

Full Stack Assignment

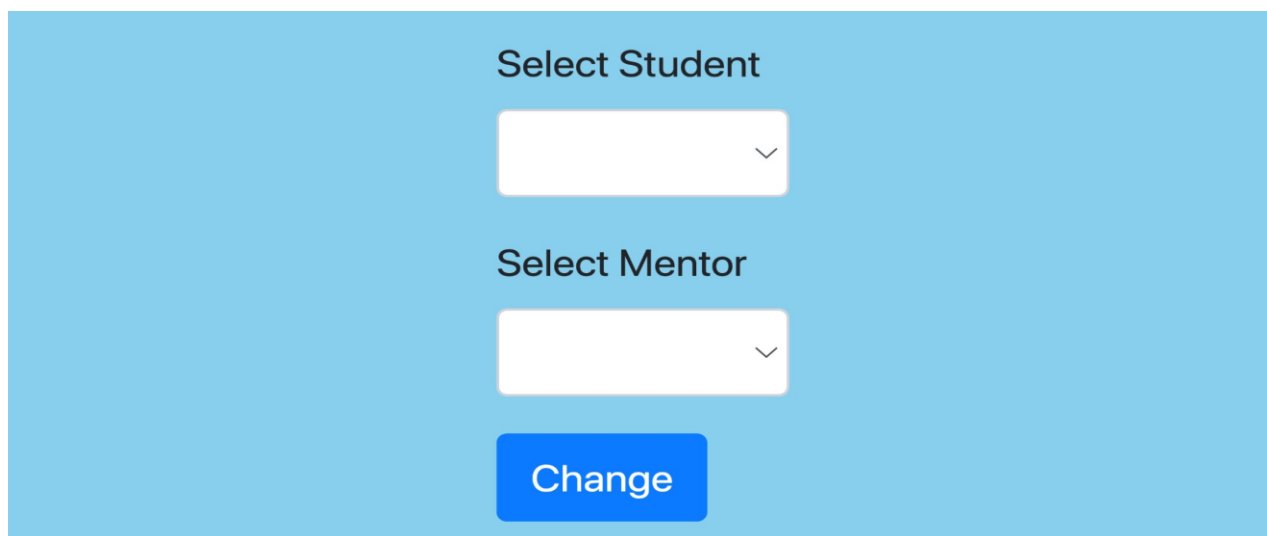
Guidelines:

- i. *This assignment is mandatory for everyone*
- ii. *There will only be a single attempt for each exam and no deadline extension in case of assignments*
- iii. *Any case of unfair means or plagiarism would lead to debarring in final placements without any further consideration.*
- iv. *The assignment solutions should be uploaded on Github and links to Github repository links should be shared with the coach for code review. Make sure to add appropriate comments in code wherever possible.*

Problem Statement:

Build an assign mentor Application in which user should be able to add students and mentors, and assign mentors to students also can change mentor for a student and can view students for each mentor.

Change Mentor -



The screenshot shows a web form with a light blue background. At the top, the text "Select Student" is displayed above a white dropdown menu with a downward arrow. Below this, the text "Select Mentor" is displayed above another white dropdown menu with a downward arrow. At the bottom of the form is a blue button with the word "Change" in white text.

Assign Mentor -

Steps: API development

Step 1:

List of API's:-

1. Write API to create Mentor
2. Write API to create Student
3. Write API to assign a student to a mentor
 - Select one mentor and add multiple students
 - A student who has a mentor should not show in student list
4. Write API to assign or change mentor for particular student.
 - Select one student and assign one mentor
5. Write API to show all students for particular mentor.

Mentor select

▼

Select Multiple Student

Siddhant

Umesh

Vikas

Vikram

...

Submit

Constraints -

1. You should use Node.js and express to build the api.
2. You should use Mongo DB as database and create your own database structure.
3. You should make Frontend in React framework.