Database Project

We are the Databases Systems Gurú of the enterprise, where we actually work. We need to prepare a database for an important customer. This customer wants to store the information related to the workers of all the enterprises and wants to store the every-day hours each worker stays in the enterprise.

The customer has different enterprises. Each enterprise has workers, and a worker can be assigned to different enterprises.
Each worker saves the attendance information (initial time and end time for each day). A worker can work in different enterprises, in different hours, in the same day.
The customer wants to know the city of each worker. A worker lives in one city, but many workers can live in a city.

1. DDL - Database creation:

1. Create the ERD.
2. Create the relational diagram.
3. Create a new database in your MySQL Server.
4. Create the tables, fields and relations in the database using DDL.
5. Using DML, insert 10 rows for each table.
6. Using DML, update one row of each table (**WHERE STATEMENT**)
7. Using DML, drop, at least, one row of each table

2. DML - Select Statement:

1. Select all the workers, ordered by name.
2. Return the total amount of enterprises.
3. Return the youngest worker.
4. Return the cities and how many workers lives in each one.
5. Return all the cities and the workers who live in each one. If one city doesn't have any worker, must to appears.
6. For a specific worker, we want to know if he/she worked between two days.
7. For a specific day, how many workers worked between two hours.
8. Return the name of enterprises that has less than 5 workers.
9. Return each worker and the total amount of days that he/she worked.
10. Return the average age of the workers.
11. Return the cities that its name starts with "A".
12. For a specific city, we want to know the names of the workers of this city, and the name enterprises where they work.