

Interview Assignment #1
REST Service and Simple Frontend

Please develop a simple frontend and backend solution to display the health of a device.

Backend:

Using any framework or plain PHP please build a REST webservice to serve JSON file with following attributes. Please generate some mock-up data and create an endpoint – GET /devices

- Device ID - string
- Device Label - string
- Last Reported Date Time – UTC format
- Status –
 - OK – if device last reported date was less than 24h from now
 - OFFLINE – if device last reported date was more than 24h from now

Frontend

Using framework or plain jQuery/html create a simple frontend that connects to GET /devices endpoint and displays a list of available devices with their statuses. It should display time in local timezone and color code the STATUS using

GREEN for OK and
RED for OFFLINE

Note: there are extra points for creativity and creation of clean and manageable code.