When student tells roll number and the laundry worker inputs the name it must show how many clothes he has given in the present month

Also show pending money by the studnet

1.Api to retrieve the monthly total of clothes given by any student

On giving a roll number(23BDS035)

SELECT SUM(total\_no\_of\_clothes)

FROM Laundry

WHERE Student\_id = (23BDS035) AND MONTH(date) = MONTH(curr\_date) AND YEAR(date) = YEAR(curr\_date)

Also use api 3,so that when one worker is counting the clothes the other can ask the student to pay any pending fee if any

After the worker has counted all the clothes, initillay it will be shown in fronted along with price to be paid and then on confirm order, it will be a write function into the laundry table

2.Api to insert into laundry table

Needed data from frontend – roll\_no, no\_of\_clothes, date\_on\_that\_day+ time , bedsheets, innerwear , AND pending\_money

After INSERT into LAUNDRY (all\_params except pending money) completing this,

Get that laundry id,date/time from the table.

INSERT into PENDING\_MONEY(roll\_no,laundry id,date/time,pending money)

On successful write/insert – send confirmed to frontend

* Send try again later or schedule try again(VERY IMPORTANT TO SOLVE THIS ISSUE)

Student says that he will pay later and one day he comes just to pay for it.

3.Api to retrieve pending money

Student says roll no,we will show all the pending money that he has to pay along with dates

SELECT Date,pending\_money

From pending\_money where student\_id=ROLL\_NO

4.Api to clear pending money(pending money for particular data is set to 0)

Student pays money and the worker clicks done(green) from the list of pending\_money\_displayed in the app and then when he clicks confirm,it is sent to this route along with its laundry\_id

Data from frontend

* List or array of values to which pending money has been recently paid by the student

(UPDATE laundry or (DELETE FROM pending\_money

SET pending\_money = 0) WHERE laundry\_id IN list\_of\_values)

WHERE laundry\_id IN list\_of\_values

ON Successful execution of the query – send successfully updated message

On failure – (problem for students) (NEED TO THINK ABOUT THIS)

5.API to partially update pending money

Student doesn’t pay the entire pending money and he pays only a part of his pending money,for this the worker must choose a different button other than done(green) – suggestion (maybe a yellow color button that says update for every row of pending\_money of student displayed using the 3rd api)

Data from frontend –

Student\_id, list of laundry\_id to be updated - for each laundry id the new remaining balance

UPDATE pending\_money

SET case

When id = 1 then ‘respective\_remaining\_balance’

When id=2 then ………………………………………….

……………………………………………………….

WHERE laundry\_id In list\_of\_laundry\_id

ON SUCCESS -

ON FAILURE - Problem for student