CS143 HW#3 : Junhong Wang (504941113)

- 1. CHECK (weight <= 5)
- 2. (a) CREATE VIEW Employee Names AS

 SELECT ename

 FROM Employees

CREATE VIEW Dept Info AS

SELECT dept, AVG (salary) AS augsalary

FROM Employees

GROUP BY dept

and

SELECT for Dept Into

Suppose we want to know the salary of an Employee ("Junhong", "Cs", "100")

Then we can

DELETE FROM Employee Names

WHERE ename <7 "Junhong"

to get vid of every one except "Junhong"

Then we can

SELECT * From Dept Info

to check the aug salary.

Since there's only one person left, the ars salary shown is "Junhong"'s salary.

- (d) UPDATE Dept Info SET aug salary = 0
- CES GRANT SELECT, UPDATE

 ON Employees

 TO JOE

 WITH GRANT OPTION

GRANT SELECT, UPDATE

ON Employee Names

TO JOE

WITH GRANT OPTION

transfer time =
$$\frac{1}{500} \cdot 10 = \frac{1}{50} = 0.02 \text{ ms}$$

1024 bytes / Sector (block)