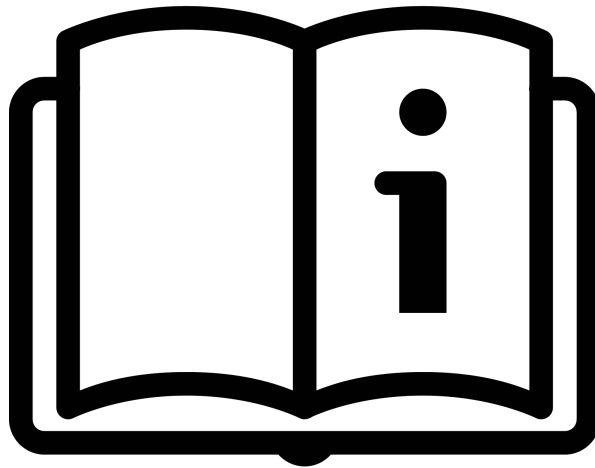


# User Manual Project Noise Pollution detection



## **PAD - PLA31**

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# Introduction

As team 31 we decided to make a map which displays the amount of noise made in a certain area. The noise levels will be displayed using different colors. Red meaning the area has a lot of noise, while green will be a quiet area. This manual is provided for you to easily use the website. In this manual we will explain how you can operate the website ,login to your Planet account and many other things.

# Home

When you open the website, you will first be directed to the Home page. There will be a welcome text: "Welcome to Project Noise Pollution Detection" There will also be a menu section with the different page names. The menu section will always be visible on the website despite the page you're on. Finally, there will be a button "Tell me more" underneath the welcome text (**where more information about our project can be found**). The home page is a central point on the website and a way to welcome you.

## Menu section

1. The menu section contains the following pages:

- Home
- About
- Login
- Register
- Contact

2. If you want to go to one of these pages you can click on them with your mouse.

3. The website opens the page you have clicked on.

## Button "Tell me more"

1. If you want to go to the "About" page you can click on this button with your mouse.

2. The System opens the "About" page.

# About

When you are directed to the About page, there will be a text in a big orange box containing the information about our project. There is also a menu section, which can be used to navigate to the other pages.

## Menu section

1. The menu section contains the following pages:

- Home
- About
- Login
- Register
- Contact

2. If you want to go to one of these pages you can click on them with your mouse.

3. The website opens the page you have clicked on.

## About Text

# About Our Project

We have received an assignment from Planet to come up with a project. As team 31 we decided to make a map which displays the amount of noise made in a certain area, which can be used for different purposes. The noise levels will be displayed using different colors. Red meaning the area has a lot of noise, while green will be a quiet area. There are different uses for this data our main focus is making the map useful for law enforcement and the government.

# Login

When you are directed to the Login page, there will be two input boxes, checkbox, a button and a “forgot password?” link all in a big grey box. There will also be a menu section. The Login page is to login to your Planet account to get access to the map. You can also reset your password on the Login Page.

## Login

1. Enter your email into the input box “Enter Email...”
2. Enter your password into the input box “Enter Password...”
3. If you want to remember your credentials for the next time, then click on the checkbox “Remember me”.
4. Click the button “Login” to login to your Planet account.
5. The website will direct you to the map.

## Forgot Password

1. Click “Forgot Password ?” to reset your password.
2. The System will take you to the reset password page.
3. Fill in your email address which is linked to your account.
4. The system administration will process your request.

## Menu section

1. The menu section contains the following pages:
  - Home
  - About
  - Login
  - Register
  - Contact
2. If you want to go to one of these pages you can click on them with your mouse.
3. The website opens the page you have clicked on.

# Register

When you are directed to the Register page, there will be two input boxes, and a button all in a big grey box. There will also be a menu section. The Register page is to register for a Planet account to get access to the map.

## Register

1. Enter your email into the input box "Enter Email..."
2. Enter your password into the input box "Enter Password..."
3. Click the button "Register" to register your Planet account.
4. The website will direct you to the login page.

## Menu section

1. The menu section contains the following pages:
  - Home
  - About
  - Login
  - Register
  - Contact
2. If you want to go to one of these pages you can click on them with your mouse.
3. The website opens the page you have clicked on.

# Contact

When you are directed to the Contact page, there will be three input boxes, checkbox and a button all in a big grey box. There will also be a menu section. The Contact page is to get in contact with Planet to ask a question about the website for example.

## Contact Form

1. Enter your name into the input box "Please enter your name..."
2. Enter your email into the input box "Please enter your email..."
3. Enter your message into the input box "Please enter your message..."
4. To confirm you are a human, you will have to check the "I am human" checkbox.
5. Click the button "Send message" to send a message to Planet.
6. The website will take you back to the Contact page.

## Menu section

1. The menu section contains the following pages:
  - Home
  - About
  - Login
  - Register
  - Contact
2. If you want to go to one of these pages you can click on them with your mouse.
3. The system opens the page you have clicked on.

# The Map

When you get directed to the Map page, there will a blank pop up message, the steps you will have to follow to view the map will be described here.

## Map

1. Click the button "OK" to continue.
2. After this the website will show the map.
3. The colored dots represent the areas where the sensors are placed and the amount of noise pollution in that area, you can get more information by clicking them.
4. After clicking on the dot the website will display the name of the sensor, the latest reading and the chart of the recorded readings.
5. By hovering over the chart, you can see the exact readings.
6. You can zoom in and out on the map by clicking on the plus or minus button.
7. To move the map, hold down your left mouse button and drag the map in your preferred direction.

## Menu section

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