

Week 6 Tutorial Submission

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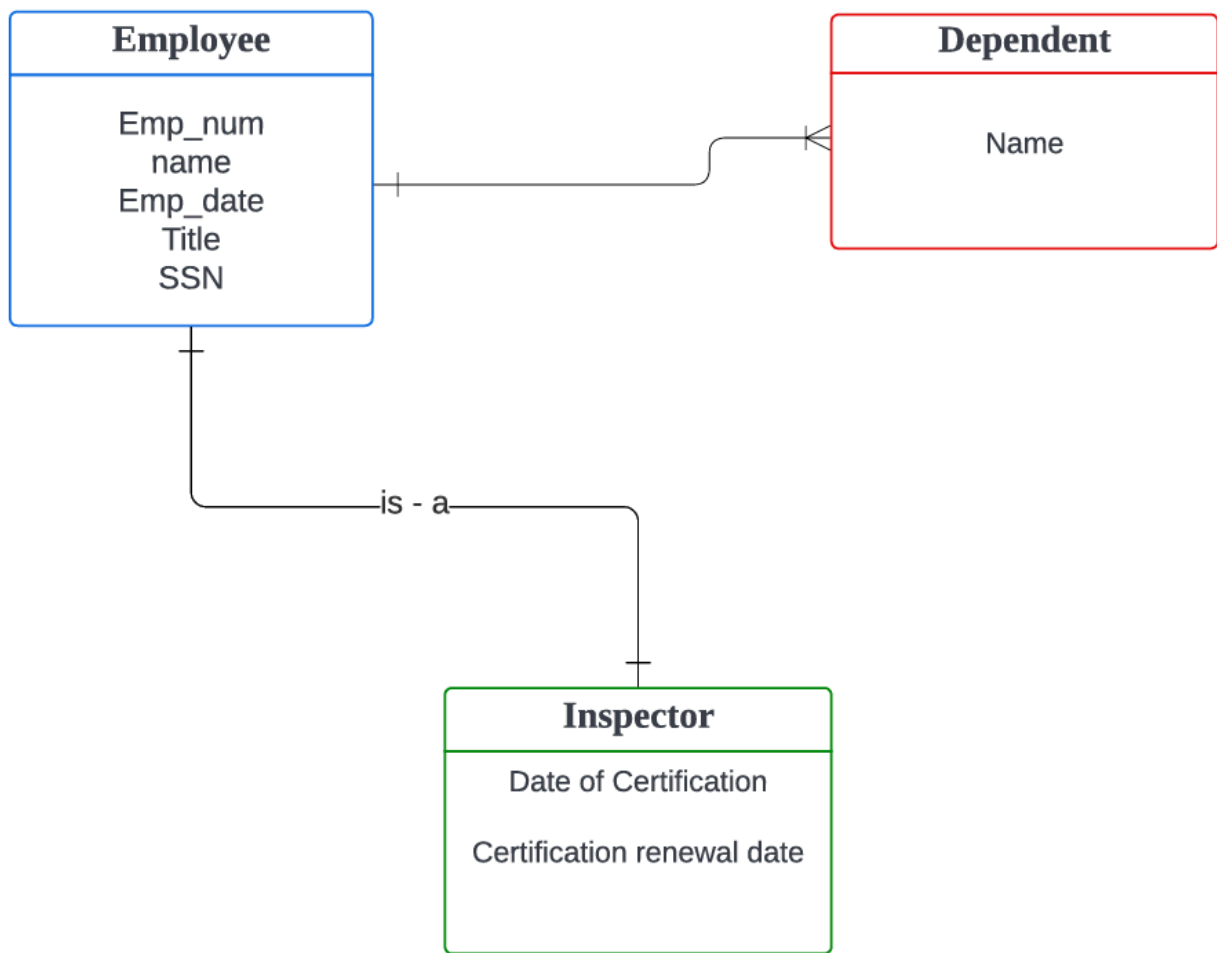
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Unit : ICT_104

Professor : Md Muhammad Rafiqul Islam

1. Given the following business scenario, create a Crow's Foot ERD using a specialization hierarchy if appropriate.

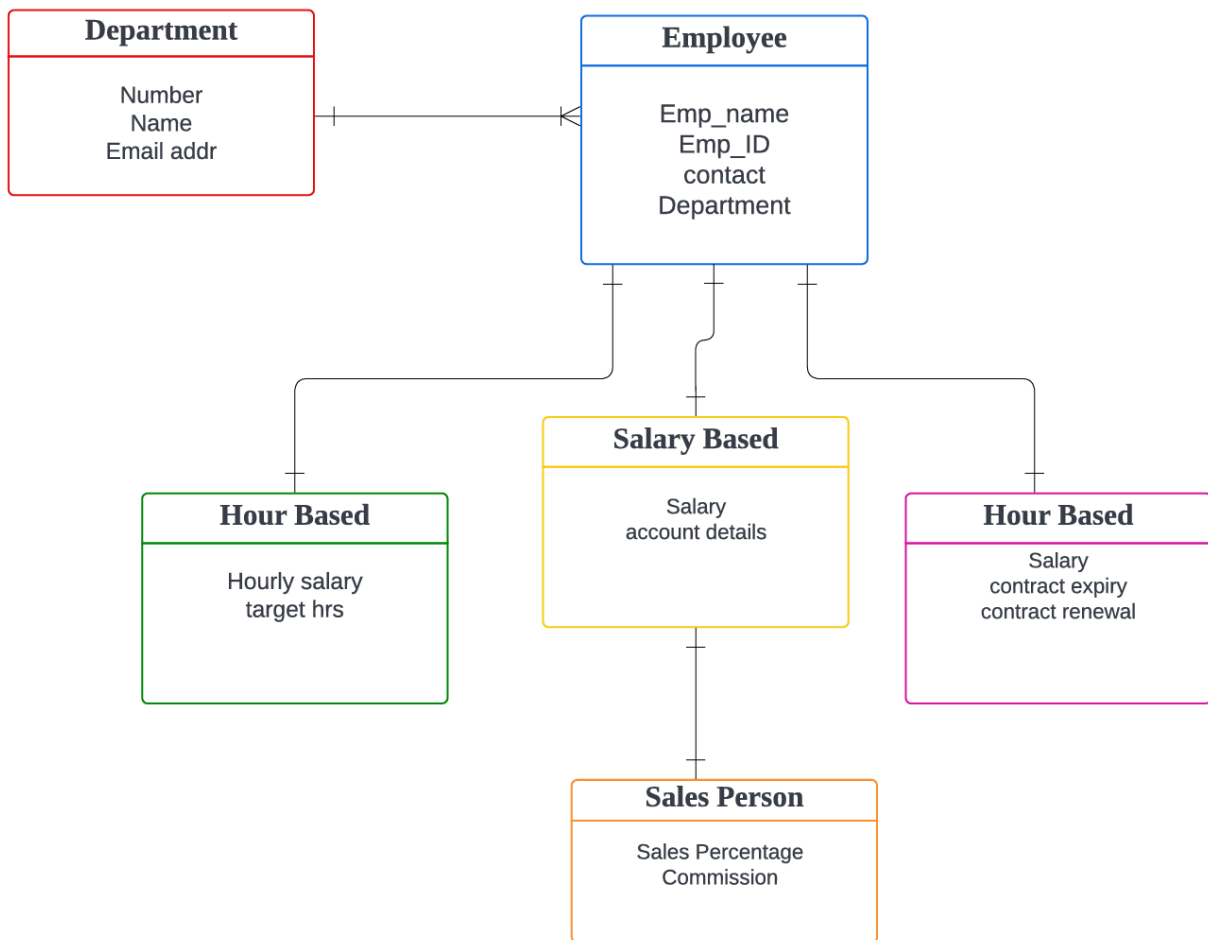
Answer :



Lucidchart. (n.d.). *Lucidchart: Diagramming made easy*. Available at: <https://www.lucidchart.com> [Accessed 30 Oct. 2024].

2. Given the following business scenario, create a Crow's Foot ERD using a specialization hierarchy if appropriate.

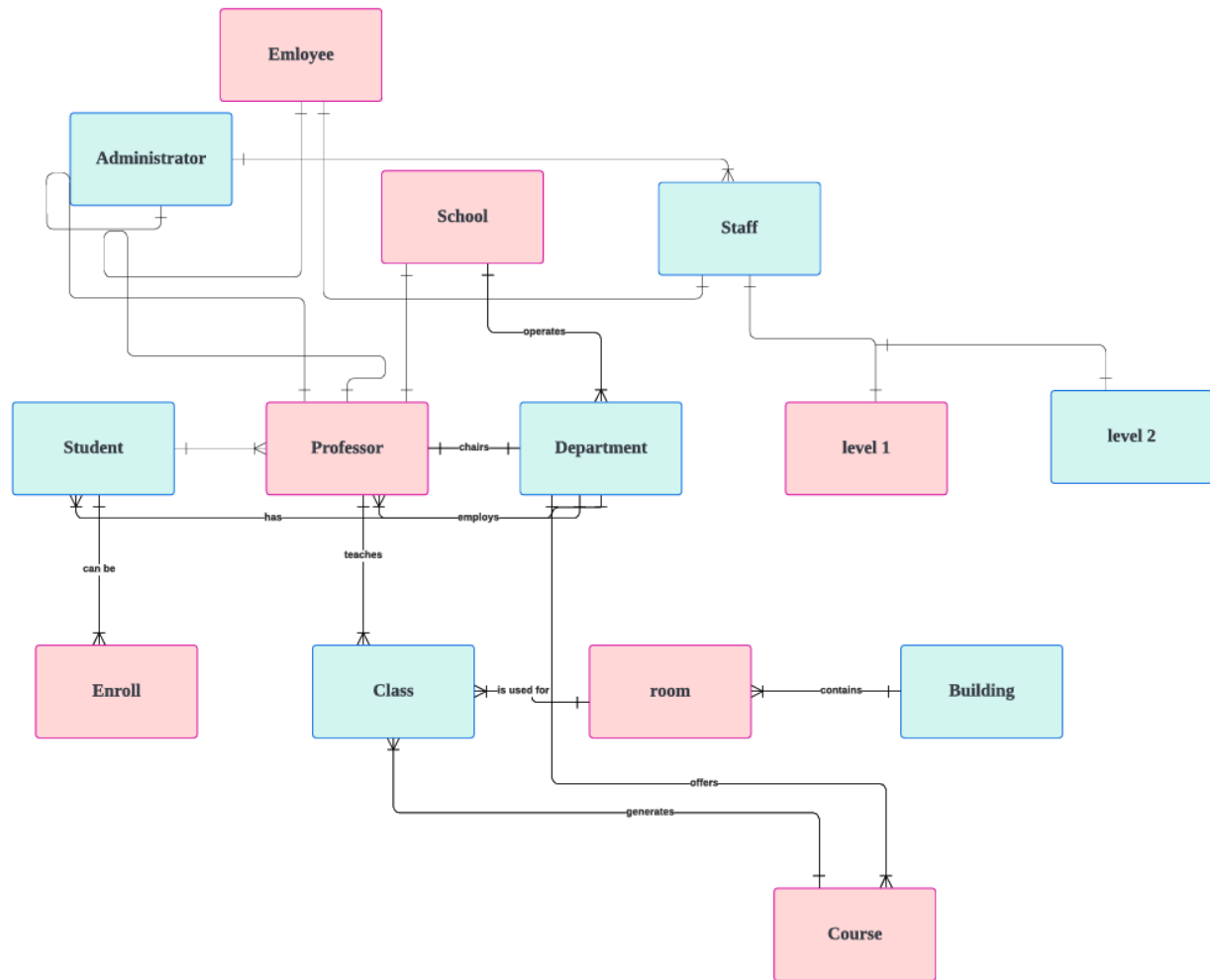
Answer :



Lucidchart. (n.d.). *Lucidchart: Diagramming made easy*. Available at: <https://www.lucidchart.com> [Accessed 30 Oct. 2024].

3. In Chapter 4, you saw the creation of the Tiny College database design. That design reflected such business rules as “a professor may advise many students” and “a professor may chair one department.” Modify the design shown in Figure 4.35 to include these business rules:

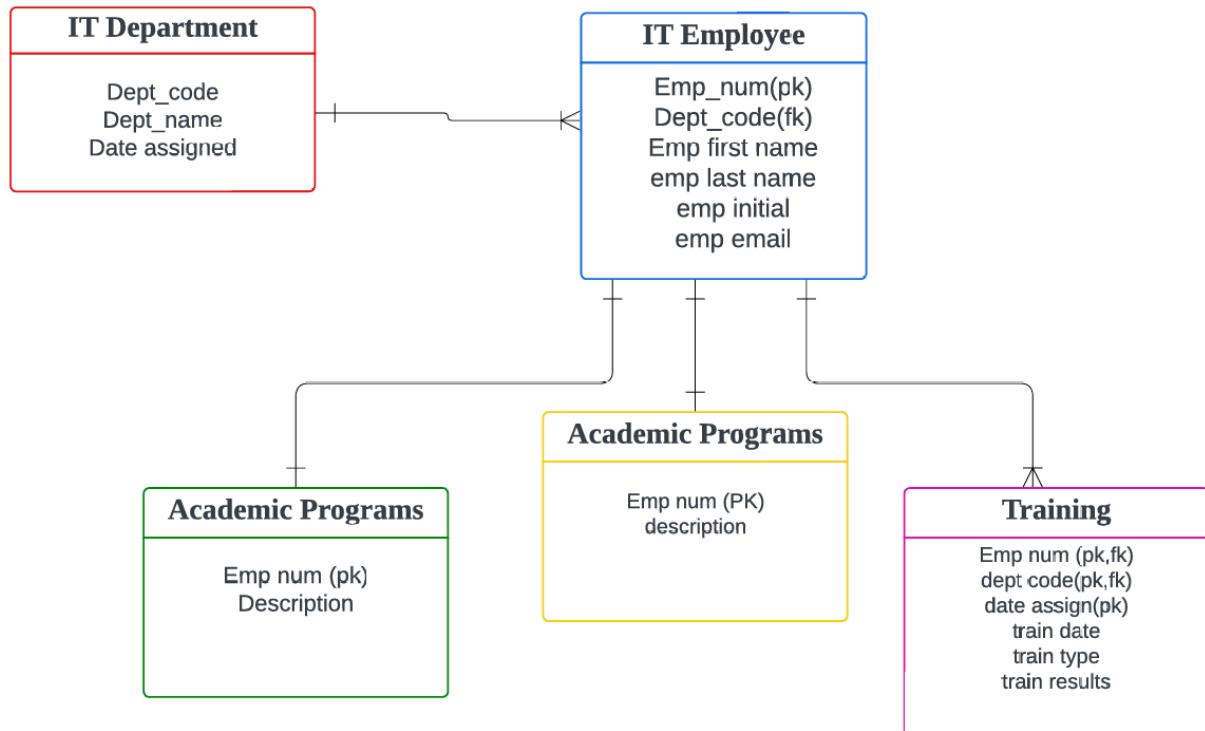
Answer :



Lucidchart. (n.d.). *Lucidchart: Diagramming made easy*. Available at: <https://www.lucidchart.com> [Accessed 30 Oct. 2024].

4. Given that information, create the complete ERD containing all primary keys, foreign keys, and main attributes.

Answer :



Lucidchart. (n.d.). *Lucidchart: Diagramming made easy*. Available at: <https://www.lucidchart.com> [Accessed 30 Oct. 2024].

Reference :

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