Let's start with bit more Validation in Add Student.

When you click on Add Student:

StudentID
FirstName
LastName

DOB   ------->   Do validations for DOB

- The current date and next dates must be disabled.
- Lets have minimum age as 17 and maximum age upto 60.
- Only these criteria ages must be accepted. All other ages must throw an error 'Invalid DOB'

Gender
Department
EmailID and
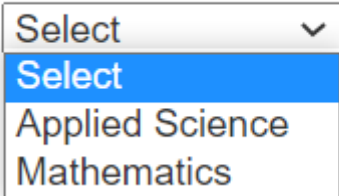
ADD JOINING DATE -----> (YYYY-MM-DD)

- Lets consider we have data only from 2015. So have joining date only from 2015.

Add two dropdown filters on top of student page in Admin as well as Staff Logins.

DropDown 1 → Department

DropDown 2 → Semester

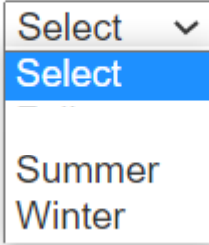Department dropdown should have whatever departments you have added in the earlier stage.

Department Select   For example, Here I have considered two dept
Select
Applied Science
Mathematics

So, Now use .filter in js and display only students with selected departments. If I select Applied Science, only the student with that particular department must be filtered.

Its same like on ecommerce filter option.

For Semester you should have – Fall, Winter and Summer in the dropdown.

Semester Select ⌄

Select
Summer
Winter

For this filter , using Joining Date values.

Separate the month from the joining date. And according to the month

October to February --- Winter Semester
April to September --- Summer Semester

1. Take the Joining Data input YYYY-MM-DD.
2. Split it using the operator ('-').
3. Take the month (MM) value and Group the month values according to the semester.
4. Use filter or map function.