**Documentation**

The project is mainly of taking a survey. This survey is created by an admin and after publishing the survey, users are able to respond to the survey So the admin has the privileges to create questions for a survey with different type of inputs.

**Types of users**

* **Admin :** Creates the survey
* **User :** Response to the survey

**Stack used :**

* HTML, CSS, JS,
* Spring Boot
* MongoDB

**Admin view**

Here, the admin creates the survey for a particular purpose,

* Create a survey
* Edit the survey
* Delete the survey
* Views and manages their responses from the survey by the user

Question in the survey

* Add questions with the required types and the type of questions like
  + paragraph,
  + multiple choice,
  + drop down
  + file upload
  + date and time
  + check box
* Edit question
* Delete question

After creating the survey and inserting the questions the admin should be able to publish the survey and thus the survey will be available for the users to respond

On the admin is able to see the response by the individual users

**By creating a new survey**

* Title and the description of the survey on needed to be filled

**Description**

Input Type: Text

Placeholder: Enter The Description

Minimum Character: 5

Maximum Character: nil

Required: no

Allowed Characters:

* Alphanumeric
* Spaces
* Special Characters

And Basic Validations

**Title**

Input Type: Text

Value: Untitled

Minimum Character: 5

Maximum Character: 100

Required: Yes

Allowed Characters:

* Alphanumeric
* Spaces
* Special Characters

And Basic Validations

**A slider**

The slider will be containing a

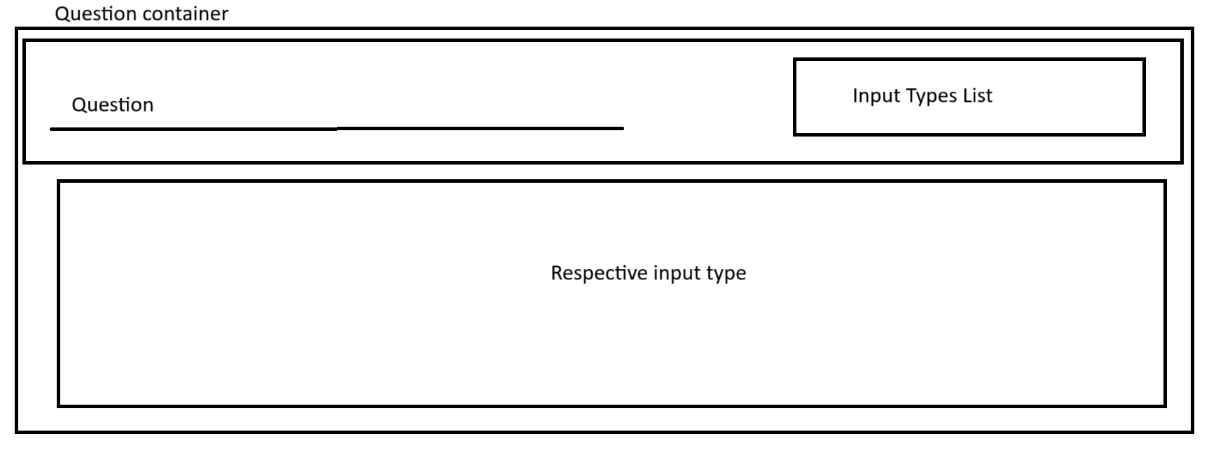
* Plus symbol
* Delete symbol,

Which are used to create a new question and delete the current active question. By default, all questions will be in editable form.

This slider will be automatically tracking the active question

**Creating a question**

* The input box for the question
* A button includes the list of types of input and which is used for the users to select the type of input for that particular question
* After the type of the question the particular input type will be displayed under the question.



**Question type selection**

Input Type: Drop Down

value: The first input type in the list of Inputs .

Required: Yes

**Question**

Input Type: Text

Placeholder: Enter the question

Minimum Character: 5

Maximum Character: nil

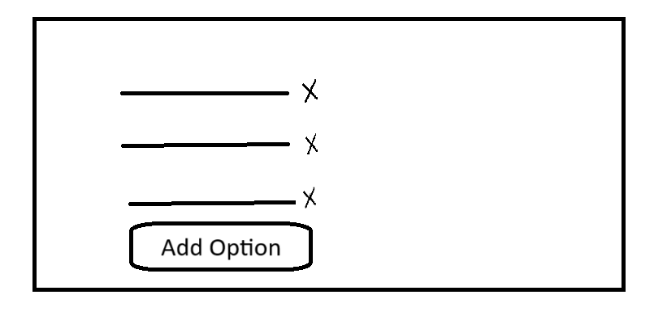
Required: Yes

Allowed Characters:

* Alphanumeric
* Spaces
* Special Characters

And Basic Validations

Drop down, check box, multiple choice - So for these types of questions the options are added and these options can be also deleted

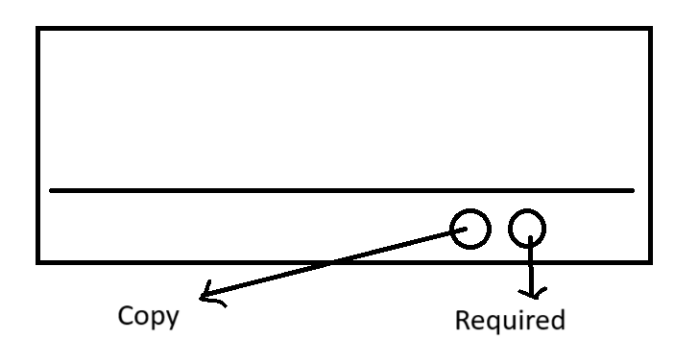


Each option is of input type text and they will be having a minimum character 5. And maximum character as 100. So for these type of postings, options should be one or more than one

**Image as a input type:**

* Image file format Such as .jpg, .jpeg, .png
* File size limited to 5 MB
* Only a single file can be uploaded, if there is a need of deleting this file and another file being added, then user is able to do it.
* File names should be only in alphanumeric
* Basic validations

Each question will be containing a footer for the element. So which has two buttons such as copy and required.

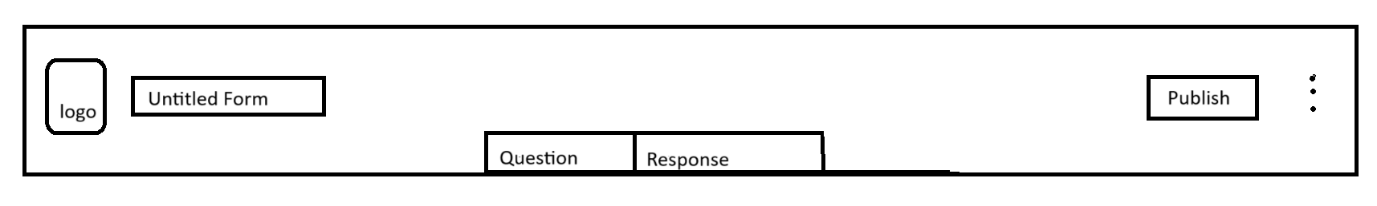
Required button is used to make the user who responds to the particular question making it as mandatory.

Coffee. Button here is used to copy the question again and making a new question below it.

**Navbar in the admin view.**

It contains the

* Logo
* Title of the form
* Publish button
* Settings
* Two routing pages
  + Question creation
  + Response to the particular survey



After adding the questions for the particular survey. Admin can publish this survey.

By publishing it, the questions are going to be saved in the database. Through the back-end process and now the admin is able to create a new survey or edit survey exists and delete it whenever he/ she wants and users are now able to respond to the survey so the user will be having different layout of front end as the questions are passed from the database as a form.

**User view**

The questions and their respective input type options will be loaded from the database, and they will be used to render a form for the user viewpoint

The form contains with the beginning of information and details about the user or the user must have logged in to the survey application and respond to the respective survey

At the header section of the form, it contains the title of the form, and lets respect descriptions that the admin have added for their particular survey And below that, the particular questions are followed

**For** **inputs like paragraph**

Input Type: Text

Placeholder: Enter the Answer

Minimum Character: 5

Maximum Character: nil

Required: Yes /no according to the question

Allowed Characters:

* Alphanumeric
* Spaces
* Special Characters

And Basic Validations

The user is able to view all the survey that is created by the admin and he/she is able to choose a particular survey for the response

The form will be containing the questions and its respective input type options Now the user is able to answer the survey

User have two buttons below the form

* Clear
* Submit

After submitting the response, this response will be saved with the information from the particular user with their user credentials or user information