**Introduction**

To create a dynamic form creation and submission mechanism.

**Instructions:**

Make sure that the app is OOP based, and follows best security practices.

Use Core PHP and jQuery or Vanilla Javascript.

**Step 1**

We need to be able to create Dynamic Forms through API calls.

* User will send a call to your API with any combination of field types and field names:

Input, text area, select, radio, checkbox

* User will also be able to mark which fields will be sent out via email
* User will also be able to provide validation rules for the input fields

**Step 2**

Store the call in a database

**Step 3**

Display a list of submitted entries

**Step 4**

When the user clicks on any entry, create a beautiful form in bootstrap against its meta

**Step 5**

When a user fills out the form:

* Run the validation rules in browser
* Submit the form via Ajax to an API
  + Validate the data again against the rules
  + The API will save the entry in a database,
  + and send out a formatted HTML email with the fields which are marked to be sent out in Step 1.

Make sure to create a mechanism to prevent bots from filling out the form.