Page No. Date Assignment 4
Name: Shihab Muhtasim
10: 21301610 Title:

300D LUCK

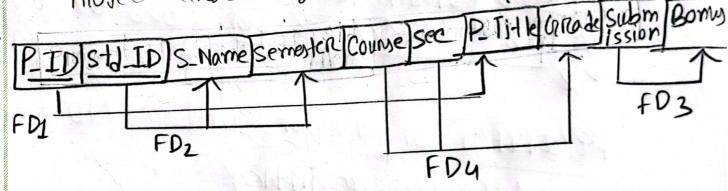
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Ans to or 1

i) The given rulation is in 1NF because it has no composite attributes, multivalued attributes or nested rulations.

ii) Girer,

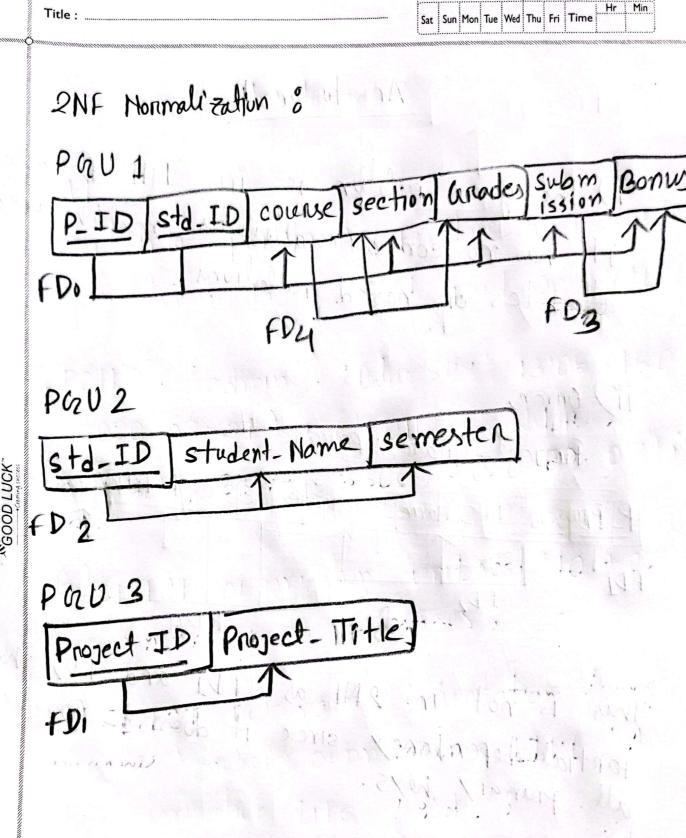
Priozect-Cinade upgrade



This is not in 2NF as FD1 and FD2 has partial dependency since it doesn't involve all primary bays.

GOOD LUCK

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iii) It is not in 3NF because of FD3, FD4, Here, FD3 & P_ID, Std_ID -> Submission Bonus FD4: P_ID, st_d_ID -> course course -> section, grades 3NF2 box (811091) ([12-80-0202 Std-ID course submission PUU 2 course section anades paus Project_ID | Proj. Title, PNU 3 Bonus sub mission Pav 4 std-ID/std-Name semestery

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Ans to or 2 to 1 2 to 1

A)
Invert into purchases (Purchase-id, ποle-rame)
organization, unitcost, count, paid-on) VALUES
('P0117', 'admin', 'Blue Suy', 13.05, 150,
'2020-08-21'), ('P0118', 'auditori')
'Alphabet', 33.77, 3300, 2020-99-07');

B) SELECT organization, unit cost \$10 + count as amount from punchases;

c) SELECT role-name, organization from purchases where organization LIKE "A%" or organization Like "%d";

or organization Like "%d";

d) SELECT purchase_id, rok_name from punchases where unit_cost > 30 and paid_on>2020-06-30;

GOOD LUCK