**MINI PROJECT STATEMENT (BACKEND ST2)**

**Description**

In this project you have to make Create, Read and Delete operation: -

**a)** You have to make a form (This form you can take from the ST1 project that you have submitted) that will have three input

**1)** You have to take name from the user (name should be of minimum 3 length)

**2)** You have to take number from the user (Number should be of 10 length)

**3)** You have to take email id from the user (You have to check valid email id eg @gmail.com or @hotmail.com at the end)

**b)** Validation of the form should be there you cannot submit the empty form. It should generate the alert message if there is an empty field.

**c)** When you click on submit button then the input taken from the user must be displayed below the form and the information must be saved on the database. If you are not able to submit the form it must give the proper error.

**d)** Every time you click on the submit button all the information should be added on the page and the previous information should also be there.

**NOTE:** It means that you have to append the information every time when the user submits the form.

**e)** There should be a delete button attach with the information that is displayed below the form so that on clicking on that button we can delete that particular information of the user and the data should also be deleted from the database.

**f)** There should be a search button below the form where you can make query from the database and onLy the searched item should be display.

for eg:-if you search Ra then all the name related to Ra musted be displayed.

If there is no item is found, then you can display **no item found.**

**Additional detail**

**a)** You have push the code on the GitHub with private repo. Please don't make your repo public or you may lose the marks.

**Marks Description (Total Score: 30)**

a) 10 marks if your application is running properly and you have used proper tech (spring hibernate for your project).

* You can use your Frontend ST3 project for the frontend part.

b) 15 marks for the functionality if your project is able to save the data, we can make query from the database and we can delete the data from the database.

c) 5 marks for the code readability (spacing and indentation should be well maintained in the code)

**IMAGE 1: SAMPLE FORM DESIGN**

**Graphical user interface

Description automatically generated**

**IMAGE 2: SAMPLE INPUT 1**

**Graphical user interface

Description automatically generated**

**Graphical user interface

Description automatically generatedIMAGE 4: FINAL SAMPLE**