KY & Company Technical Evaluation

You are invited to participate in this evaluation because we believe in your potential and could drive a quality deliverable. We need a team of talent that could innovate and are very passionate about the technologies.

You will work as a developer to help a Marketing Agency to build a web app for developing marketing campaigns. You will work under a super agile environment within 4 business days as a sprint to deliver the following features:

## Requirement:

- (Mandatory Requirement) React app with Node js that enable
  - User to design a form with a drag and drop form builder
    - Component
      - Text input
        - Question (mandatory)
        - min and max length validation (optional)
      - Multiple choice drop down selection
        - Question (mandatory)
        - Add options (mandatory)
      - Table
        - Question (mandatory)
        - Add column into table with text input and multiple choice drop down
      - Bonus: file upload
    - Form display
      - Enable user to create columns and assign the fields into columns
      - The fields are responsive in mobile and desktop devices
    - Condition
      - User can setup the flow of the multiple choice question
        - e.g. When the user select option C -> jump to question 3 directly
    - Actions
      - Save with validation
  - User can preview the form, input and submit the value to the fields with validation
    - data will be posted to server and stored in mySQL

We will be using the below mechanism to evaluate your deliverables

- 40% Functionality
- 40% Code Structure (Reusability, Component based design...Etc)
- 20% Other considerations
  - Upload performance
  - Security
  - Database performance

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