Health Advice Group - Development

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Colour and Typography

Shared CSS

These are custom variables that I have created for the main colours and the font. This makes it easier for future programmers as they will not need to remember the hex code for the colour or the font name. Additionally, they are global and can be used anywhere within the project as they have been declared within :root.

```
⊡h1 {
     font-size: 1.6rem;
     font-family: var(--heading-font), Arial, sans-serif;
     color: var(--blue-color);
     font-weight: bold;
}
⊟h2 {
     font-size: 1.3rem;
     font-family: var(--heading-font), Arial, sans-serif;
     color: var(--brown-color);
     font-weight: bold;
     text-align: left;
 3
⊟h3 {
     font-size: 1.3rem;
     font-family: var(--heading-font), Arial, sans-serif;
}
□p {
     font-size: 1rem;
     font-family: var(--text-font), Arial, sans-serif;
     text-align: left;
}
⊡li {
     font-size: 1rem;
     font-family: var(--text-font), Arial, sans-serif;
     text-align: left;
```

Rem has been used instead of px for the font size to make it more responsive for smaller screen sizes.

A different font style is used for headings and paragraphs so that it is easier to see where a section ends. Additionally fall back fonts have been added just in case the initial font does not display.

Navigation bar and Footer

Shared User Interface

Health Advice Group Home Advice and Information Risk Assessments The Weather Suppo

Sign up Logir

This is the navigation bar for the website. The navigation bar is in blue as it is the primary colour for the website and it gives feelings of trust. A logo has also been added to the left of the navigation bar to add identity to the website so that the user knows this is Health Advice Group's website. There are links to Home, Advice and Information, Risk Assessments, The Weather and Support to the left of the website. These options will not change whether you are logged in or not but Sign up and Login will change to My Account and Logout when logged in, so they are to the right of the navigation bar.

© 2023 Health Advice Group. Registered charity number 1234567

rivacy Policy

This is the footer for the website. There is a copyright symbol to show that the website was published in 2023. Additionally there will be the registered charity number in the footer to show that the charity is legitimate. The Privacy Policy can also be accessed through the footer on any page but is not on the navigation bar as it is not actively accessed.

Shared Layout

```
| Colored National Colo
```

There are comments with references to websites throughout the project which were used to help create the solution.

These links at the top are links to bootstrap as well as the CSS style sheet and the favicon image.

Bootstrap is used for the navigation bar to make it fixed to the top of the page. Also, CSS has been used to make the background of the navigation bar blue.

These are the links on the navigation bar to the controller and action for the page to display.

Page | 4

Navigation Bar and Footer CSS

To make the image inside the navigation bar fit inside, the width has been set to 50px and padding has been added to add space between the image and the text.

This moves the Privacy Policy link to the right of the footer to separate it from plain text like the registered charity number.

Home page

Home User Interface



There are simple paragraphs explaining what each section does with an image to the left or right to visually represent it.

These sections have been added to the home page with buttons as these pages will be accessed more regularly than the others.

There is a scroll bar to the right so that the user can scroll down as not all of the content is viewable without scrolling.

Home View

```
Section (1987)

Section (1987)
```

Classes have been used to group text and images that will be styled and aligned similarly.

This is a button which has been styled with bootstrap and redirects the user to the Advice and Information page.

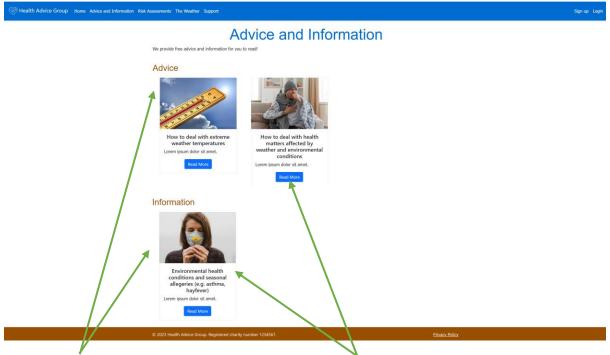
Home CSS

The text has been word wrapped to break-word so that the word continues on in the next line and does not overlap with the image.

Columns and rows have been used to align the text and image horizontally with each column taking up 50% of the container.

Advice and Information page

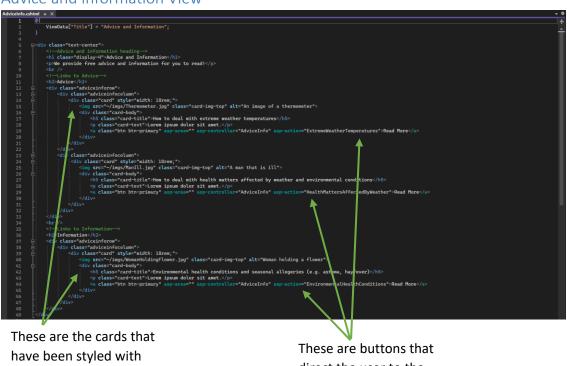
Advice and Information User Interface



Advice and Information have been separated with headings so that the user can differentiate them.

Cards have been created with the help of bootstrap to make the page more pleasing to the eye and organised. These cards have an image, title, a little description and a button which a user can press to view the article.

Advice and Information View

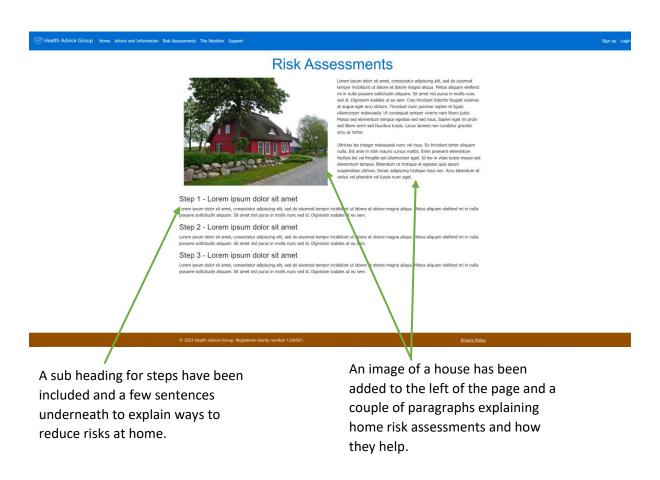


These are the cards that have been styled with bootstrap and organised within rows and columns.

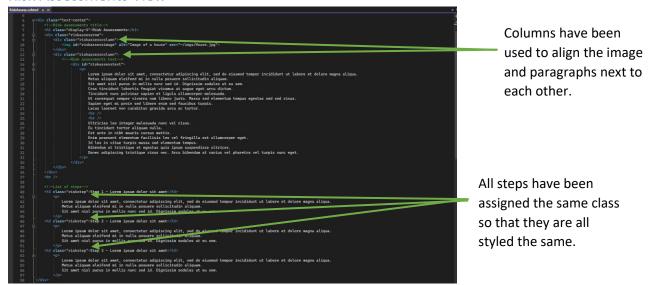
These are buttons that direct the user to the corresponding article page from the card.

Advice and Information CSS

Risk Assessments page Risk Assessments User Interface



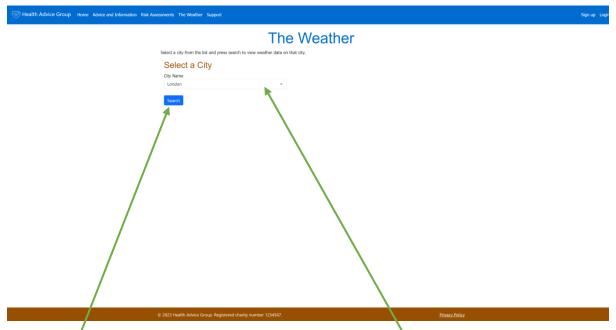
Risk Assessments View



Risk Assessments CSS

Weather page

Weather Search User Interface

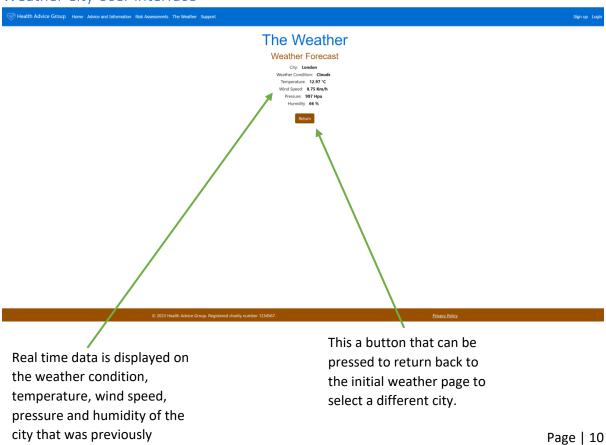


This is a button that can be pressed to search for the weather data of the selected city.

selected.

A select menu has been added to limit input errors from users who incorrectly spell a city's name. There are only three cities to select from but more can be added.

Weather City User Interface



Search City View

This is the select menu and the three cities that have been added: London, Belfast and Edinburgh. This is the search button that will take the city selected and use it within the controller and actions.

City Model

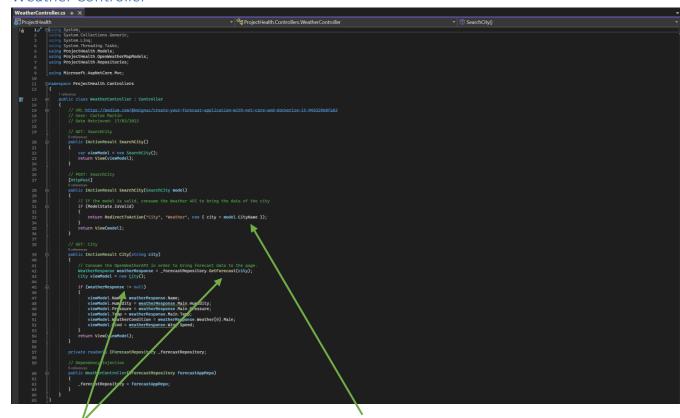
```
Give a X

| Proportionable | Proportiona
```

A display name is assigned so that it is easier for the user to understand the variable and to include spaces between the words.

Each variable has been declared as public and each have a sensible data type.

Weather Controller



When there is valid data it will be assigned to the viewModel variables which can then be displayed on the page. When a valid city is selected then it will be used to get its data from the API.

Constant Config

Forecast Repository

```
| Topic | Topi
```

This deserializes the weather data gathered from the API from string into the class data types.

This uses the selected city and the API Key to get the weather data by using RestSharp.

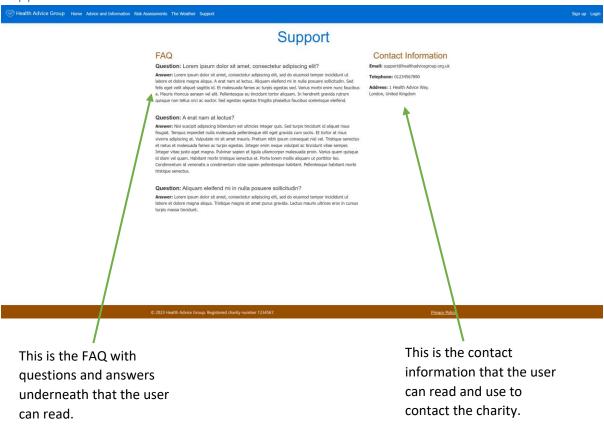
City View

```
Companied with the control of the projectional the final in the control of the co
```

Weather CSS

Support page

Support User Interface



Support View

All of the question headings were assigned to the same class so that they are styled the same.

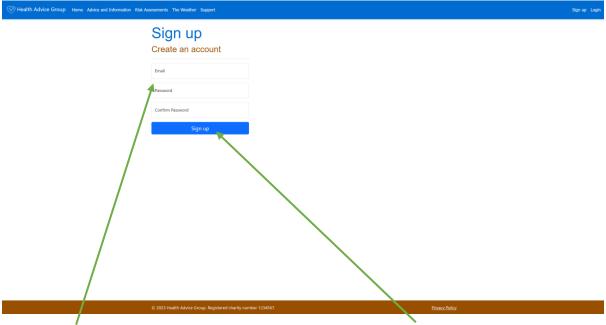
Bold tags were used to bring emphasis to the contact information for users to notice them quicker.

Support CSS

The FAQ column was given a larger flex area as the questions and answers are longer and contain more text than the contact information.

Sign up page

Sign up User Interface



This is where a user can input their email, a suitable password and the confirmation password. This is the sign up button that the user can press after inputting their email and password.

Sign up View

```
Aria-required is used to make
sure that the user has inputted
```

A form has been used to allow users to input their email, password and confirmation password.

an email and password before the account is created.

Sign up InputModel

Compare has been used to make sure that the confirm password is the same as the inputted password.

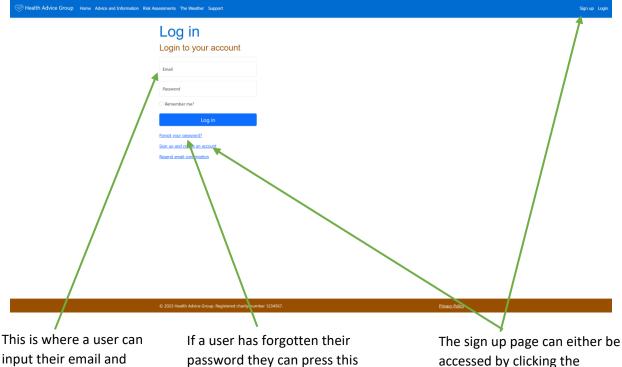
Error messages have been added to inform the user that what they inputted is invalid.

Login page

Login User Interface

password to login to their

account.



the forgot password page

link which will send them to

accessed by clicking the hyperlink or through the navigation bar.

Login View

```
| Department | Property | Propert
```

A form has again been used to allow users to input their email and password.

These are the hyperlinks which will send the user to the forgot password page, sign up page or the resend email confirmation page.

Login InputModel

```
| ProjectHealth | ProjectHealt
```

RememberMe has the bool datatype as a checkbox is used for input.

Login Validation

```
Orndemone public async Task<IActionResult> OnPostAsync(string returnUrl = null)

returnUrl ??= Url.Content("-/");

return RedirectToPage(".doginVith2fa", new { ReturnUrl = returnUrl, RememberMe = Input.RememberMe });

return RedirectToPage("./LoginVith2fa", new { ReturnUrl = returnUrl, RememberMe = Input.RememberMe });

return RedirectToPage("./LoginVith2fa", new { ReturnUrl = returnUrl, RememberMe = Input.RememberMe });

return RedirectToPage("./Lockout");

else
{
    ModelState.AddModelError(string.Empty, "Invalid login attempt.");
    return Page();
    }

// If something failed for will redisplay

return Page();
}

// If something failed for will redisplay

return Page();
}

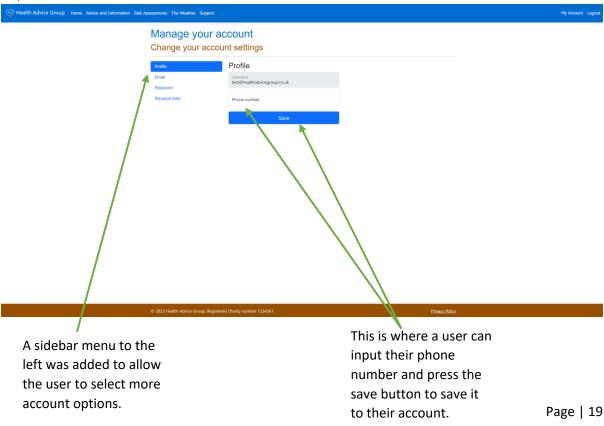
// If something failed for will redisplay

return Page();
}
```

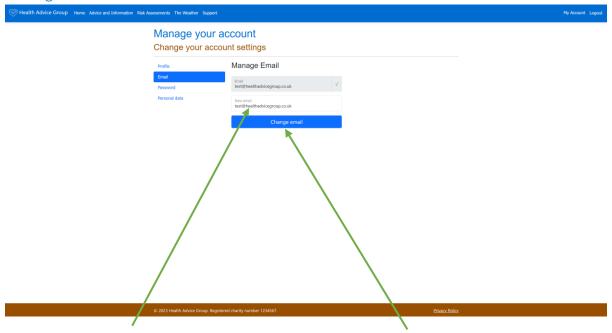
Messages are outputted to the user depending on the situation after the login button is pressed. If none of the options from the if statement passes then the page will redisplay.

My Account page

My Account User Interface

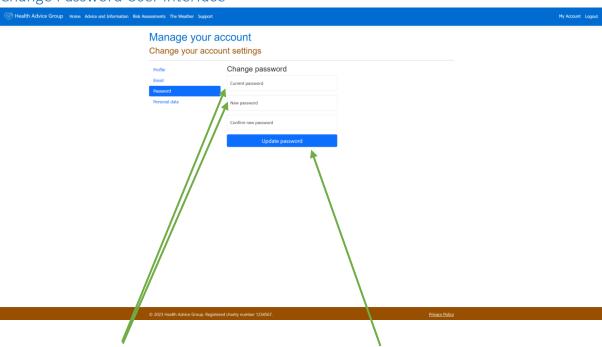


Manage Email User Interface



This is where a user can change their existing email to a new one by inputting their new email. When this button is pressed the email will be changed to the new email provided.

Change Password User Interface



This is where a user can change their password by inputting their current password and then the new password. The current password is required to prevent accidental password changes.

This is the update password button which will change the current password to the new password when pressed.

Change Password View

This makes sure that the current password inputted is valid.

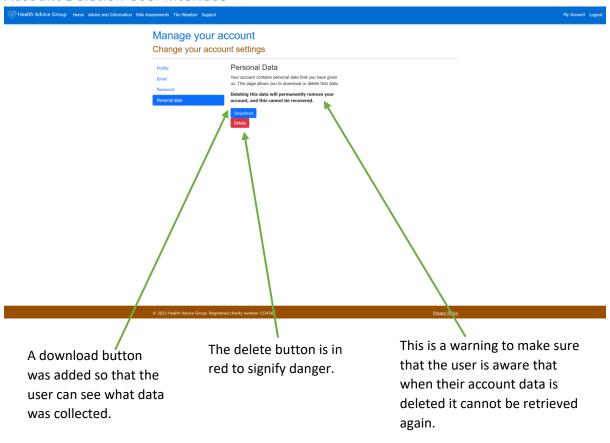
This is the update password button that needs to be pressed to make the changes.

Change Password InputModel

Error messages were added to inform the user that the passwords inputted aren't valid.

This is a length check to make sure that the new password is at least 6 characters long.

Account Deletion User Interface



Account Deletion View

all data stored.

Account Deletion Validation

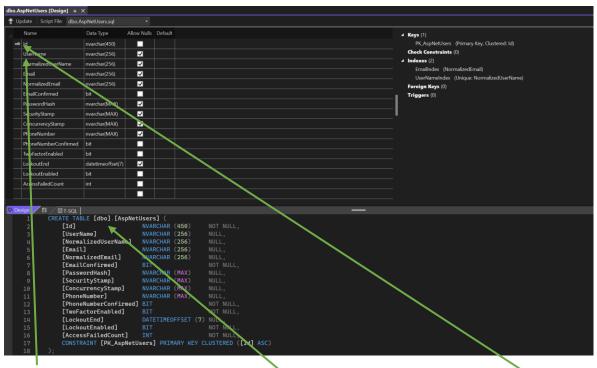
This will delete the user's account from the database.

This will sign out the user once the account has been deleted.

If the incorrect password is inputted then the user will be informed and the user is redirected to the page again.

Database

User Table



This is the User Table with the attribute's Name, Data Type and whether a NULL value is allowed.

This is the same User Table but in SQL.

This symbol shows that Id is the primary key.

User Data

