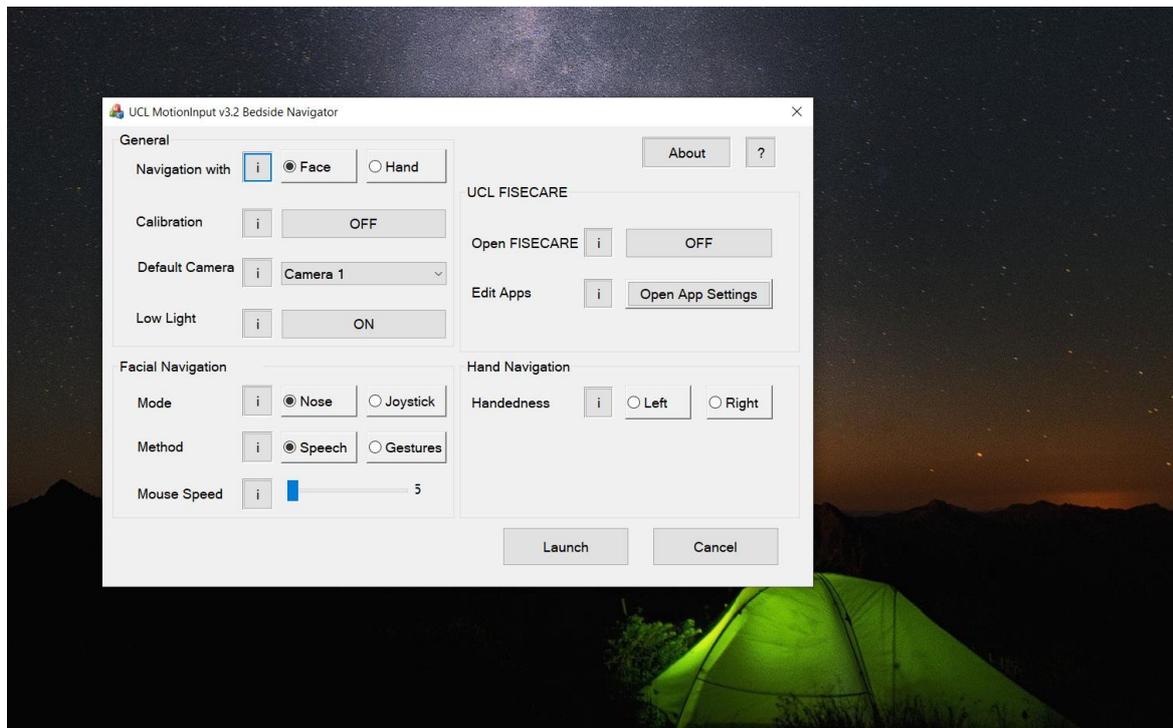


# USER MANUAL

Bedside Navigator with UCL FISECARE v2.0

## Running FISECARE with MotionInput's Bedside Navigation

Step 1: Open Bedside Navigator. The Settings Window will open.



Step 2: Select your preferred settings for navigation.

Select **Hand** if navigating the cursor with either your left or right hand OR select **Face** if navigating the cursor **using your nose**.

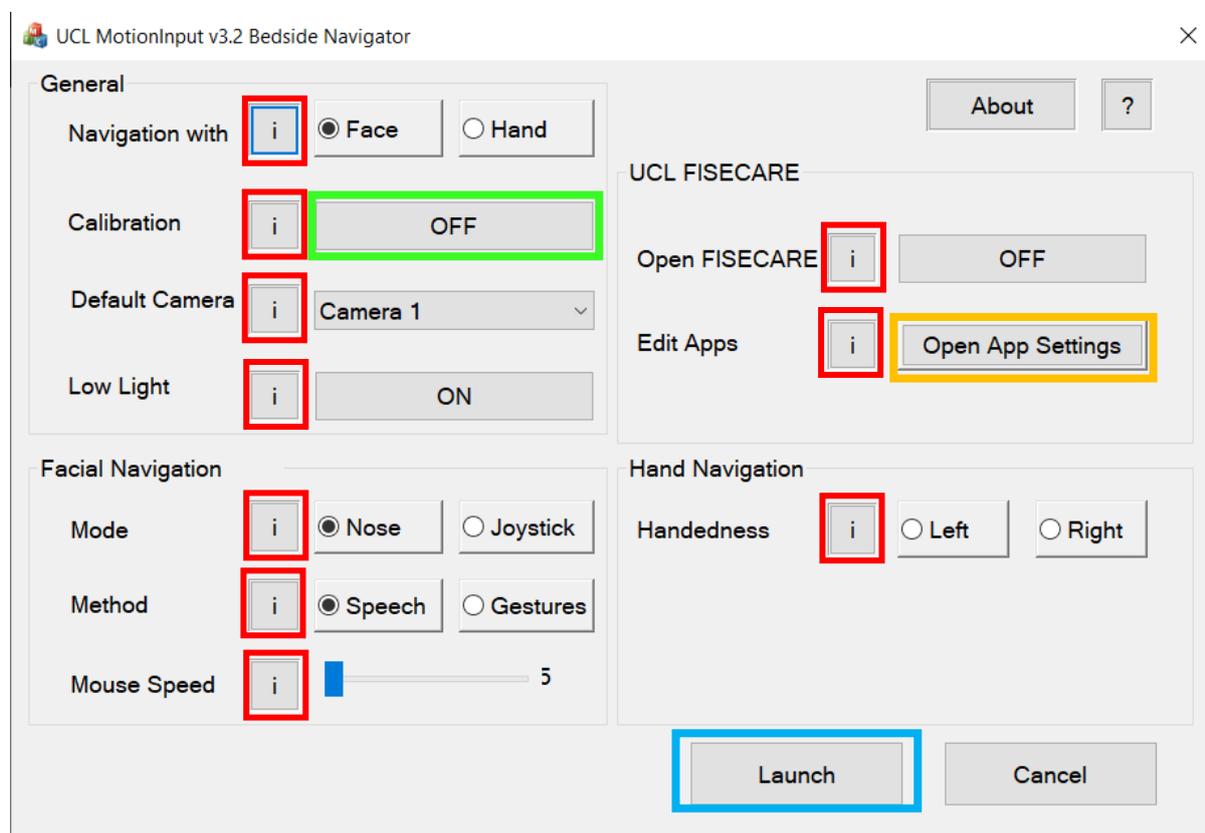
Click the **Information buttons** highlighted in **red**, beside each option to learn more about the modes. Including what gestures and speech commands are available to help you navigate FISECARE.

Finally, click the '**Launch**' button, shown highlighted in **blue** to start MotionInput.

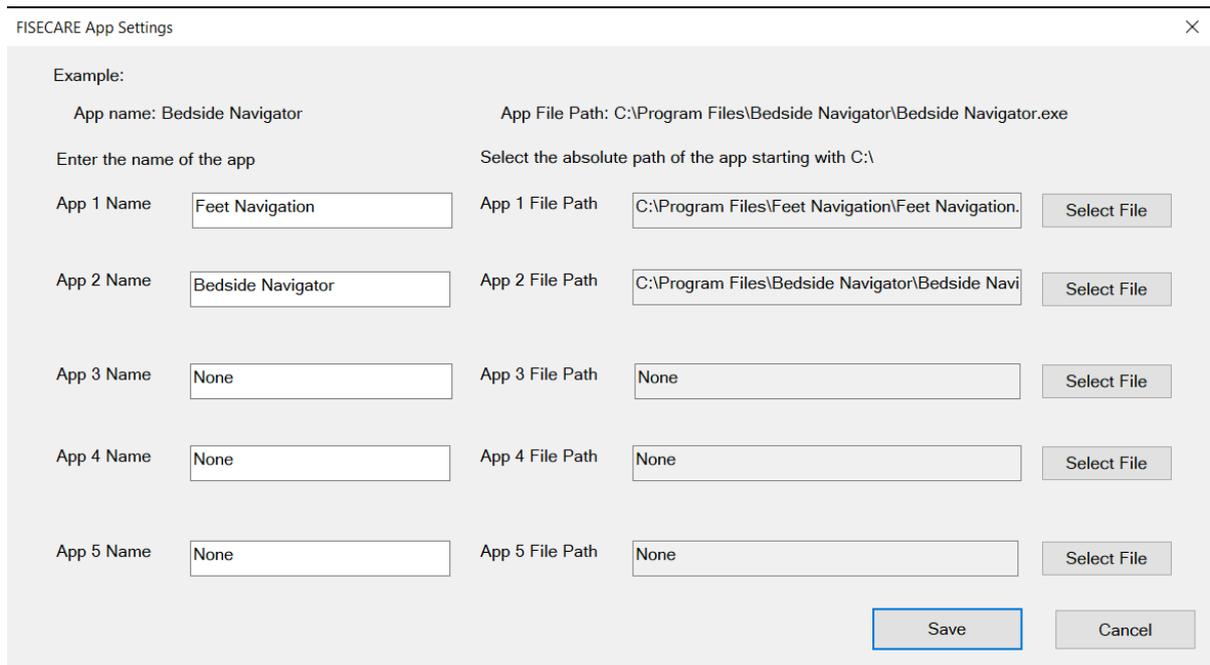
The 'Open App Settings' button allows you to edit and personalise apps on the FISECARE interface. If '**Open App Settings**' in **orange** is chosen, then follow Steps 3 onwards.

If the button highlighted in **green** is chosen, then follow Steps 4 to Steps 6.

To Launch UCL FISECARE, make sure '**LAUNCH WITH FISECARE**' is set to '**YES**'. You may need to install [.NET Desktop Runtime 6.0](#).

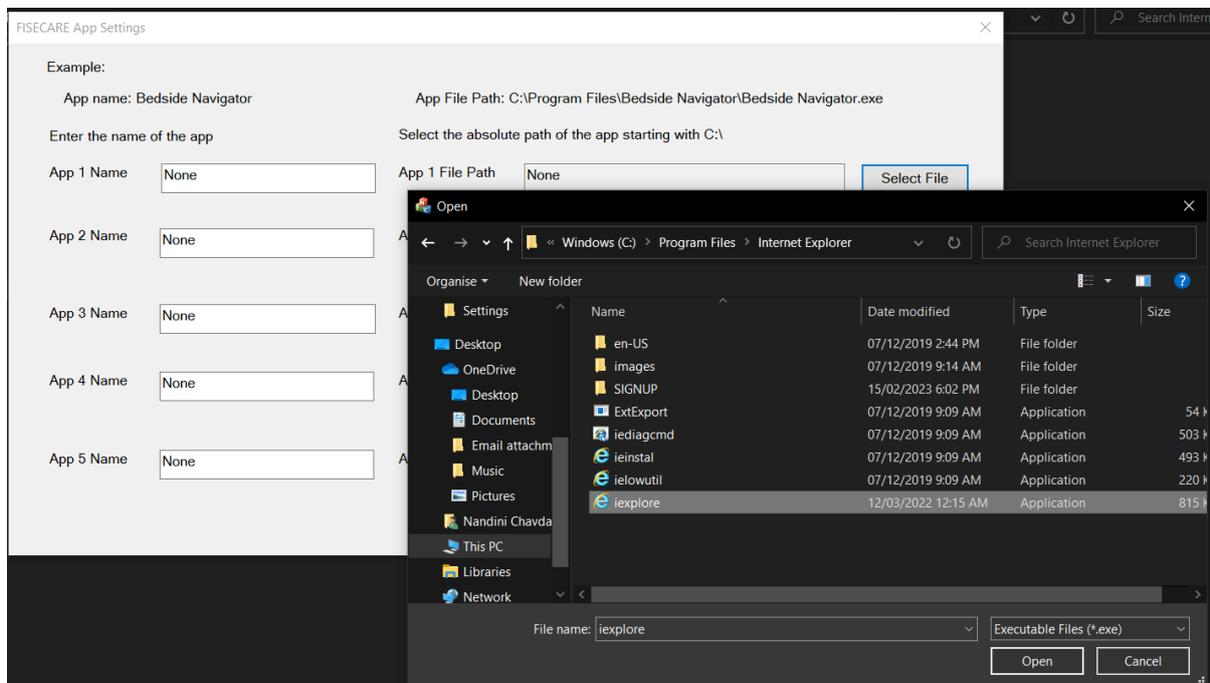


### Step 3: Edit Apps on FISECARE



A new window like the image above will pop up. Click **'Select File'** and **browse** through your files to find the **application's executable file (.exe)**. Then **give each application a name**.

For example,



FISECARE App Settings X

Example:  
App name: Bedside Navigator      App File Path: C:\Program Files\Bedside Navigator\Bedside Navigator.exe

Enter the name of the app      Select the absolute path of the app starting with C:\

App 1 Name	<input type="text" value="Internet"/>	App 1 File Path	<input type="text" value="C:\Program Files\Internet Explorer\iexplore.exe"/>	<input type="button" value="Select File"/>
App 2 Name	<input type="text" value="None"/>	App 2 File Path	<input type="text" value="None"/>	<input type="button" value="Select File"/>
App 3 Name	<input type="text" value="None"/>	App 3 File Path	<input type="text" value="None"/>	<input type="button" value="Select File"/>
App 4 Name	<input type="text" value="None"/>	App 4 File Path	<input type="text" value="None"/>	<input type="button" value="Select File"/>
App 5 Name	<input type="text" value="None"/>	App 5 File Path	<input type="text" value="None"/>	<input type="button" value="Select File"/>

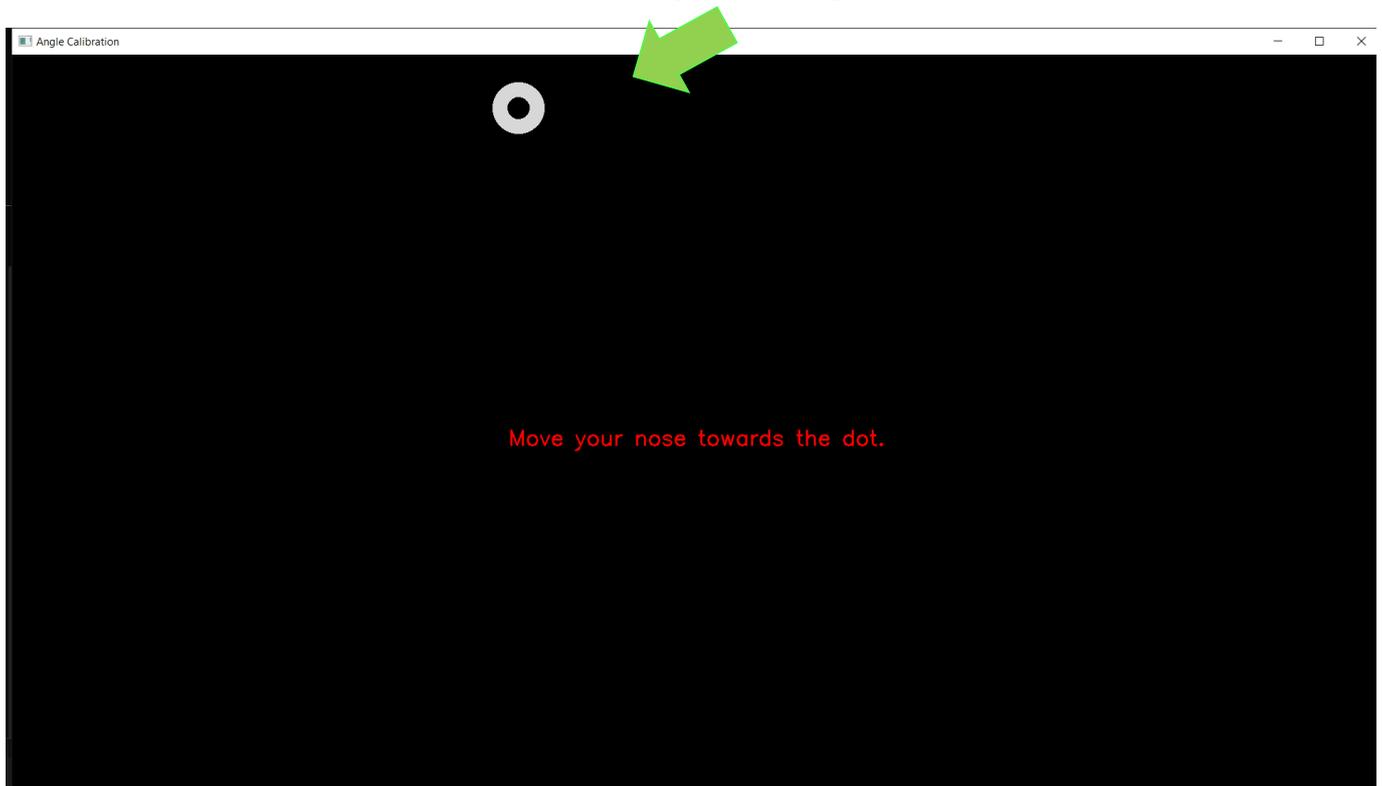
Then, **save** the file paths.

Step 4: A window will pop up to show what the camera is capturing. **Adjust the position of the camera until your face can be detected** well by MotionInput. A message will show to say when your face is detected saying 'Face Detected'.

Please wait a few seconds and stay in position until the calibration window shows.

Step 5: Below is a screenshot of how the **calibration window** looks like for face angle calibration.

The user should **follow the dots by pointing to it with their nose**.



Otherwise, for hand calibration, the user should follow the dots using their hand.

### Information for calibration:

- Please wait for calibration to start. A black screen with instructions will show.
- Dots will show to guide your face or hand.
- Hold your hand or face at the position whilst a dot flashes.
- Don't move too far – you should feel comfortable and still be able to see the instructions on the screen.
- Use the 'ESC' key on your keyboard to exit calibration whilst it is running.

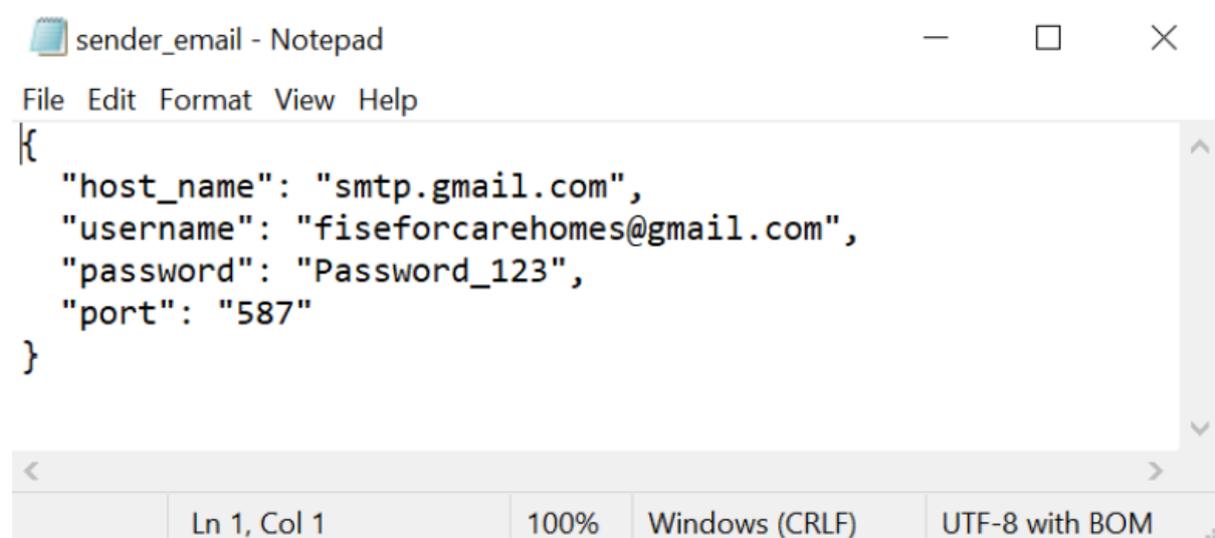
Step 6: Once the dot reaches the bottom-right corner, calibration will end. The window will close and MotionInput will run as normal in a new window.

## Setting Up (requires Keyboard and Mouse)

Step 1: Open the **FISECARE** folder and then open the **Settings** folder.

Step 2: In the **sender\_email.json** file, enter SMTP host name, your care home email, the email's password, and the port number.

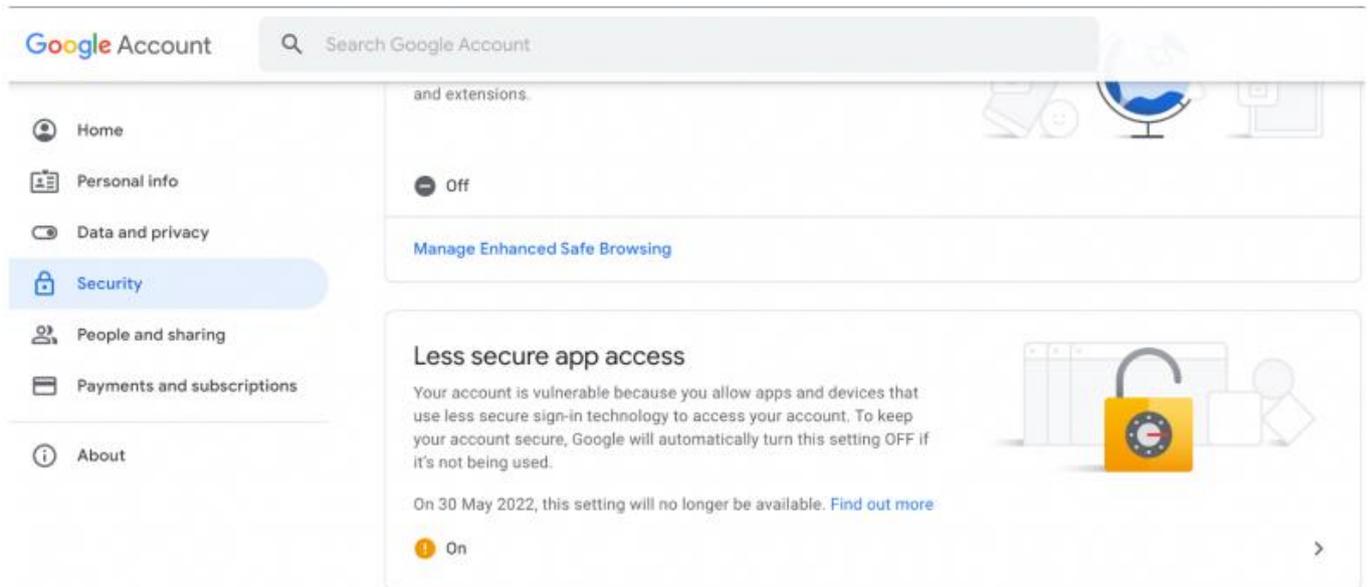
**Save** the file before closing. **Please ensure you follow the format below.** Alternatively, you could use the settings provided below:



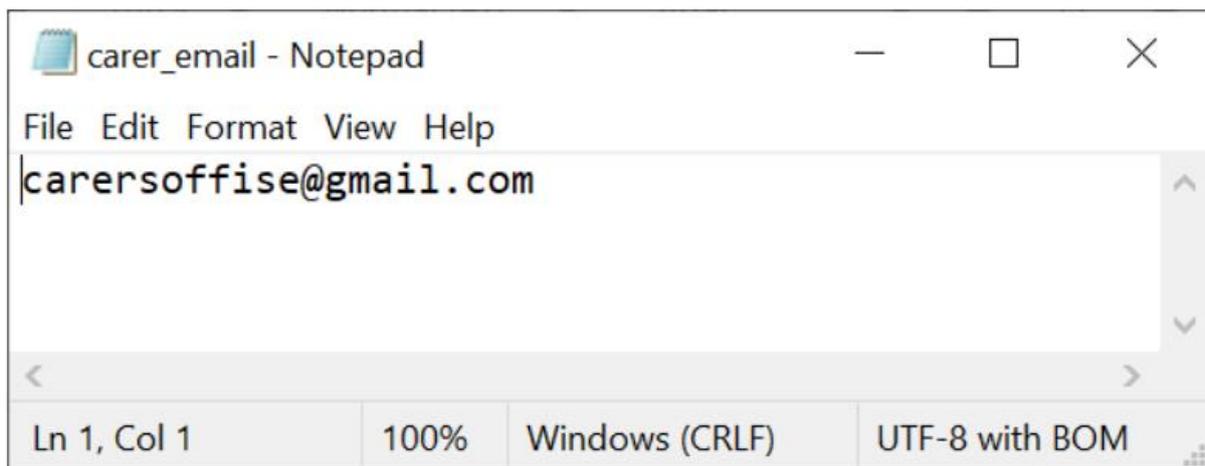
```
sender_email - Notepad
File Edit Format View Help
{
  "host_name": "smtp.gmail.com",
  "username": "fiseforcareshomes@gmail.com",
  "password": "Password_123",
  "port": "587"
}
```

Ln 1, Col 1 | 100% | Windows (CRLF) | UTF-8 with BOM

Step 3: Go to <https://myaccount.google.com/> and log in to the email address you entered in step 2. Click on 'Security' on the left side and scroll down to 'Less secure app access'. **Please ensure this option is on.** This is how it should look like:

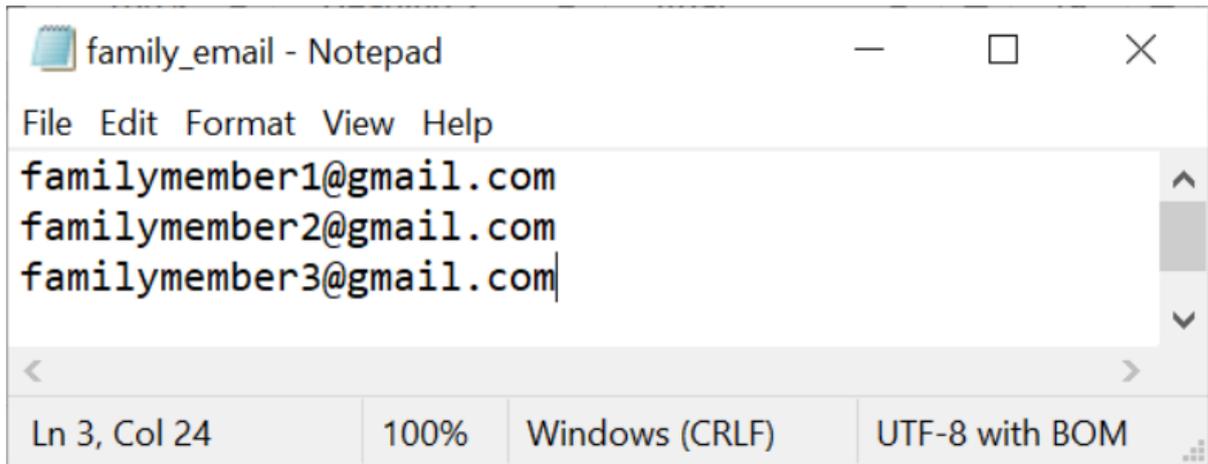


Step 4: In the **carer\_email.txt** file, enter the carer's email and **save** the file. **Only one email is allowed.** Alternatively, you could use the provided email:



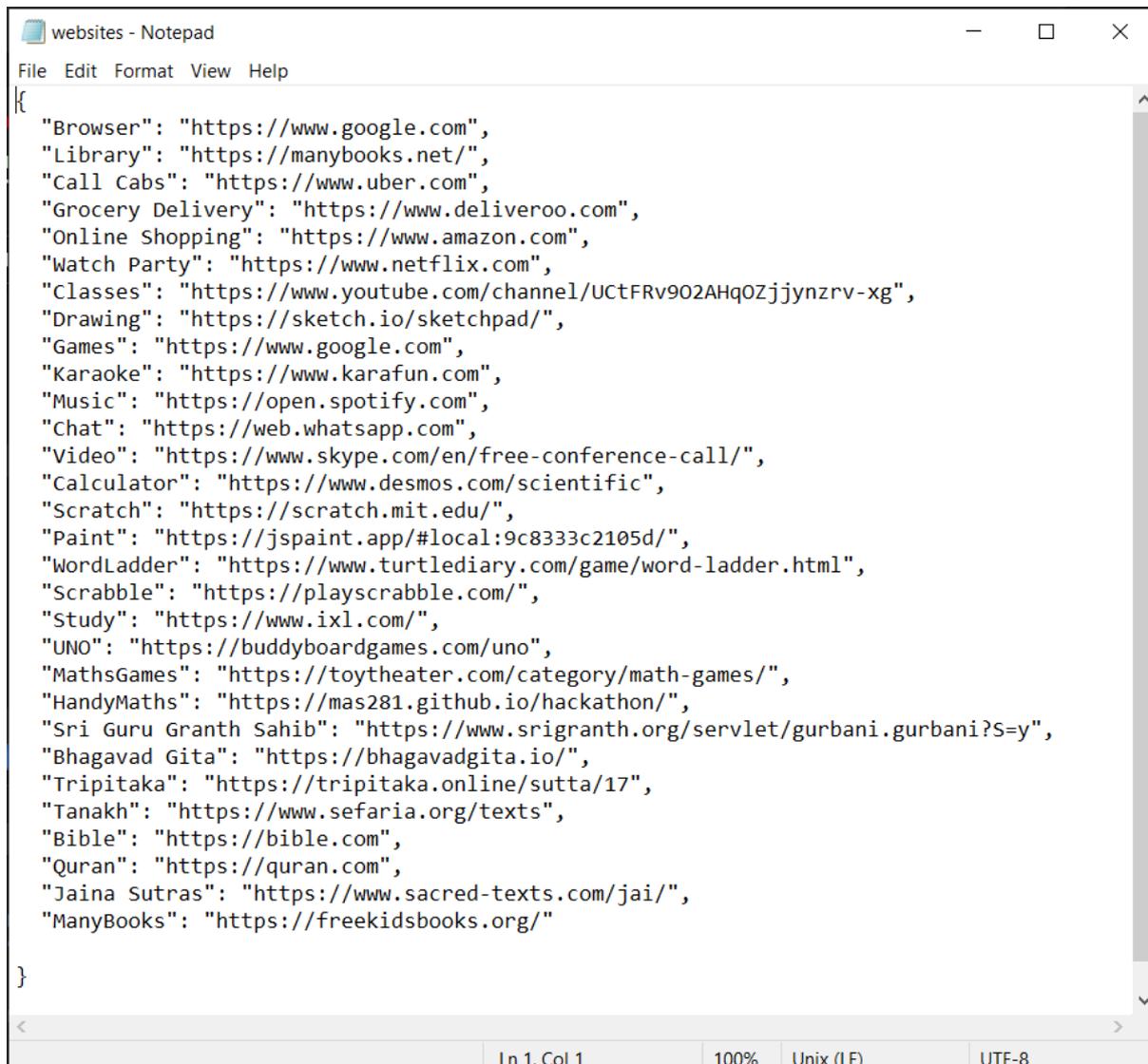
The password for the email above is "Password\_123".

Step 5: In the **family\_email.txt** file, enter emails of residents' family members (**one email per line**) and **save** the file.



```
family_email - Notepad
File Edit Format View Help
familymember1@gmail.com
familymember2@gmail.com
familymember3@gmail.com
Ln 3, Col 24 100% Windows (CRLF) UTF-8 with BOM
```

Step 6: In the **websites.json** file, you could change the URL for each more or leave it as it is. **Please ensure that you follow the format below and do not delete any existing modes.**

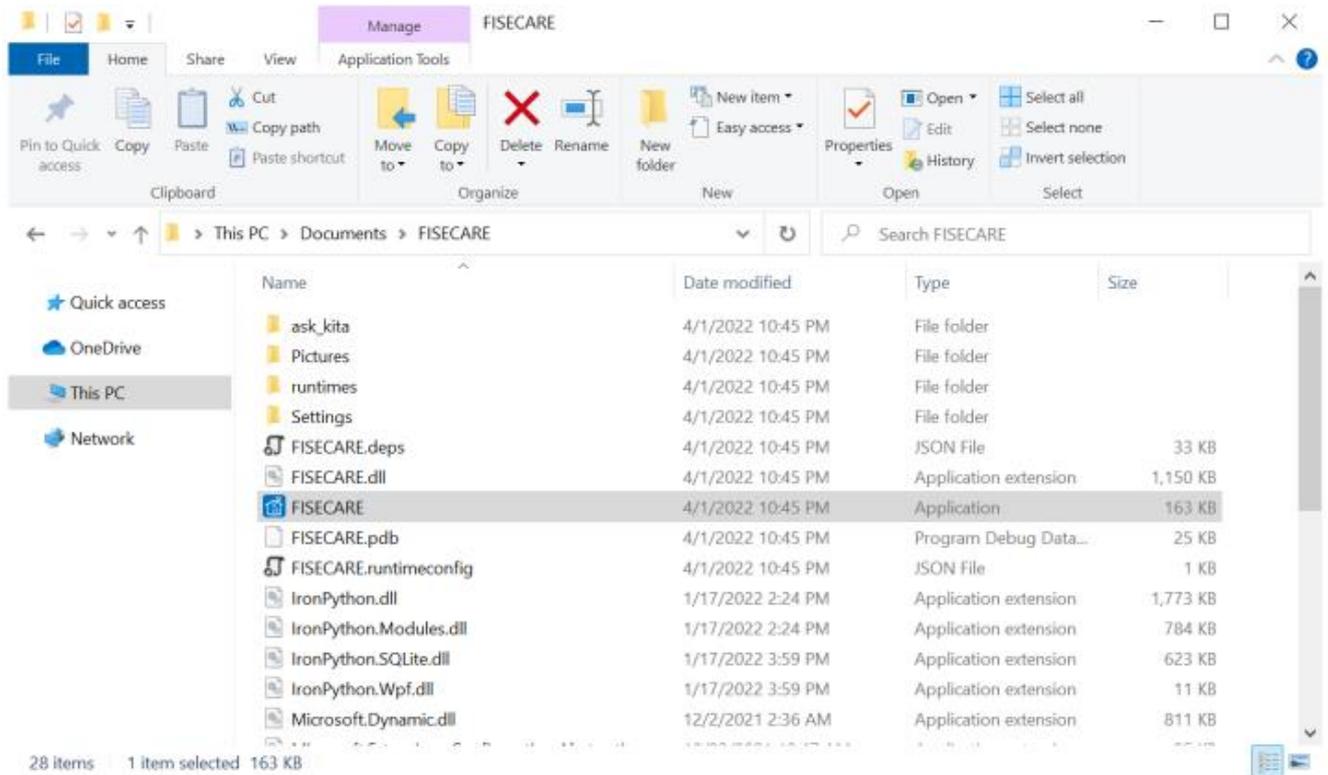


```
websites - Notepad
File Edit Format View Help
{
  "Browser": "https://www.google.com",
  "Library": "https://manybooks.net/",
  "Call Cabs": "https://www.uber.com",
  "Grocery Delivery": "https://www.deliveroo.com",
  "Online Shopping": "https://www.amazon.com",
  "Watch Party": "https://www.netflix.com",
  "Classes": "https://www.youtube.com/channel/UctFRv902AHqOZjjynzrv-xg",
  "Drawing": "https://sketch.io/sketchpad/",
  "Games": "https://www.google.com",
  "Karaoke": "https://www.karafun.com",
  "Music": "https://open.spotify.com",
  "Chat": "https://web.whatsapp.com",
  "Video": "https://www.skype.com/en/free-conference-call/",
  "Calculator": "https://www.desmos.com/scientific",
  "Scratch": "https://scratch.mit.edu/",
  "Paint": "https://jspaint.app/#local:9c8333c2105d/",
  "WordLadder": "https://www.turtlediary.com/game/word-ladder.html",
  "Scrabble": "https://playscrabble.com/",
  "Study": "https://www.ixl.com/",
  "UNO": "https://buddyboardgames.com/uno",
  "MathsGames": "https://toytheater.com/category/math-games/",
  "HandyMaths": "https://mas281.github.io/hackathon/",
  "Sri Guru Granth Sahib": "https://www.srigranth.org/servlet/gurbani.gurbani?S=y",
  "Bhagavad Gita": "https://bhagavadgita.io/",
  "Tripitaka": "https://tripitaka.online/sutta/17",
  "Tanakh": "https://www.sefaria.org/texts",
  "Bible": "https://bible.com",
  "Quran": "https://quran.com",
  "Jaina Sutras": "https://www.sacred-texts.com/jai/",
  "ManyBooks": "https://freekidsbooks.org/"
}
```

Ln 1, Col 1 | 100% | Unix (LF) | UTF-8

## Login to websites (Keyboard and mouse required)

Step 1: Launch FISECARE. You may need to install [.NET Desktop Runtime 6.0](#)



Step 2: Click on the **Services** button.



Step 3: Log in is required in the following pages:

- Under **Concierge**:
  - Call Cabs
  - Grocery Delivery
  - Online Shopping
- Under **Creativity**
  - Karaoke
  - Music
  - Watch Party

The screenshot displays a mobile application interface with a light blue background. At the top, the word "Services" is written in a blue font. Below this, there are two main content areas. The left area shows the date "Thu, 16 March 2023" and the time "9:08 PM" in white text on a dark blue background. Below this is a weather forecast for "TODAY" and "TOMORROW". The "TODAY" forecast shows "Light Rain Showers" with a minimum temperature of 10°C and a maximum of n/a, and a humidity of 86%. The "TOMORROW" forecast shows "Light Rain" with a minimum of 9°C and a maximum of 15°C, and a humidity of 84%. The source "BBC Weather" is noted at the bottom. The right area features two news snippets. The first is titled "NHS 5% pay offer may end bitter dispute in England" and includes the text "Unions urge nurses, ambulance staff and other members to back deal including a one-off payment." The second is titled "Video shows moment Russian fighter jet hits US drone over Black Sea" and includes the text "US footage shows the jet apparently dumping fuel as it makes two close passes with the drone." The source "BBC News" is noted at the bottom. Below the news and weather sections, there are five navigation icons in blue rounded squares: a shopping cart for "Concierge", a pencil for "Creativity", two speech bubbles for "Communication", a heart for "Help", and two hands for "Faith". At the bottom of the screen, there are two buttons: "← Home" on the left and "Open Magnifier" on the right, both in white text on a blue background.

**Services**

Thu, 16 March 2023  
**9:08 PM**

**TODAY**  
Light Rain Showers  
Min 10°C Max n/a  
Humidity: 86%

**TOMORROW**  
Light Rain  
Min 9°C Max 15°C  
Humidity: 84%

BBC Weather

**NHS 5% pay offer may end bitter dispute in England**  
Unions urge nurses, ambulance staff and other members to back deal including a one-off payment.

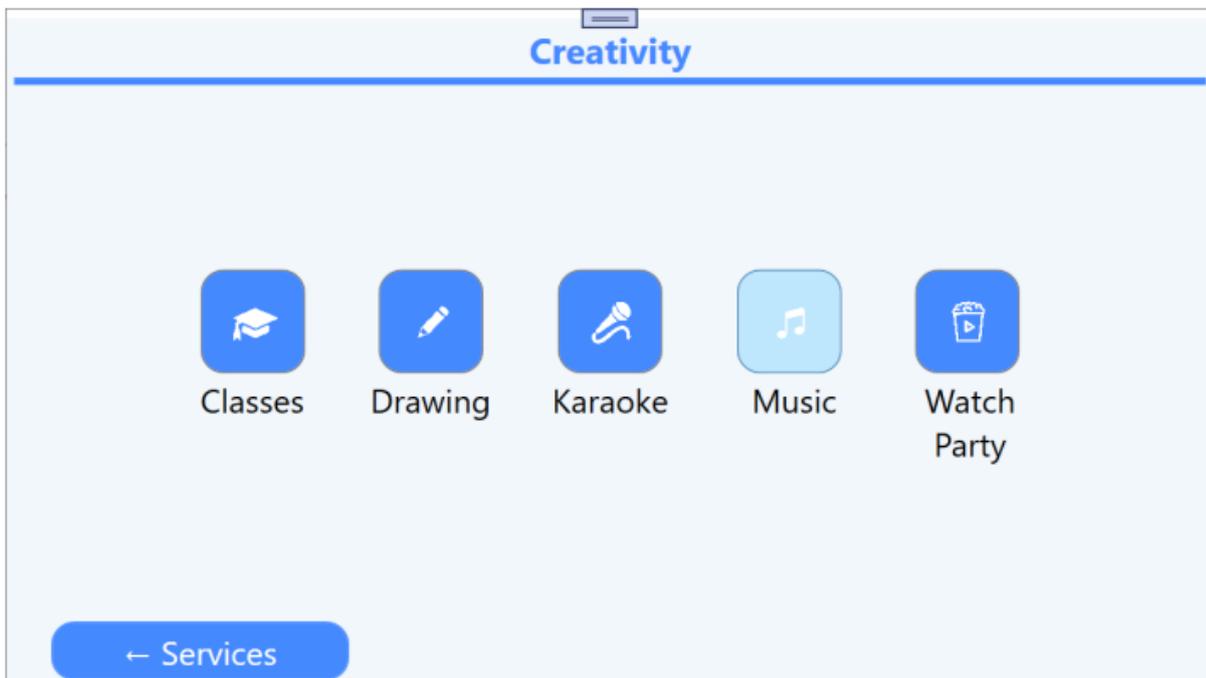
**Video shows moment Russian fighter jet hits US drone over Black Sea**  
US footage shows the jet apparently dumping fuel as it makes two close passes with the drone.

BBC News

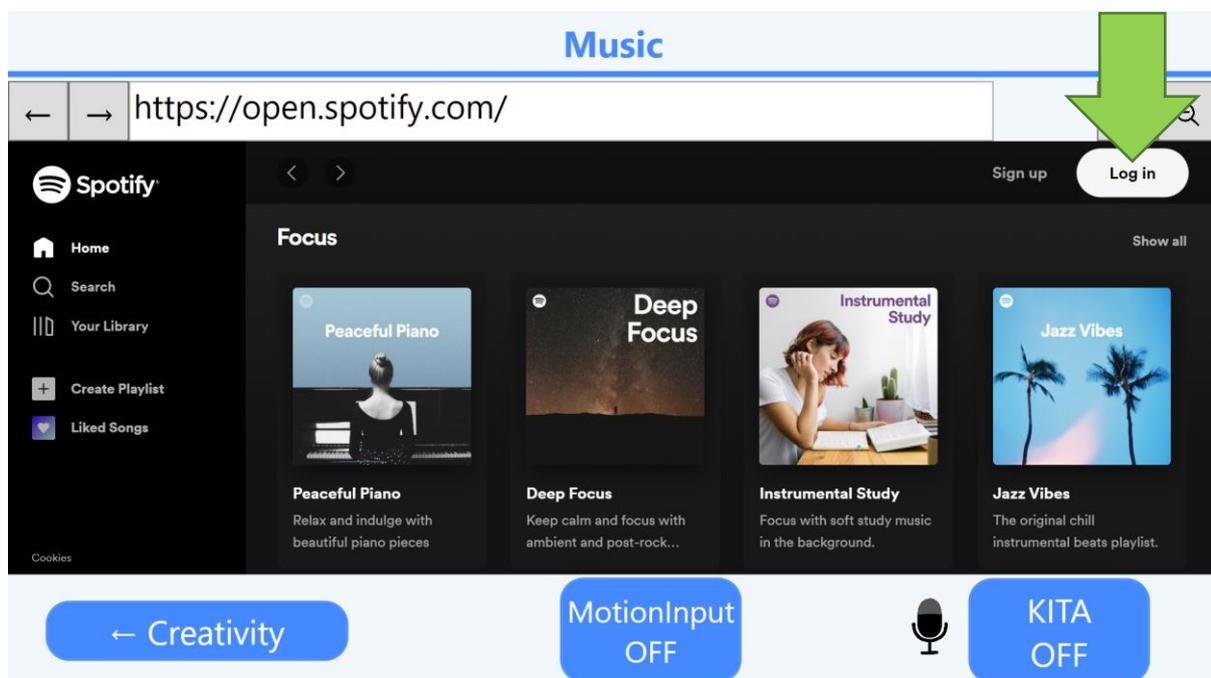
**Concierge** **Creativity** **Communication** **Help** **Faith**

← Home Open Magnifier

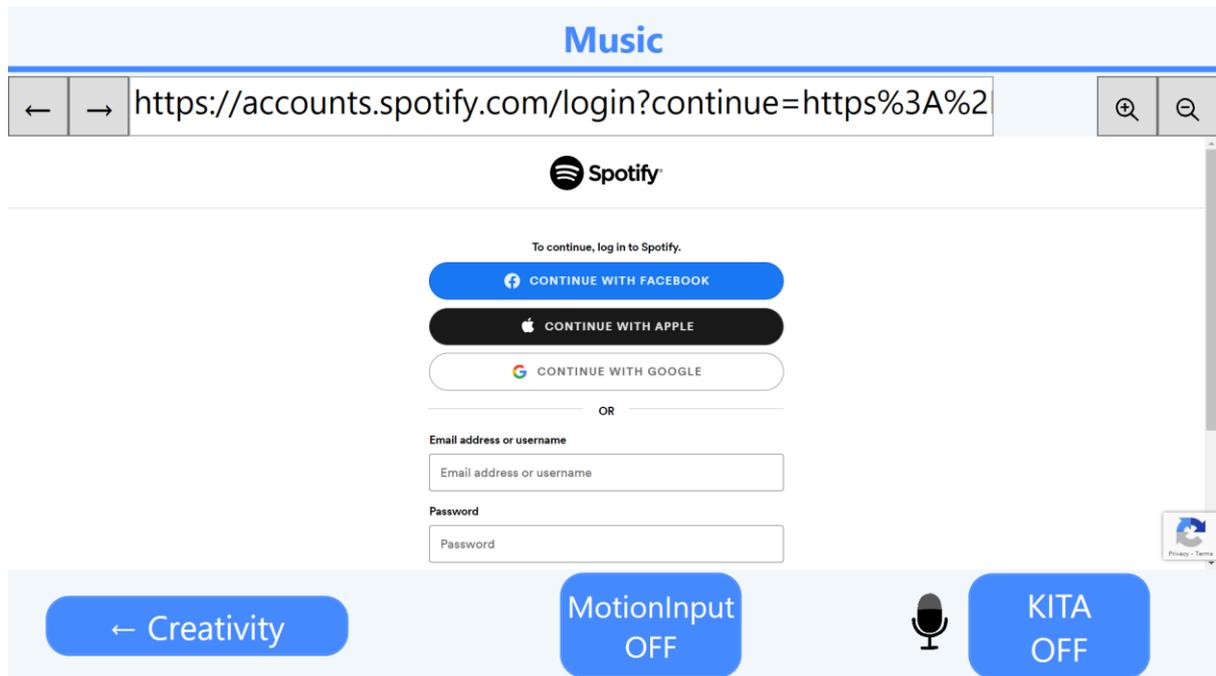
Step 4: Select the page by clicking on the button.



Step 5: Click on the Login button.



Step 6: Login to the website.

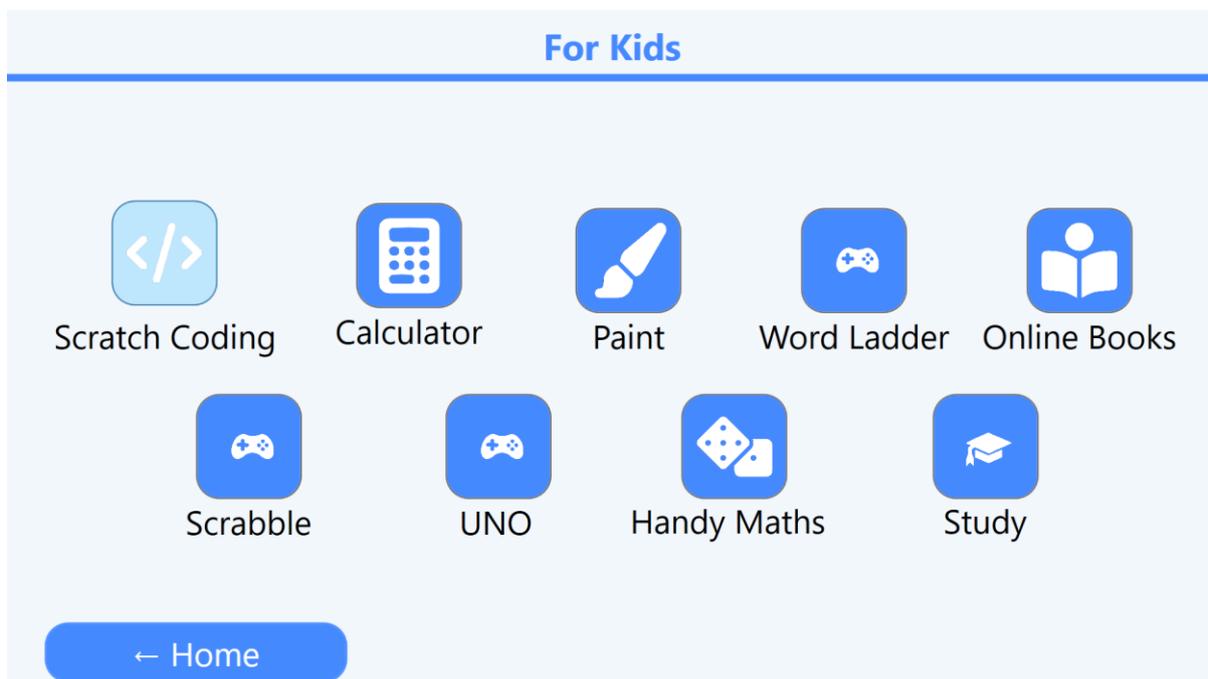


Step 7: Navigate back to the Home Page.

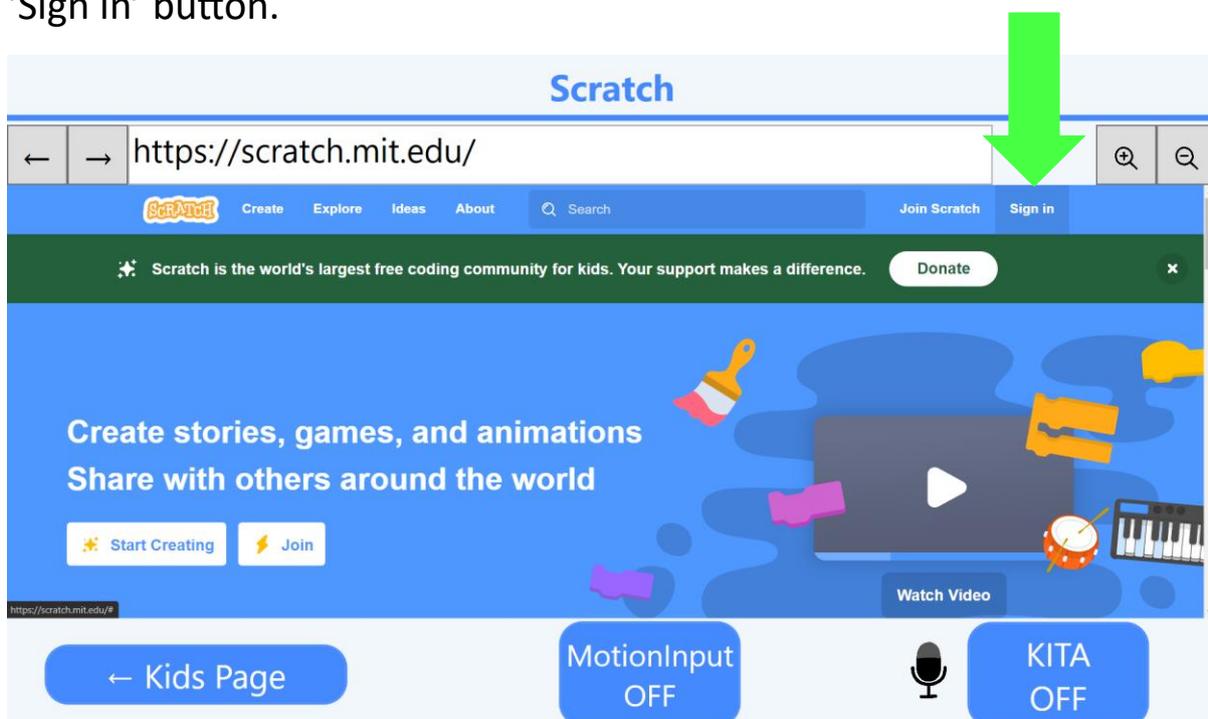
Step 8: Click on the 'For Kids' Button.



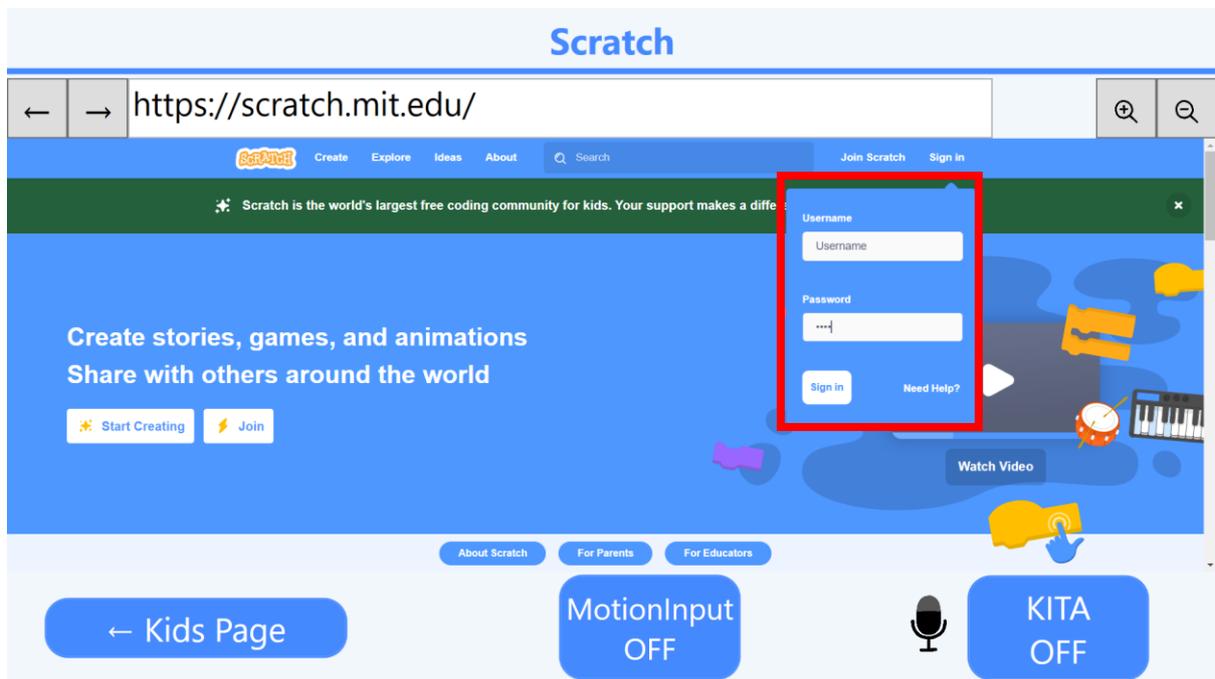
Step 9: Click on the 'Scratch Coding' Button.



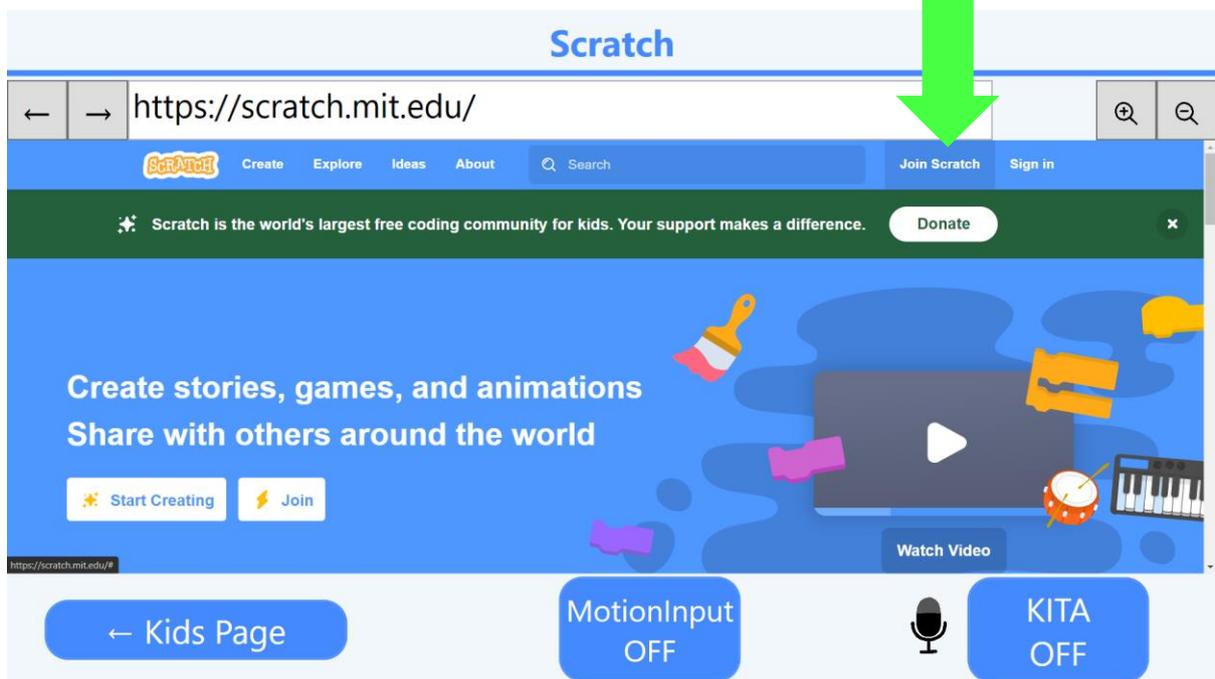
Step 10: If you don't already have an account for <https://scratch.mit.edu/> then skip to Step 12. Otherwise, click on the 'Sign in' button.



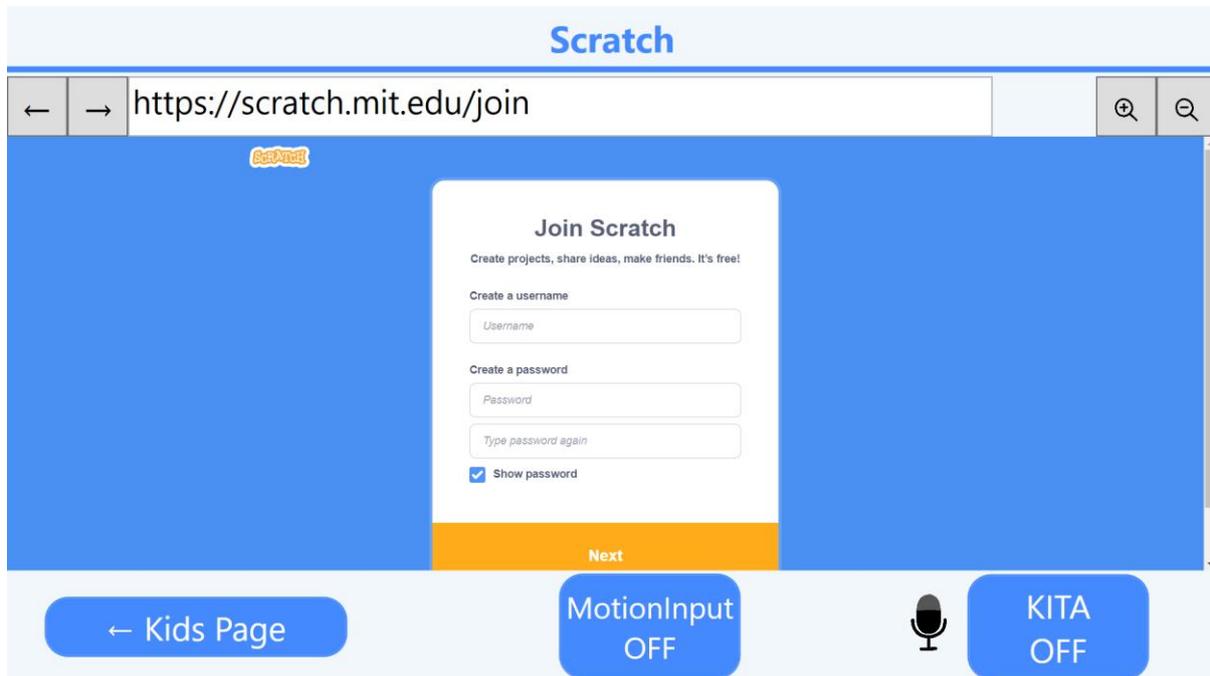
Step 11: Enter your username and password and sign in.



Step 12: Click on the 'Join Scratch' Button.



Step 13: Enter your details and follow the direction on the webpage to complete your registration.



The image shows a browser window displaying the Scratch registration page. The browser's address bar shows the URL `https://scratch.mit.edu/join`. The page has a blue background with a white registration form in the center. The form is titled "Join Scratch" and includes the following elements:

- A sub-header: "Create projects, share ideas, make friends. It's free!"
- A section titled "Create a username" with a text input field labeled "Username".
- A section titled "Create a password" with two text input fields: "Password" and "Type password again".
- A checkbox labeled "Show password" which is currently checked.
- An orange "Next" button at the bottom of the form.

At the bottom of the browser window, there is a light blue navigation bar containing three buttons: "← Kids Page", "MotionInput OFF", and "KITA OFF" (with a microphone icon to its left).

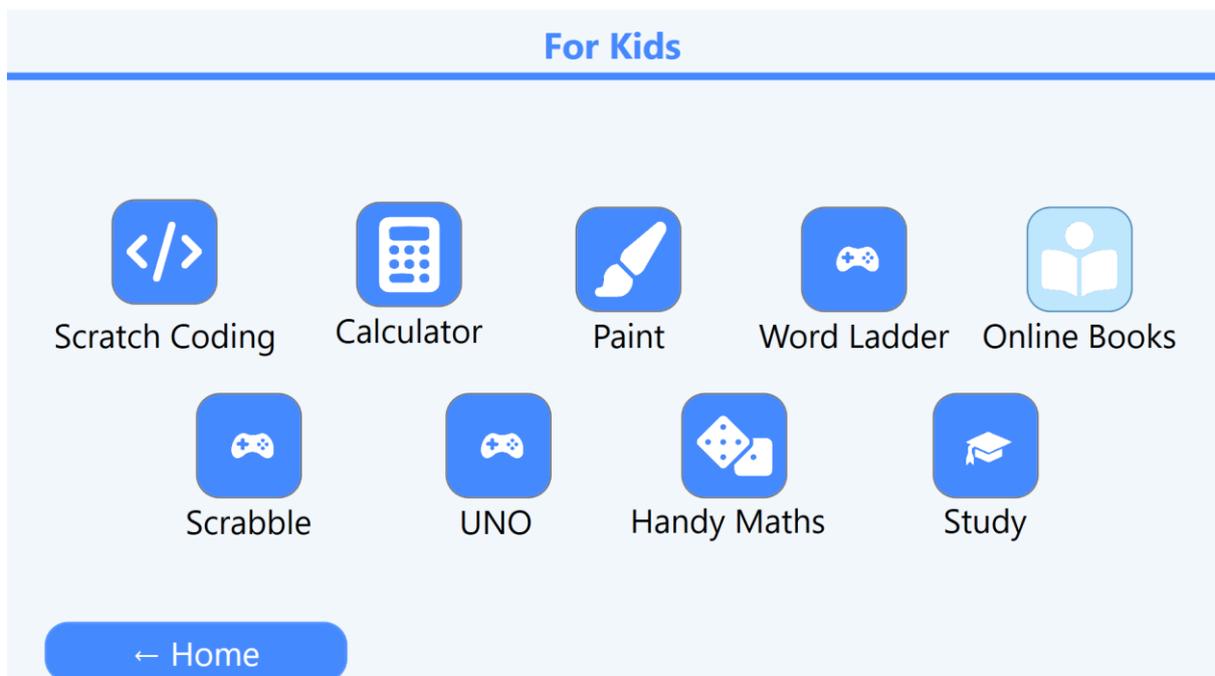
## Navigating FISECARE with MotionInput

These steps show how you may navigate FISECARE to access a library of kids' books.

Step 1: Click on the 'For Kids' Button.



Step 2: Click on the 'Online Books' button.



Step 3: To **zoom in/out** of webpages, click the buttons on the top right corner. On the top left corner are the **Go Back /Forward** buttons to navigate you forward or back webpages. To **scroll up/down**, use the **scrollbar** on the right side of the screen to move up/down.

If using MotionInput's **speech commands** then say '**page up**' or '**page down**' to scroll up/down.

If using MotionInput's **hand mode** then you can use your **index finger and middle fingers put together** to scroll up/down.

If using MotionInput's **face mode**, **open your mouth and face downward or upwards** to scroll up/down

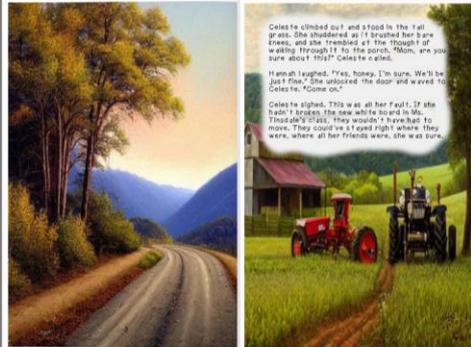
The screenshot displays the 'Kids Library' website interface. At the top, there is a navigation bar with the title 'Kids Library' in blue. Below it is a search bar containing the URL 'https://freekidsbooks.org/'. To the right of the search bar are zoom in (+) and zoom out (-) buttons. Below the search bar, there are filters for 'Show:' (All, Toddlers, Children, Older Children, Young Adults) and 'Sort by:' (Popular, Date). The main content area features a book listing for 'Welcome to Cripoley Hollow' by Aurora S Frost. The book cover is a green-bordered image of a girl in a nightgown. The text below the cover includes the author's name, social media icons, categories (Age 6-9 years, All FKB Books, Cats, Children, Fantasy, Grade 1 to Grade 3, Grade 4 to Grade 6, Intermediate English), a synopsis, a star rating (5 stars), and a 'Rate this (1 Vote)' button. Below the synopsis, there are two green buttons: 'Read Online' and 'Download PDF', both of which are highlighted with a red rectangular border. At the bottom of the page, there is a light blue navigation bar with a '← Kids Page' button, a 'MotionInput ON' button, a microphone icon, and a 'Speech To Text OFF' button.

Step 4: Click on **'Read Online'** to read the book on the webpage OR click **'Download PDF'** to open the book in a new window as a PDF file.

**Kids Library**

← → <https://freekidsbooks.org/> 🔍 🔍





Celeste climbed out and stood in the tall grass. She shuddered as it brushed her bare knees, and she trembled at the thought of walking through it to the porch. "Mom, are you sure about this?" Celeste called.

Hannah laughed. "Yes, honey. I'm sure. We'll be just fine." She unlocked the door and waved to Celeste. "Come on."

Celeste sighed. This was all her fault. If she hadn't broken the new white board in Mr. Thompson's class, they wouldn't have had to move. They could've stayed right where they were, where all her friends were, she was sure.


< 7/89 > 🔍 🔍 🔍 🔍 🔍

← Kids Page

MotionInput  
ON



Speech To Text  
OFF

Step 5: Click on the **'Speech To Text'** button to turn on the **speech-to-text** mode. Then, click on the search box and speak to search for the item. Here, we search for a book. Turn the mode off by clicking on the **'Speech To Text'** button again.

The screenshot displays the 'Kids Library' website interface. At the top, the title 'Kids Library' is centered in blue. Below it is a browser address bar showing 'https://freekidsbooks.org/' with navigation arrows and search icons. The main content area features a search bar with the placeholder 'Search here...' and a 'search' button, both highlighted with a red box. Below the search bar are filters for 'Show:' (All, Toddlers, Children, Older Children, Young Adults) and 'Sort by:' (Popular, Date). A featured book 'Welcome to Cripoley Hollow' by Aurora S Frost is displayed with a book cover image and social media icons. To the right, there is a 'Maths Practice' section with a list of years from Year 1 to Year 8. At the bottom, there is a navigation bar with a '← Kids Page' button, a 'MotionInput ON' button, a microphone icon, and a 'Speech To Text OFF' button.