



2023/2024 AY  
Odd Semester

## MODULE 3 PRACTICUM EXAMINATION

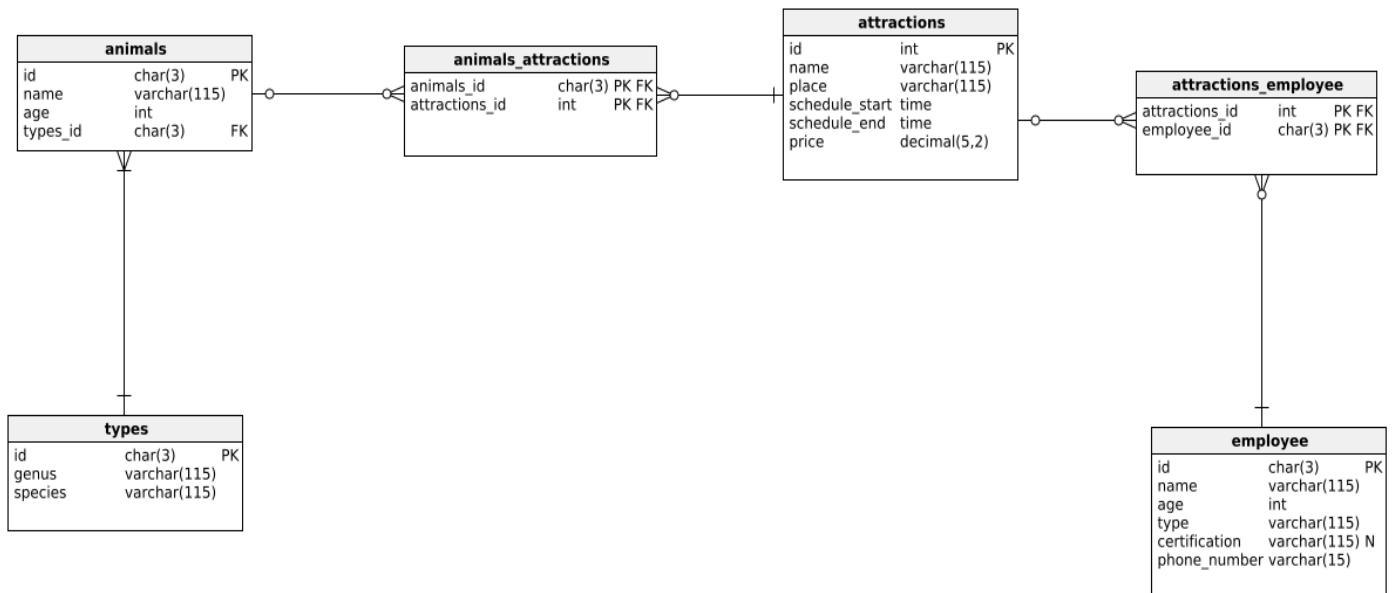
Departemen Teknik Informatika

Fakultas Teknologi Elektro dan Informatika Cerdas

Institut Teknologi Sepuluh Nopember



Course	:	Database System (EF4104)	Time	:	120 Minutes
Day, Date	:	Tuesday, 26 November 2024	Location	:	Informatics
Module Material	:	Query	Exam type	:	Closed Book
Lecturer	:	Database System Lecturer Team			



Link to Database:

<https://drive.google.com/file/d/1rbRA97PII3xPnad0Rpj7R2sQNSt5WjXq/view?usp=sharing>

**Create queries to obtain these answers:**

1. List every animal with an attraction schedule that runs from 9:00 to 15:00, along with their attraction name.
2. What are the species for animals taking part in the “night spectacular” attraction
3. 1 animal is not participating in any of the attractions due to pregnancy, find out who it is. Display all data regarding the animal!
4. Show the percentage of certified employees
5. Show the revenue of each animal, sort to highest revenue to lowest
6. Display all free attraction that doesn't involve a healthcare employee
7. In all attractions, display the names, the locations and the employee status, is there any of the certified employee stationed there (hint: certified employee is a displayed as a new column)
8. Show the percentage of how much an animal uses an attraction location, exclude the animal from number 3 [hint: animal name (y-axis), location (x-axis)]
9. One of the salary factors of an employee is their employee type. If a ranger receiver \$25,00 per attraction (\$35 if senior ranger) and \$19 for a healthcare employee. Calculate and display all employees revenue in one month (assuming 1 month = 30 days)
10. Display which employee(s) has an interaction with seals