Agendar Exames' (calendar icon), 'Meus Agendamentos' (checkmark icon), 'Vacinas' (vial icon), and 'Unidades de Saúde' (hospital building icon). The footer contains the copyright notice 'Todos os direitos reservados ©'. On the right, the Chrome DevTools Lighthouse audit results are displayed, showing scores of 100 for Accessibility and Best Practices, and 100 for the overall Accessibility audit. A note at the bottom of the audit section encourages manual testing.

Página Principal Perfil Sair

+SUS

Bem-vindo, Chicoiins!

A- A+ A A A

Agendar Consultas

Agendar Exames

Meus Agendamentos

Vacinas

Unidades de Saúde

Todos os direitos reservados ©

DevTools is now available in Portuguese!
Always match Chrome's language Switch DevTools to Portuguese
Don't show again

Elements Console Sources Network Lighthouse > X

18:26:24 - localhost:8080 X

http://localhost:8080/maisSUS-web/pagPrincipal.php

100 100

Accessibility Best Practices

▲ 0–49 ■ 50–89 ● 90–100

100

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

ADDITIONAL ITEMS TO MANUALLY CHECK (10) Hide

- Interactive controls are keyboard focusable
- Interactive elements indicate their purpose and state
- The page has a logical tab order
- Visual order on the page follows DOM order
- User focus is not accidentally trapped in a region
- The user's focus is directed to new content added to the page
- HTML5 landmark elements are used to improve navigation

Ativar o Windows

Digite aqui para pesquisar

POR 18:26 PTB2 26/11/2024

ANTES

The screenshot shows a web browser window with a profile page for a user named Francisco Veiga. The page includes fields for Nome Completo (Nome Completo), E-mail (E-mail), CPF (CPF), and Cartão Nacional de Saúde (Cartão Nacional de Saúde). A green button labeled "Alterar dados" (Change data) is visible. The browser's DevTools Lighthouse audit results are displayed on the right, showing an Accessibility score of 89 (orange circle) and Best Practices at 100 (green circle). The audit details section highlights a contrast issue: "Background and foreground colors do not have a sufficient contrast ratio.", which is highlighted with a red border.

Perfil

localhost:8080/TrabProgWeb/perfil.php

SUS

Página Principal Meus Agendamentos Sair

Perfil

Dados Pessoais

Nome Completo
Francisco Veiga

E-mail
eutentei@fuimlk.com.br

CPF
160.616.570-48

Telefone
(XX) XXXXX-XXXX

Cartão Nacional de Saúde
754.891.263.781

Alterar dados

89
Accessibility

100
Best Practices

89
Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

CONTRAST

Background and foreground colors do not have a sufficient contrast ratio.

Console What's new

Highlights from the Chrome 129 update

Search in the Performance > Network track

You can now search requests in the Network track of the Performance panel and, additionally, see stack traces in Timings.

Ativar o Windows

Use test address data in the Autocomplete panel

DEPOIS

The screenshot shows a web browser window displaying the '+SUS' application's profile page at localhost:8080/maisSUS-web/perfil.php. The page has a dark green header with the '+SUS' logo and navigation links for 'Página Principal', 'Perfil', and 'Sair'. Below the header is a toolbar with font size controls (A-, A+, A, A, A). The main content area is titled 'Perfil' and contains a 'Dados Pessoais' section with fields for 'Nome Completo' (Francisco Veiga Santos), 'E-mail' (eutentei@fuimlk.com), 'CPF' (160.616.570-48), and 'Telefone' ((27) 99123-4567). There is also a field for 'Cartão Nacional de Saúde' (754891263781234) and a 'Alterar dados' button. The browser's DevTools panel is open on the right, specifically the 'Lighthouse' audit tab, which shows a score of 100 for both 'Accessibility' and 'Best Practices'. The audit results indicate opportunities to improve accessibility, such as ensuring interactive controls are keyboard focusable and visual order follows DOM order. The system status bar at the bottom shows the date and time as 26/11/2024 18:28.

ANTES

The screenshot shows a web application for scheduling medical appointments. The main navigation bar includes links for 'Página Principal', 'Meus Agendamentos', 'Perfil', and 'Sair'. A sidebar on the left contains the 'SUS' logo. The main content area displays three dropdown menus: 'Selecione uma unidade:' (Feu Rosa), 'Escolha uma especialidade:' (Clínico Geral), and 'Escolha um especialista:' (Kátia Flávia dos Santos). Below these dropdowns are two buttons: 'Voltar' (Back) and 'Continuar' (Continue).

The developer tools on the right show the Lighthouse audit results:

- Accessibility:** Score 85 (Orange circle)
- Best Practices:** Score 100 (Green circle)
- Contrast:** Issues: Background and foreground colors do not have a sufficient contrast ratio.

The Lighthouse report also includes sections for 'Elements', 'Console', 'Sources', 'Network', and 'Performance'.

DEPOIS

The screenshot shows a web browser window for 'Agendamento de Consulta' at localhost:8080/maisSUS-web/agendaConsulta.php. The page displays a form for selecting a unit, specialty, and specialist. The browser's address bar shows the URL. A DevTools panel is open on the right, specifically the Lighthouse audit results. The audit score is 100 for both Accessibility and Best Practices. The Lighthouse report includes a section titled 'Accessibility' with a note about checking opportunities for improving web app accessibility. Below this, there is a list of 10 additional items to manually check, such as 'Interactive controls are keyboard focusable' and 'HTML5 landmark elements are used to improve navigation'. The Windows taskbar at the bottom shows various pinned icons.

Agendamento de Consulta

Selezione uma unidade:

Feu Rosa

Escolha uma especialidade:

Clínico Geral

Escolha um especialista:

Kátia Flávia dos Santos

Voltar Continuar

100 100

Accessibility Best Practices

▲ 0–49 ■ 50–89 ● 90–100

100

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

ADDITIONAL ITEMS TO MANUALLY CHECK (10) Hide

- Interactive controls are keyboard focusable
- Interactive elements indicate their purpose and state
- The page has a logical tab order
- Visual order on the page follows DOM order
- User focus is not accidentally trapped in a region
- The user's focus is directed to new content added to the page
- HTML5 landmark elements are used to improve navigation

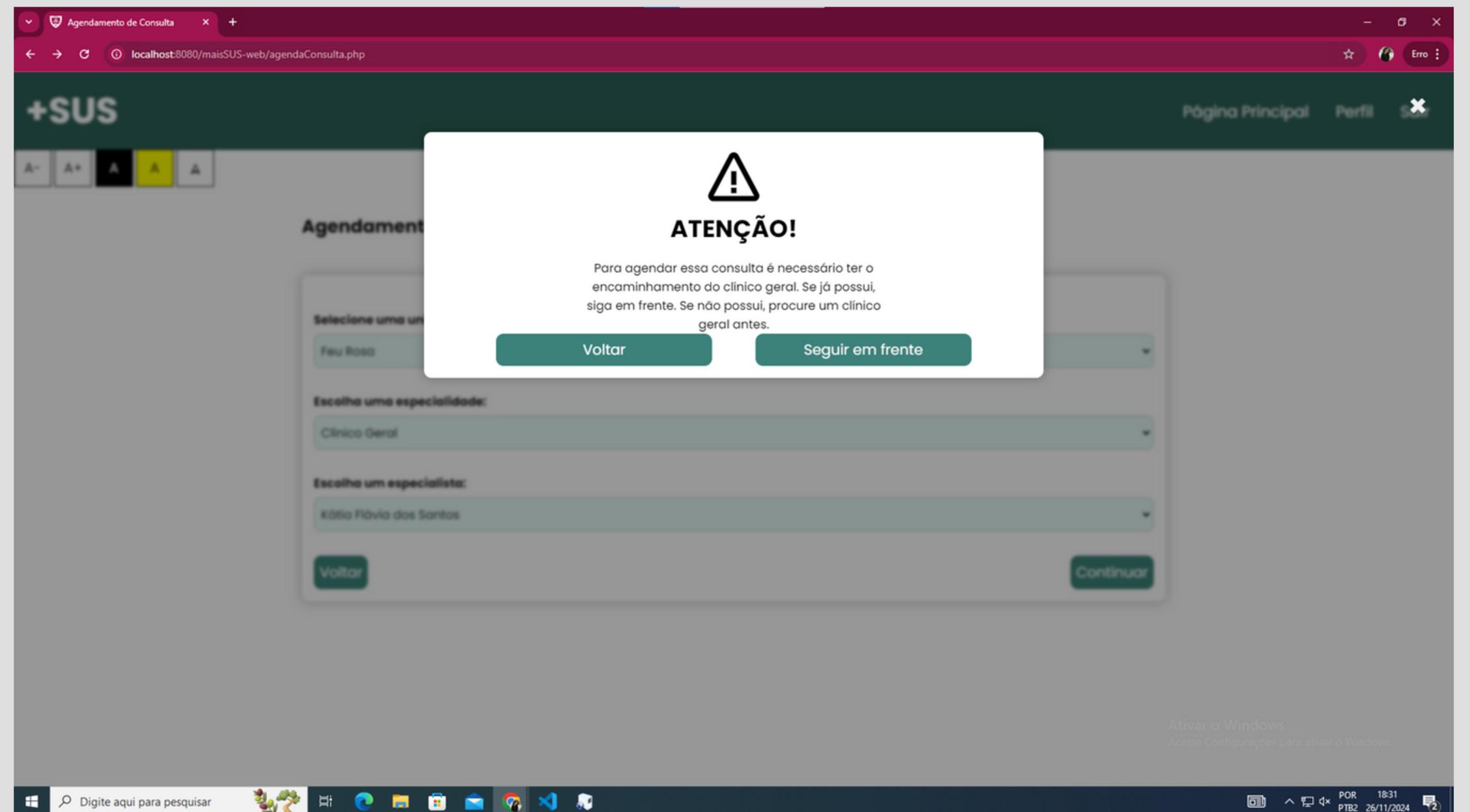
Digite aqui para pesquisar

Ativar o Windows

POR PTB2 18:29 26/11/2024

NOVO MODAL

Aviso da necessidade do encaminhamento de um clínico geral para a consulta ser válida



ANTES

The screenshot shows a web application interface for scheduling appointments. The main header reads "SUS". The navigation bar includes links for "Página Principal", "Meus Agendamentos", "Perfil", and "Sair". The left side features a modal window divided into two sections: "1. Escolha uma data:" and "2. Escolha um horário:". The "1. Escolha uma data:" section displays a calendar for October 2024, with the 4th highlighted in green. The "2. Escolha um horário:" section shows a grid of time slots from 08:00 to 13:40 in 20-minute increments. Below the calendar are "Voltar" and "Finalizar agendamento" buttons. The "2. Escolha um horário:" section has a "Finalizar agendamento" button at the bottom. On the right, the DevTools Lighthouse audit results are displayed, showing an overall score of 84. The audit details include:

- Accessibility:** Score 84
- Best Practices:** Score 100

The Lighthouse audit also provides feedback on contrast, stating: "Background and foreground colors do not have a sufficient contrast ratio." A red box highlights this specific issue in the audit report.

DEPOIS

Horário e data

localhost:8080/maisSUS-web/agendaHorario.php

+SUS

Página Principal | Perfil | Sair

A- | A+ | A | A | A

Agendamento de consulta

1. Escolha uma data:

Novembro 2024 < >

Dom	Seg	Ter	Qua	Qui	Sex	Sab
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

2. Escolha um horário:

08:00	08:20	08:40
09:00	09:20	09:40
10:00	10:20	10:40
11:00	11:20	11:40
12:00	12:20	12:40
13:00	13:20	13:40

Voltar | Continuar

93 Accessibility | 100 Best Practices

93 Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

CONTRAST

Background and foreground colors do not have a sufficient contrast ratio.

Por causa das datas desabilitadas, mas não tem o que fazer

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

PASSED AUDITS (12) Ativar o Windows

NOT APPLICABLE (44)

Digite aqui para pesquisar

18:30 POR PTB2 26/11/2024

ANTES



DEPOIS

Foi transformada em uma tela de resumo do agendamento antes de concluir o processo

The screenshot shows a web browser window with the '+SUS' logo at the top left. The top navigation bar includes links for 'Página Principal', 'Perfil', and 'Sair'. On the right side of the header, there is a Lighthouse performance audit interface. The audit results show a score of 100 for both 'Accessibility' and 'Best Practices', with a color scale indicating 0-49 (red), 50-89 (orange), and 90-100 (green). Below the header, the main content area has a title 'DADOS DA CONSULTA'. A central modal box displays the following information:

Confira seus dados:

- Paciente:** Francisco Veiga
- Profissional:** Dentista
- Especialidade:** Ana Paula Silva
- Data da consulta:** 02/02/2025
- Horário:** 09:00
- Unidade:** UBS Feu Rosa

At the bottom of the modal are two buttons: 'Voltar' (Back) and 'Finalizar Agendamento' (Finalize Appointment).

ANTES

The screenshot shows a web browser window titled "Agendamento de Exame" with the URL "localhost:8080/TrabProgWeb/agendaExame.php". The page has a dark green header with the SUS logo and navigation links: "Página Principal", "Meus Agendamentos", "Perfil", and "Sair". A modal dialog box is open, prompting the user to "Selecionar uma unidade:" (Select a unit) and "Escolha o exame desejado:" (Choose the desired exam). The dropdown menus show "Feu Rosa" and "Exame de Sangue" respectively. Below the dropdowns are two buttons: "Voltar" (Back) and "Continuar" (Continue).

On the right side of the browser window, the Chrome DevTools Lighthouse audit results are displayed. The results are as follows:

- Accessibility:** Score 85 (Orange circle)
- Best Practices:** Score 100 (Green circle)
- Contrast:** Score 85 (Orange circle)

The Lighthouse report includes a note about accessibility opportunities and a section about contrast.

At the bottom of the browser window, the DevTools console tab is visible, showing "Console" and "What's new". A message indicates "Highlights from the Chrome 129 update".

DEPOIS

localhost:8080/maisSUS-web/agendaExame.php

+SUS

Página Principal | Perfil | Sair

A- A+ A A A

Agendamento de Exame

Selecionar uma unidade:

Feu Rosa

Escolha o exame desejado:

Exame de Sangue

Voltar Continuar

DevTools is now available in Portuguese!

Always match Chrome's language Switch DevTools to Portuguese

Don't show again

Elements Console Sources Network Lighthouse > 18:32:49 - localhost:8080

http://localhost:8080/maisSUS-web/agendaExame.php

100 100

Accessibility Best Practices

▲ 0–49 ■ 50–89 ● 90–100

100

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

ADDITIONAL ITEMS TO MANUALLY CHECK (10) Hide

Interactive controls are keyboard focusable

Interactive elements indicate their purpose and state

The page has a logical tab order

Visual order on the page follows DOM order

User focus is not accidentally trapped in a region

The user's focus is directed to new content added to the page

HTML5 landmark elements are used to improve navigation

Digite aqui para pesquisar

Ativar o Windows

POR PTB2 18:32 26/11/2024

ANTES

Meus Agendamentos

localhost:8080/TrabProgWeb/meusAgendamentos.php

SUS

Página Principal Perfil Sair

← Meus agendamentos

CONSULTE OU CANCELE SEUS AGENDAMENTOS

Dentista

Nome do paciente: Fulano da Silva Santos

Data da consulta: dd/mm/yyyy

Ver mais

Dentista

Nome do paciente: Fulano da Silva Santos

Data da consulta: dd/mm/yyyy

Ver mais

Dentista

Nome do paciente: Fulano da Silva Santos

Data da consulta: dd/mm/yyyy

Ver mais

Cancelar

Cancelar

Cancelar

DevTools is now available in Portuguese!

Always match Chrome's language Switch DevTools to Portuguese

Don't show again

Elements Console Sources Network Lighthouse >

11:00:45 - localhost:8080

http://localhost:8080/TrabProgWeb/meusAgendamentos.php

92 Accessibility

100 Best Practices

▲ 0–49 ■ 50–89 ● 90–100

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

Contrast

Background and foreground colors do not have a sufficient contrast ratio.

Console What's new

Highlights from the Chrome 129 update

Search in the Performance > Network track

You can now search requests in the Network track of the Performance panel and, additionally, see stack traces in para ativar o Windows Timings.

Ativar o Windows

Use test address data in the Autofill panel

DEPOIS

The screenshot shows a web browser window displaying the Mais SUS web application at localhost:8080/maisSUS-web/meusAgendamentos.php. The page title is "Meus Agendamentos". The main content area displays three appointment cards, each for a "Dentista". Each card includes fields for "Nome do paciente" (Fulano da Silva Santos) and "Data da consulta" (dd/mm/yyyy), and a "Ver mais" button. The Lighthouse accessibility audit results are visible on the right side of the browser window, showing scores of 100 for Accessibility and Best Practices, and 100 for the overall Accessibility score. The audit also lists 10 additional items to manually check.

Meus Agendamentos

localhost:8080/maisSUS-web/meusAgendamentos.php

+SUS

Página Principal | Perfil | Sair

A- A+ A A A

← Meus agendamentos

CONSULTE OU CANCELE SEUS AGENDAMENTOS

Dentista

Nome do paciente: Fulano da Silva Santos

Data da consulta: dd/mm/yyyy

Ver mais

Dentista

Nome do paciente: Fulano da Silva Santos

Data da consulta: dd/mm/yyyy

Ver mais

Dentista

Nome do paciente: Fulano da Silva Santos

Data da consulta: dd/mm/yyyy

Ver mais

Cancelar

Cancelar

Cancelar

DevTools is now available in Portuguese!

Always match Chrome's language | Switch DevTools to Portuguese | Don't show again

Elements | Console | Sources | Network | Lighthouse | 18:33:47 - localhost:8080 | http://localhost:8080/maisSUS-web/meusAgendamentos.php

100 100

Accessibility Best Practices

▲ 0–49 ■ 50–89 ● 90–100

100

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

Interactive controls are keyboard focusable

Interactive elements indicate their purpose and state

The page has a logical tab order

Visual order on the page follows DOM order

User focus is not accidentally trapped in a region

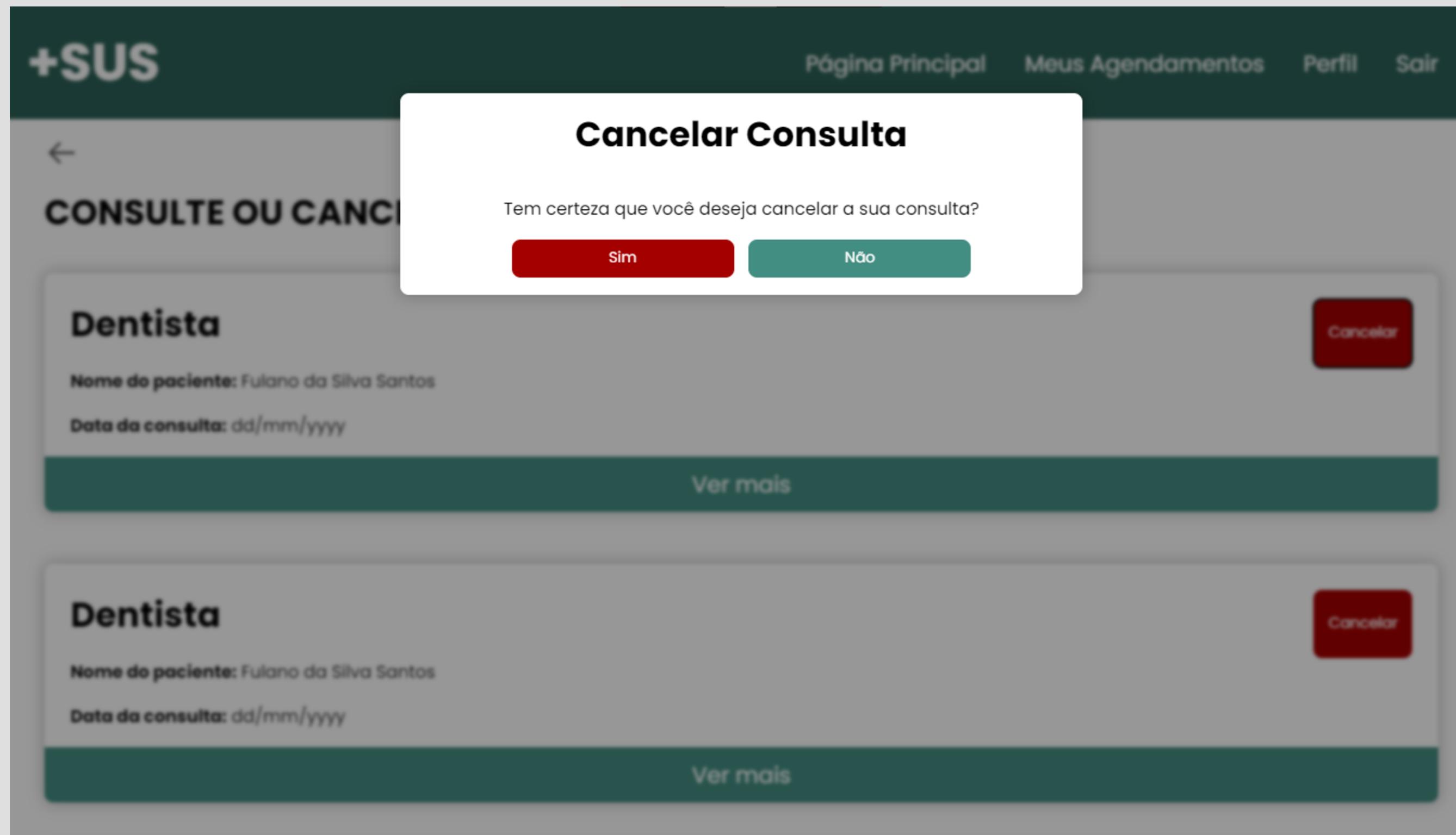
The user's focus is directed to new content added to the page

HTML5 landmark elements are used to improve navigation

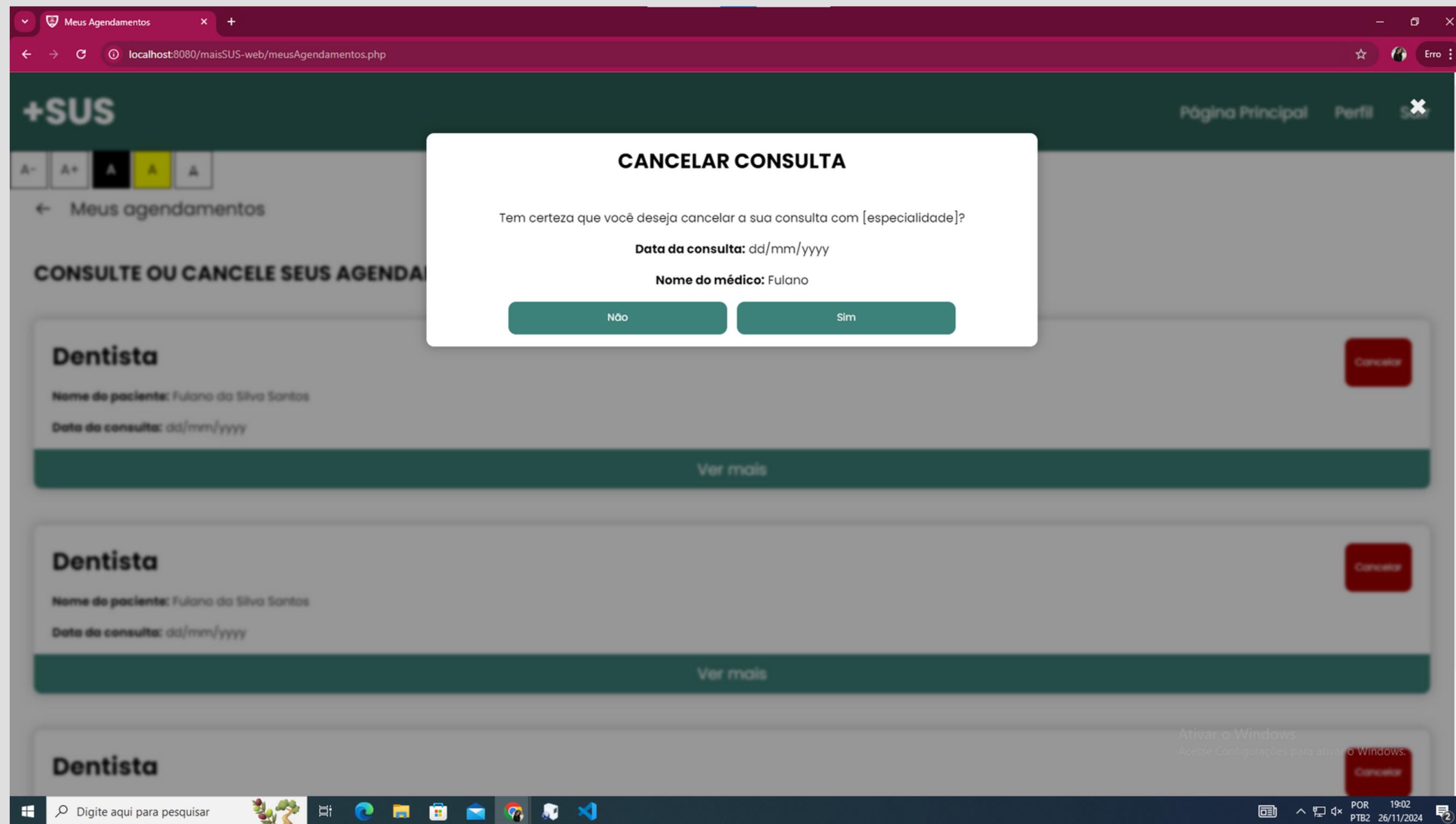
Digite aqui para pesquisar

18:33 POR PTB2 26/11/2024

ANTES



DEPOIS



IGUAL

The screenshot shows a web browser window titled "Meus Agendamentos" with the URL "localhost:8080/maisSUS-web/meusAgendamentos.php". The page is part of the "+SUS" system, specifically for managing appointments. A modal dialog box in the center of the screen displays the message "CONSULTA CANCELADA" (Appointment Cancelled) and the sub-message "A sua consulta foi cancelada com sucesso." (Your appointment was cancelled successfully). A green "Ok" button is visible at the bottom of the modal. The background of the page shows a list of three dental appointments, each with a "Cancelar" (Cancel) button. The first appointment is for a Dentista, patient Fulano da Silva Santos, on an unspecified date. The second and third appointments are also for a Dentista, patient Fulano da Silva Santos, on unspecified dates. Each appointment row has a "Ver mais" (View more) button. At the bottom right of the page, there is a small "Ativar o Windows" (Activate Windows) message with a "Cancelar" button. The browser's taskbar at the bottom includes icons for search, file, and various applications like Microsoft Word, Excel, and Google Chrome.

ANTES

The screenshot shows a web browser window with a pink header bar containing tabs for 'prajog (Gabriela Prajo Beretta) / F', 'Visão - Gestão PI', 'Untitled design - Presentation - C', and 'Mais Info'. The main content area displays a web page for 'SUS' (Brasilian National Health System) titled 'Informações do agendamento' (Appointment Information). The page shows a 'DENTISTA' (Dentist) appointment for 'Consulta' (Consultation). The patient is 'Fulano da Silva Santo', the professional is 'Luiza da Conceição Oliveira', and the date is 'dd/mm/yyyy'. The appointment is at '08:00' at 'UBS Feu Rosa' in '14A'. There are two buttons at the bottom: 'Voltar' (Back) and 'Cancelar' (Cancel).

To the right of the browser, an Lighthouse accessibility audit report is open. It shows a score of 92 for 'Acessibilidade' (Accessibility) and 100 for 'Práticas recomendadas' (Recommended practices). A legend indicates that green dots represent scores from 90-100, orange from 50-89, and red from 0-49. Below this, a section titled 'Acessibilidade' (Accessibility) provides opportunities for improvement, mentioning contrast issues. Other sections visible include 'CONTRASTE' (Contrast), 'OUTROS ITENS PARA VERIFICAÇÃO MANUAL (10)' (Other items for manual verification), and 'AUDITORIAS APROVADAS (11)' (Approved audits). A note at the bottom says 'Ativar o Windows' (Activate Windows) and 'Acesse Configurações para ativar o Windows.' (Access settings to activate Windows.).

DEPOIS

The screenshot shows a web browser window displaying the '+SUS' application at localhost:8080/maisSUS-web/infoAgendamento.php. The page title is 'Informações do agendamento' (Appointment Information). A modal dialog box is open, titled 'DENTISTA' (DENTIST), showing appointment details: Paciente: Fulano da Silva Santo, Profissional: Luiza da Conceição Oliveira, Data da consulta: dd/mm/yyyy, Horário: 08:00, and Unidade: UBS Feu Rosa. Below the modal are two buttons: 'Voltar' (Back) and 'Cancelar' (Cancel).

The browser's top navigation bar includes links for 'Página Principal', 'Perfil', and 'Sair'. On the far right of the top bar, there is a message about DevTools being available in Portuguese, with options to 'Always match Chrome's language', 'Switch DevTools to Portuguese', or 'Don't show again'. The status bar at the bottom of the browser window shows the date and time as '18:34:45 - localhost:8080'.

On the right side of the browser window, the Lighthouse accessibility audit results are displayed. The overall score is 100. The report highlights 'Accessibility' and 'Best Practices' both at 100. A legend indicates that red triangles represent scores from 0-49, orange squares represent 50-89, and green circles represent 90-100. Below the scores, a detailed description of the accessibility audit is provided, mentioning opportunities to improve the accessibility of the web app and encouraging manual testing. A section for additional items to manually check (10) is also shown, listing various items such as interactive controls being keyboard focusable, elements indicating purpose and state, logical tab order, visual order following DOM order, user focus not being trapped in a region, and the use of HTML5 landmark elements for navigation.

ANTES

The screenshot shows a web browser window with a pink header bar containing tabs for 'prajog (Gabriela Prajo Beretta) / F', 'Visão - Gestão PI', 'Untitled design - Presentation - C', and 'Vacinas'. The main content area features a dark green header with the '+SUS' logo and navigation links for 'Página Principal', 'Meus Agendamentos', 'Perfil', and 'Sair'. Below this, a section titled 'Vacinas' lists five vaccine types: Hepatite A, Hepatite B, HPV, Coronavírus, and Febre amarela, each with an edit icon and a 'Detalhes' button. To the right, a Lighthouse accessibility audit report is displayed. It shows a score of 84 for 'Acessibilidade' (Accessibility) and 100 for 'Práticas recomendadas' (Recommended practices). A color scale at the bottom indicates scores from 0-49 (red), 50-89 (orange), and 90-100 (green). The 'Acessibilidade' section includes a note about opportunities for improvement and a link to 'melhorar a acessibilidade do seu app da Web'. The 'CONTRASTE' (Contrast) section has a single alert: 'As cores de primeiro e segundo plano não têm uma taxa de contraste suficiente.' (The colors of the foreground and background do not have a sufficient contrast ratio.). The 'PRÁTICAS RECOMENDADAS' (Recommended Practices) section also has a single alert: 'As áreas de toque não têm tamanho ou espaçamento suficiente.' (Touchable areas do not have enough size or spacing). At the bottom of the screen, a Windows taskbar shows the search bar 'Digite aqui para pesquisar', several pinned icons, and system status indicators.

DEPOIS

The screenshot shows a web browser window displaying the '+SUS' vacinas page at localhost:8080/maisSUS-web/vacinas.php. The page lists various vaccines: Hepatite A, Coronavírus, Hepatite B, Febre amarela, HPV, and Tétano, each with a 'Detalhes' button. The browser's DevTools Lighthouse audit panel is open on the right, showing scores of 100 for Accessibility and Best Practices. The audit details section includes sections for Navigation, Additional Items to Manually Check (10), Passed Audits (11), and Not Applicable (45). The system status bar at the bottom indicates 'Ativar o Windows' and 'Acesse Configurações para ativar o Windows.'

localhost:8080/maisSUS-web/vacinas.php

+SUS

Página Principal | Perfil | Sair

A- A+ A A A

← Vacinas

Hepatite A Detalhes

Coronavírus Detalhes

Hepatite B Detalhes

Febre amarela Detalhes

HPV Detalhes

Tétano Detalhes

100 100

Accessibility Best Practices

100

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

NAVIGATION

The page contains a heading, skip link, or landmark region

These are opportunities to improve keyboard navigation in your application.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

PASSED AUDITS (11) Ativar o Windows

Acesse Configurações para ativar o Windows.

NOT APPLICABLE (45)

Digite aqui para pesquisar

18:35 POR PTB2 26/11/2024

ANTES

The screenshot shows a web browser window with a pink header bar containing tabs for 'prajog (Gabriela Prajo Beretta) / P', 'Visão - Gestão PI', 'Untitled design - Presentation - C', and 'Mais Info'. The main content area displays a +SUS vaccination information page for Hepatitis A. The page includes a title 'Hepatite A', a note about 'Quantidade de doses: dose única', an age range 'Idade: de 15 meses de idade até 5 anos incompletos', a section for 'Unidades com disponibilidade:' listing UBS Feu Rosa, UBS Jacaraípe, UBS P. Res. Laranjeiras, UBS Nova Almeida, and UBS Novo Horizonte, and a 'Voltar' button. To the right of the main content, the Lighthouse accessibility audit results are displayed. The audit summary shows a score of 84/100. The 'Acessibilidade' section highlights a low contrast issue with a red warning icon. The 'Práticas recomendadas' section lists items for improvement. The bottom of the screen shows the Windows taskbar with various pinned icons and the system tray.

localhost:8080/TrabProgWeb/infoVac.php

+SUS

Hepatite A

Quantidade de doses: dose única

Idade: de 15 meses de idade até 5 anos incompletos

Unidades com disponibilidade:

- UBS Feu Rosa
- UBS Jacaraípe
- UBS P. Res. Laranjeiras
- UBS Nova Almeida
- UBS Novo Horizonte

Voltar

Acessibilidade Práticas recomendadas

84 100

84

Acessibilidade

As verificações destacam oportunidades para melhorar a acessibilidade do seu app da Web. A detecção automática só detecta um subconjunto de problemas e não garante a acessibilidade do seu app da Web. Portanto, também recomendamos o teste manual.

CONTRASTE

As cores de primeiro e segundo plano não têm uma taxa de contraste suficiente.

Veja aqui oportunidades de melhorar a legibilidade do seu conteúdo.

PRÁTICAS RECOMENDADAS

As áreas de toque não têm tamanho ou espaçamento suficiente.

Ativar o Windows

OUTROS ITENS PARA VERIFICAÇÃO MANUAL (10)

Console Problemas

Digite aqui para pesquisar

08:28 POR PTB2 08/10/2024

DEPOIS

The screenshot shows a web browser window with a green header bar. The main content area displays the '+SUS' vaccine information page for Hepatitis A. The page includes the following text:

Hepatite A

Quantidade de doses: dose única

Idade: de 15 meses de idade até 5 anos incompletos

Unidades com disponibilidade:

- UBS Feu Rosa
- UBS Jacaraípe
- UBS P. Res. Laranjeiras
- UBS Nova Almeida
- UBS Novo Horizonte

A green "Voltar" (Back) button is located at the bottom right of the modal.

On the right side of the browser window, the Chrome DevTools Lighthouse audit tab is open, showing results for the URL <http://localhost:8080/maisSUS-web/infoVac.php>. The audit results are as follows:

- Accessibility: 100
- Best Practices: 100

The Lighthouse interface also includes a legend for scores: 0–49 (red), 50–89 (orange), and 90–100 (green). Below the scores, there is a section titled "Accessibility" with a detailed description and a list of additional items to manually check (10).

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

- Interactive controls are keyboard focusable
- Interactive elements indicate their purpose and state
- The page has a logical tab order
- Visual order on the page follows DOM order
- User focus is not accidentally trapped in a region
- The user's focus is directed to new content added to the page
- HTML5 landmark elements are used to improve navigation

The browser's taskbar at the bottom shows various pinned icons and the system clock indicating 18:37 on 26/11/2024.

ANTES

The screenshot shows a web browser window with two tabs: 'localhost:8080/TrabProgWeb/ubs.php' and 'Untitled design - Presentation - C'. The main content area displays a list of six UBS units: UBS Feu Rosa, UBS Jacaraipe, UBS Nova Almeida, UBS P. Res. Laranjeiras, UBS Novo Horizonte, and UBS Lorem Ipsum. Each unit has a thumbnail icon, a name, a location placeholder 'Localização R. parara', and a 'Detalhes' button.

To the right of the main content, a Lighthouse accessibility audit is displayed. It shows a summary score of 84 (Acessibilidade) and 100 (Práticas recomendadas). A legend indicates scores from 0-49 (red), 50-89 (orange), and 90-100 (green). Below the summary, the 'Acessibilidade' section details opportunities for improvement, mentioning insufficient contrast and touchable areas. The 'CONTRASTE' section highlights a lack of sufficient contrast between foreground and background colors. The 'PRÁTICAS RECOMENDADAS' section lists common accessibility best practices. At the bottom, there are links to 'Ativar o Windows' and 'OUTROS ITENS PARA VERIFICAÇÃO MANUAL (10)'.

DEPOIS

The screenshot shows a web browser window displaying the '+SUS' application. The page title is 'Unidades' and the URL is 'localhost:8080/maisSUS-web/ubs.php'. The main content area shows a list of basic health units (UBS) with their names, icons, and localization details. Each entry has a 'Detalhes' button. The right side of the screen displays the Chrome DevTools Lighthouse audit results for the same URL. The audit score is 100 for both Accessibility and Best Practices. A large green circle indicates a perfect score. Below the scores, there is a summary of opportunities to improve accessibility and a list of additional items to manually check. The Windows taskbar at the bottom includes icons for Start, Search, File Explorer, Edge, Task View, Mail, Google Chrome, and File Explorer.

← Unidades básicas de saúde

URS Feu Rosa
Localização R. parara

UBS P. Res. Laranjeiras
Localização R. parara

UBS Jacaraipe
Localização R. parara

UBS Novo Horizonte
Localização R. parara

UBS Nova Almeida
Localização R. parara

UBS Lorem Ipsum
Localização R. parara

Página Principal | Perfil | Sair

100 100

Accessibility Best Practices

▲ 0–49 ■ 50–89 ● 90–100

100

Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)

- Interactive controls are keyboard focusable
- Interactive elements indicate their purpose and state
- The page has a logical tab order
- Visual order on the page follows DOM order
- User focus is not accidentally trapped in a region
- The user's focus is directed to new content added to the page
- HTML5 landmark elements are used to improve navigation

Ativar o Windows

Digite aqui para pesquisar

18:40 26/11/2024

ANTES

The screenshot shows a web browser window with a pink header bar containing tabs for 'prajog (Gabriela Prajo Beretta) / P', 'Visão - Gestão PI', 'Untitled design - Presentation - C', and 'Mais Info'. The main content area displays a web page for '+SUS' (Brasil Saúde) featuring the 'UBS Feu Rosa' information. The page includes a title 'UBS Feu Rosa', location 'Localização: Feu rosa, Serra', operating hours ('Horário de funcionamento') from Monday to Sunday, and a 'Voltar' button. To the right of the page, an Lighthouse accessibility audit report is open, showing a score of 84/100. The report highlights issues related to contrast and touch targets, along with recommended practices for accessibility.

UBS Feu Rosa

Localização: Feu rosa, Serra

Horário de funcionamento:

- Segunda-Feira: 07:00 - 21:00
- Terça-Feira: 07:00 - 21:00
- Quarta-Feira: 07:00 - 21:00
- Quinta-Feira: 07:00 - 21:00
- Sexta-Feira: 07:00 - 21:00
- Sábado: Fechado
- Domingo: Fechado

Voltar

Acessibilidade

84

100

Acessibilidade Práticas recomendadas

▲ 0–49 ■ 50–89 ● 90–100

84

Acessibilidade

Essas verificações destacam oportunidades para [melhorar a acessibilidade do seu app da Web](#). A detecção automática só detecta um subconjunto de problemas e não garante a acessibilidade do seu app da Web. Portanto, também recomendamos o [teste manual](#).

CONTRASTE

▲ As cores de primeiro e segundo plano não têm uma taxa de contraste suficiente.

Veja aqui oportunidades de melhorar a legibilidade do seu conteúdo.

PRÁTICAS RECOMENDADAS

▲ As áreas de toque não têm tamanho ou espaço suficiente.

Esse item destaca as práticas recomendadas comuns para acessibilidade.

Ativar o Windows

OUTROS ITENS PARA VERIFICAÇÃO MANUAL (10)

Mostrar Acesse Configurações para ativar o Windows.

Console Problemas +

POR 08:25 PTB2 08/10/2024

DEPOIS

The screenshot shows a web browser window with the '+SUS' application open at localhost:8080/maisSUS-web/infoUBS.php. The page displays information about a health unit ('Informações da unidade de saúde') named 'UBS Feu Rosa'. It includes details like location ('Feu rosa, Serra'), contact number ('(27) 99123-4567'), and operating hours for each day of the week. A 'Voltar' (Back) button is visible at the bottom right of the content area.

On the right side of the browser, the Chrome DevTools Lighthouse audit results are displayed. The audit score is 100 for both Accessibility and Best Practices. The results section notes that the audit only detects a subset of issues and encourages manual testing. Below this, a list of additional items to manually check is provided, including:

- Interactive controls are keyboard focusable
- Interactive elements indicate their purpose and state
- The page has a logical tab order
- Visual order on the page follows DOM order
- User focus is not accidentally trapped in a region
- The user's focus is directed to new content added to the page
- HTML5 landmark elements are used to improve navigation

The status bar at the bottom of the screen shows the Windows taskbar with various pinned icons and the date/time as 18:42 PTB2 26/11/2024.