(1.1) Admin (admin Page. h):-

O function name :- [add New Student ()]

- .- this function creates a new object with type "Student" using the new Keyword and saves the pointer in new student variable.
 - When all details are asked this student data is saved in an array in backend class that stores all the students in the System: So we find the current index , which is empty and save the data there.

(1.2) Jadmin Page. h)

• Function name: - [remove Student From System ()]

- this function first shows all students to the admin using the show All Students () function.
- Then if there are students it asks for the index of the student that needs to be. removed,
- If selection is correct it overites orewrites the student at the selected index by the one in the front and so on.
 - Index of total student length is decreased to keep touck of the total students.

(1.3) [admin Page.h]

@ Function Names: Tupdate Student Details (int, int). @ update Student Value (int, Student *)

upda (): This function first displays all the students, asks for the student index that we want to edit and loads that student into memory in the variable "std"

It then asks for to the value to edit in the Student object.

2 Now the "update Student Vatue" function takes that's the index of the value the admin wants to change and performs respective operations and input from the the admin to overs overwrite the value. of

1(1-4) JadminPage. h

@ Function Name: - [show Student Petails (ind)]

- This function just takes the index of the student of which we want to show details of. This index is used to access the curry tudents array in the backend class. This function will also send the first current student (Student) pointer when called.

1 (1.5) Tadmin Page. h

* Function Name: - Junearoll Astudent From Course () - This function asks the user to enter course index from which a student needs removed, when course is selected

2022029 we just a show all the student in the course and then asks for the index of the student that we want enrolled (1.6) Tadminpage. h @ Function Name :- [add New Teacher ()] - The add new Teacher function creates a new Teacher object named newTeacher with the new Kewword and the pointer newTeacher. - We then ask for all the values of teacher from the adim admin and save it in theis newly created Teacher Object. In the end we get the teachers arring which is in the backend h and Back End "struct.
we get the final available index and save the values of this teacher there. [(1.7)] [admin Page, h] (Function Name: - Tremove Teacher From System () This function first shows all the teachers with the showAllTeachers (). function - Then checks if there are any tenchers in the by backend teacher length 70. Then we ask for the index of a teacher that we want to delete. - We get the index and remove the teacher

by over writing the data of the feacher

by the next one and de reduct the

tauck of the teachers.

reduce the feacter index to keep

(4)

@ Function Name: - [apdate Teacher Details ()]

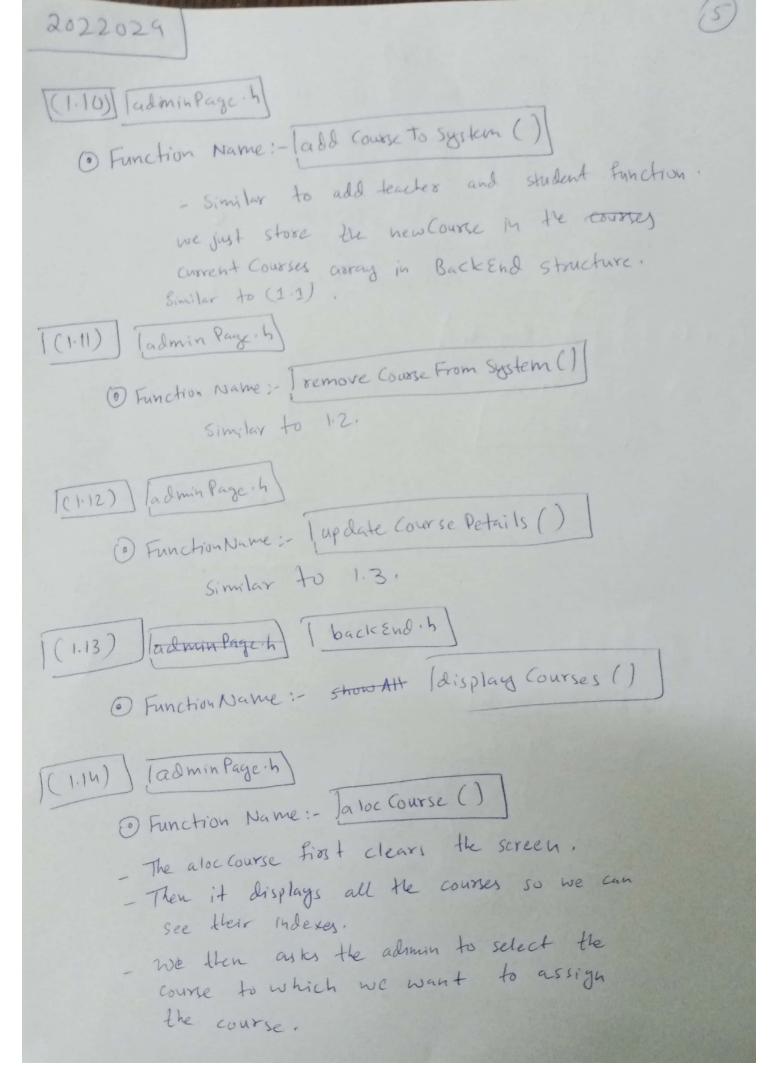
[update Teacher Details (int, int)]

-So this function takes two int one checks if the selection is valid and the other checks if the several should be cleaved.

- First we show all the teachers to the adim with the show All Teachers (0) ' function.
- Then we get the index of the teacher whose value, we want to change.
 - Then with this index we change all the values of the teacher att index 1
 position at the teachers array.

[(1.9)] [admin Page in

- (Function Name: / show All Teachers (int)
 - -This function has an int argument that we use to check if the screen heads to be cleared or not as we want to make this code reusable.
 - We just go through all the steachers Stored in the current Teachers array In the Back End Structure.



2022029 - After that course is selected then we then show all the teachers and tell the adim to select the index of teacher that he wants to assign to the course. - After index is selected we make the teacher in the course (selected) object equal to the current teachers [sudex]. [(1.15) Jadmin Page. 4.) D Function Name: -[de Aloc Course] -> Select Course Allocate empty teacher object to the course Teacher member, (2) Student: [(2.1)] [StudenPage. h] Function Name: -Theck Details() - just checks the logged in student and access it members and displays them.

