**User Guide: Installing and Running the Literature Search Tool**

**Prerequisites**

1. **Docker Desktop**: Ensure Docker Desktop is installed on your computer.
2. **\*\*Optional:\*\* Docker Account**: Create a Docker account at Docker’s official website (docker.com). Use the same credentials to log into the Docker Desktop application.

**Step-by-Step Instructions**

**1. Download and Extract the Folder**

* **Download** the Search\_AsReview\_Docker folder from the shared OneDrive link.
* **Save** the folder to an easily accessible location on your Windows (C:) drive (e.g., C:\Search\_AsReview\_Docker).

**2. Extract the Folder**

* **Right-click** on the downloaded folder and select Extract All....
* **Choose** the destination folder to be within the C drive and click Extract.

*A screenshot of a computer

Description automatically generated*

**3. Open Windows PowerShell**

* **Search** Windows PowerShell from the menu and open the application.

**4. Navigate to the Directory**

* **Change directory** to the extracted folder by typing the following command in PowerShell:

cd C:\Search\_AsReview\_Docker

If the folder is saved in a OneDrive directory, replace ‘path to directory’ with the actual path:

cd 'OneDrive – Pfizer’\<path to directory>\Search\_AsReview\_Docker'

*Insert screenshot showing the PowerShell window and the command.*

**5. \*\*Optional:\*\* Sign In to Docker**

* **Open** Docker Desktop.
* **Log in** using your Docker account credentials.

**6. Build and Run the Docker Container**

* **In PowerShell**, run the following command to build the Docker container:

docker-compose build

* + This process may take a few minutes.
* **Once the build is complete**, run the following command to start the container:

docker-compose up -d

*A screenshot of a computer program

Description automatically generated*

**\*\* This is the last of the first-time installation steps. Use the following directions to run the application every time onwards. \*\***

**7. Verify the Container**

* **Open** Docker Desktop.
* **Check** that the container is running. You should see it listed in the Docker Desktop application.

**8. Access the Tools**

* **Open** your web browser and navigate to the following links:
  + **PubMed Search Tool**: http://localhost:5002
  + **AsReview Tool**: http://localhost:5001

**Common Troubleshooting Tips**

* **Docker Not Running**: Ensure Docker Desktop applications is open and running.
* **Build Errors**: Check for any error messages during the docker-compose build process and ensure all dependencies are met. Ensure that the command are typed correctly and from the correct directory.
* **Port Issues**: If the tools do not open in the browser, ensure no other applications are using ports 5001 and 5002.
* **Container Not Visible**: Refresh Docker Desktop or restart the application if the container does not appear.
* **Container Stops**: If pressing the start container button on Docker Desktop does not work, then try restarting your computer.