East West University

Dept. of Computer Science and Engineering

CSE302: Database Systems (Section 6)

Quiz - I (Fall 2024)

	Quiz – I (Fall 2024)	Full Marks: 10
Time: 30 Minutes	Nama	
Student ID	Name	

Generate the Relational Algebra Expressions for the following queries. (1 X 10 = 10 points)

1. Find the name of employees who are male.

Select all project details managed by Alice.

Granager = 'Alice Projects)

3. Find the total number of hours worked by Charlie on all projects.

Gregor (howyonded) & name = 'Charlie' (Employee & Assignments)

4. Find the employee names and genders who worked on Project E.

Trame, gender (Fraject E')

5. List the names of employees who hold the dual role of being an employee and a manager. Trane (6 name = managor (E(NA)) Tiname (En) 1 Timanager (P) 6. Select the names of employees who have worked on both Project A and Project D Mame (6 project Name (EXIANP)) 6 - = (project B

7. Select the names of employees who have not worked on any project.

Thane (Employees of (Tell (Employees) - Tell (Assignment))

Of Thane (Employees) - Thomas (EMA)

8. Calculate the average working hours of female employees.

Gravor (wit) (Egenders Female (EMA))

Find the employee (ID) who worked on all projects.

the employee (ID) who worked on all projects.

the employee (ID) who worked on all projects. put miq TEID (- Assignments - Toprojects) 10. Find the employee name and project name for the assignment with the most hours worked. MHW (howswarked) Signment) name, projectname (ENAMP))
hows = "MHW