

User Manual

1. To access the system, you must:

- Enter your username.
- Enter your password.
- Click *Login*.

If your credentials are correct, you will be redirected to the main screen where you can upload radiographs.




Enter to your account

User

Password


Log In

2. On the main screen, you will find the *Load and Sort* button.
 - Click the button to select an image from your device.
 - The system **only** accepts **PNG, JPG, or JPEG** files.
 - Once uploaded, the system will automatically process the radiograph.

PNEUMO
PREDICTION

Home Classify Support

Introduction to Pneumonia Types



Pneumonia is an infection that inflames the air sacs in one or both lungs. The air sacs may fill with fluid or pus, causing cough with phlegm or pus, fever, chills, and difficulty breathing. Pneumonia can be **classified into several types**.

This classifier is focused on detecting the two most common types of pneumonia: **viral and bacterial**.

Classify your x-ray

The heatmap does not show the area where pneumonia is located. It highlights the region that the model used as a reference to make its classification.

Upload the x-ray in one of the accepted formats (png, jpg, jpeg). The x-ray cannot be larger than 200 MB.

Load and sort

3. After processing the image, the system will display:

- The classification result with the probabilities.
- A heatmap showing the areas the model considered most relevant for the classification.

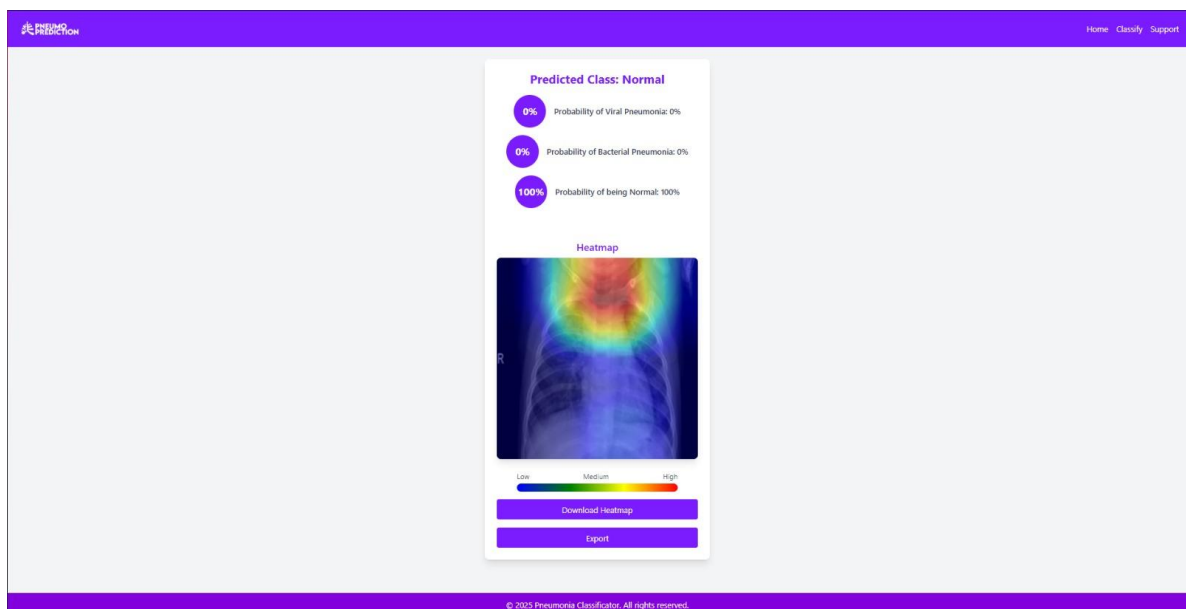
You have different downloads options:

- Click *Download Heatmap* to save only the heatmap image.
- Click *Export* to generate the full classification report in PDF format.

Important

The heatmap **is not a medical diagnosis**.

It only indicates which regions influenced the model's decision and does not necessarily represent actual pathological areas.



4. In the top navigation bar, you will find the Support section.

From there, you can:

- Submit questions, comments, or feedback to the administrators.
- Log out of your account safely using the Logout option.

The screenshot displays the user interface of the 'PREVIEW PREDICTION' application. At the top, a dark blue navigation bar contains the application logo on the left and the links 'Home', 'Classify', and 'Support' on the right. Below the navigation bar, the main content area is light gray. In the center, there are two white rectangular boxes. The left box is titled 'User Manual' and contains a blue button labeled 'Learn to use the application'. The right box is titled 'Log out' and contains a blue circular button with a white right-pointing arrow. Below these two boxes is a 'Contact Form' with the following fields: 'Your Name', 'Your Email', 'Title', and 'Message'. A large blue 'SUBMIT' button is positioned at the bottom of the contact form.