Round 1

About
This assignment is a part of evaluation process for candidates who applied for a role at our organization.

Data
You are being provided with the required source data file 'gwx_1.bin'.

Background
The assignment focuses on development of a page where a user can upload .bin file and that file gets stored in a folder and its details are stored in the 'FileUploadTable' in Database.

Problem
You need to <u>implement from scratch</u> in development stack (Any PHP framework preferred/Core PHP/ React.JS/ Angular/ – MYSQL Database preferred) as per design description below.

Task
Please refer attached "gwx1.png, gwx2.png & gwx3.png" while going through below steps.

Step 0 :

Create an instance in MYSQL database of your choice and create table 'FileUploadTable' in the MYSQL Database. (You can name database as 'outgrow')

Step 1 :

Create basic UI which includes a simple form with input fields as Device Model, Firmware Version & Select firmware where:

- Device Model **–** Input Type -> Drop Down

  Values -> gwx100 & gwx200

- Firmware Vision **–** Input Type -> text

- Select firmware **–** Input Type -> file

Step 2 :

Create Backend which uploads the file in a folder in the same directory. And insert a row in the table 'FileUploadTable' in 'outgrow' database.

Step 3:

After Successful upload a "Successful upload message" to be shown to the user. With a Viewing table which contains Model name, Firmware version and firmware path with Created at as upload date and time.

Submission

Strictly confidential. Don't circulate

You are required to demo the application in your local system through screen sharing and/or it can be hosted on any free hosting portal
(e.g. https://www.000webhost.com) and share us the link for web application.

Evaluation
You shall be scored on the following:

1.   Design

2.   Functionality

3.   Execution

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