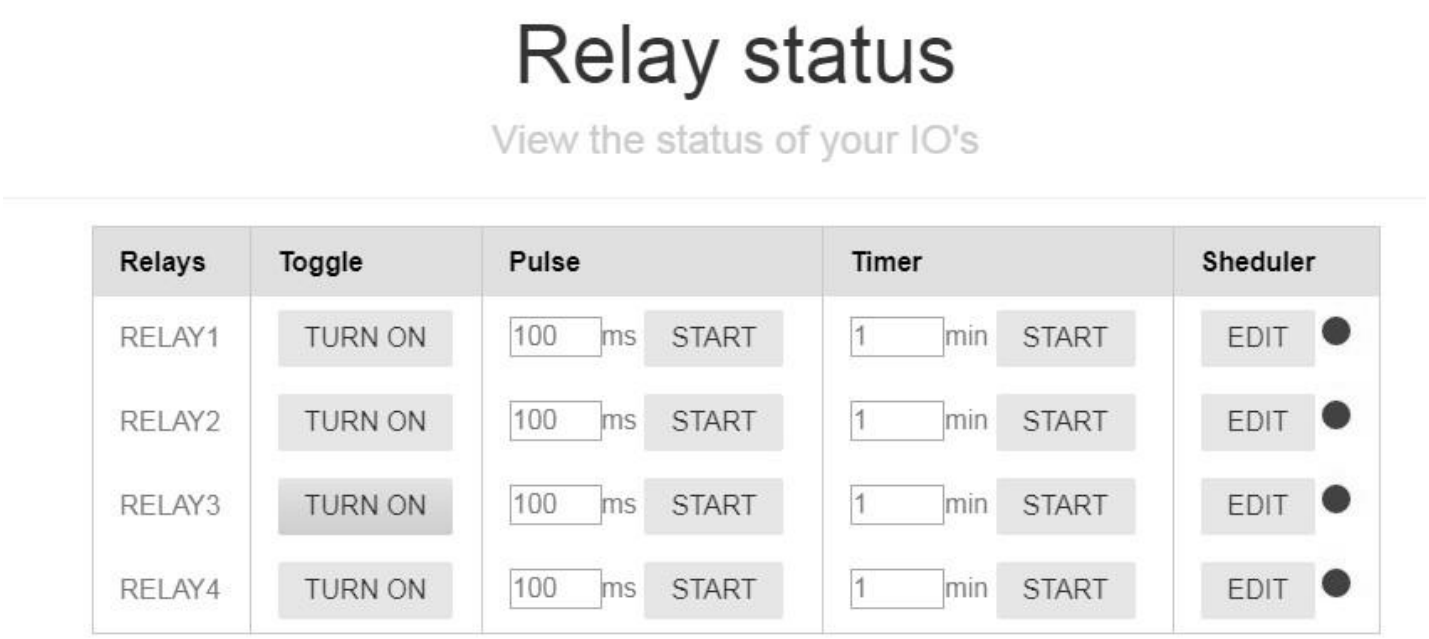
3.Controlling the Relay Card

ON and OFF

If you press the Turn OFF button, it will turn off the relay of the corresponding channel (surprise surprise!).

If you press the Turn ON button, it will turn on the relay of the corresponding channel (again, surprise!).



Pulse

Pressing the START button next to the milliseconds (ms), will send a pulse of x number of **milliseconds** . This action does a toggle function.

For example: if you send out a 100ms pulse when the channel is turned on, it will turn off the channel for 100ms and vice versa.

Timer

The only difference between the timer function and the pulse function is that the pulse function works with milliseconds and the timer with minutes. So when you press the START button next to the minutes (min), it will starts a timer of x number of **minutes.** This action will also execute a toggle function.

For example, when you activate the timer configured for 1 min, the channel will turn off for 1 min, if the channel was turned on before the activation and vice versa.

Edit - scheduler

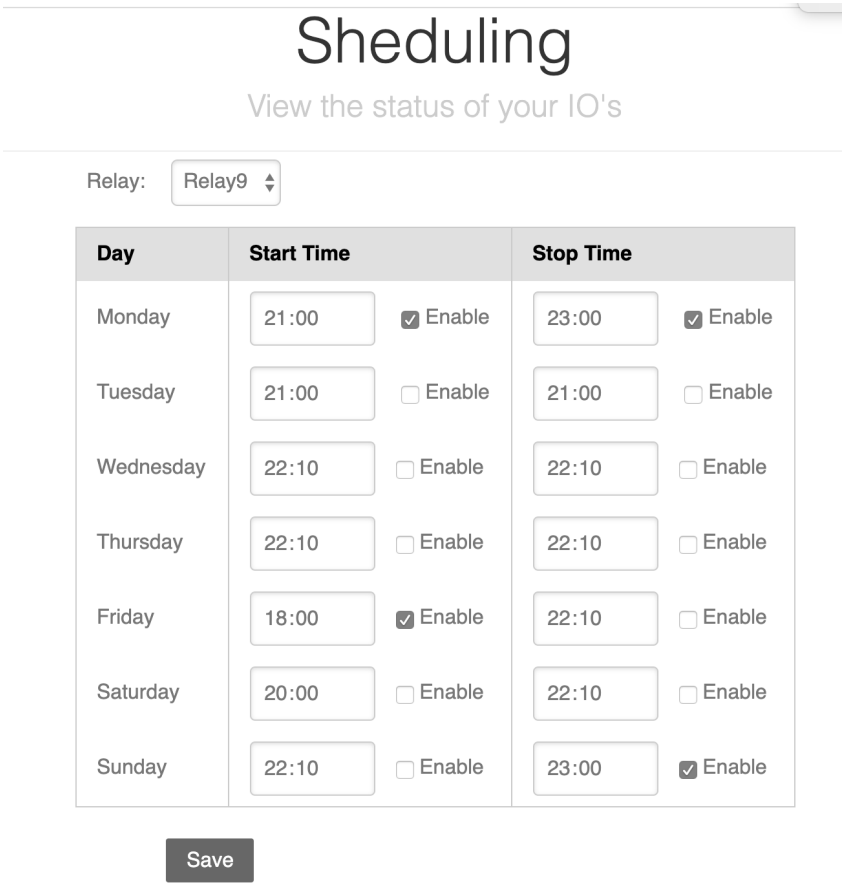
Pressing the Edit buttons will open the schedule editor. In the editor, you can configure your schedule for that specific channel. Below, we will explain how you can use the scheduler:

1. First you will need to **select the relay** which you want to configure. We chose relay9 in the example screen shot below.

2. Next, you will see a table with each **day of the week** and next to it, **a start and end time** . Of course, you can use the scheduler over the course of several days. Start by selecting a day, a start time and a stop time. In our example, we want to start relay 9 on Monday at 21:00, and let it stop on Monday 23:00. Then, we want our relay to start on Friday 18:00, and let it stop on Sunday 23:00.

3. In order for the scheduler to work, you will need to **check the enable button** next to the starting and end times. **This is very important, because otherwise it will not work!**

4. Lastly, you will need to save everything by pressing the **save button** at the bottom.



Mosfet

The mosfet table allows you to turn the mosfet channels on or off.
A mosfet is an open collector channel that you can use to directly control a LED strip for example.

Input

The Input field shows the current state of the input pin.

Head over to the next chapter!

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