Roojoom Full-stack developer test 2021

Guidelines
1. Write the result code In python, using the django framework
2. Plan and implement a simple Form page, which asks the user details about his problem, enter the serial number of his device and the status of the lights on his device, and returns a response accordingly.

UI Form:
- Simple Form page
    - User ID
        - Number
    - Problem description
        - Free text up to 300 chars
        - Example: "My device is making weird noises"
    - Serial number
        - 64 chars
        - Example: "24-X-125447-DC"
    - Status indicator lights x 3
        - There are 3 indicators
        - Each indicator can be off / on / blinking
- Response to user -> Will be calculated on server side (see below)

Server side:
- A logic service will calculate the "response status" message according to the logic:
    - If serial number starts with 24-X -> "please upgrade your device"
    - If serial number stats with 36-X
        - If all indicators are off -> "turn on the device"
        - If the 2 indicators are blinking -> "Please wait"
        - If all indicators are on -> "ALL is ok"
    - If serial number starts with 48-Z
        - If all indicators are off -> "turn on the device"
        - If the 1 indicator is blinking -> "Please wait"
        - If more than 2 indicators are on (and the third is off) -> "ALL is ok"
    - If serial number starts with 51-B
        - If all indicators are off -> "turn on the device"
        - If the 1 indicator is blinking -> "Please wait"
        - If more than 1 indicator is on (and others are off) -> "ALL is ok"
    - If serial number is a number
        - Print "Bad serial number"
        - TBD (in 2nd interview)
    - Else

- ■ "Unknown device"
- ● Save the following into a data table (relational)
  - ○ The form input data
  - ○ the current date time
  - ○ the response status