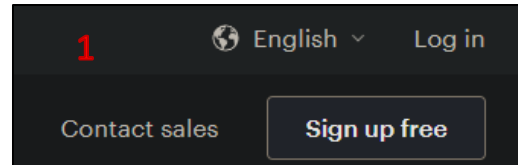
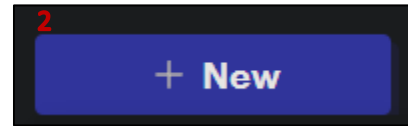


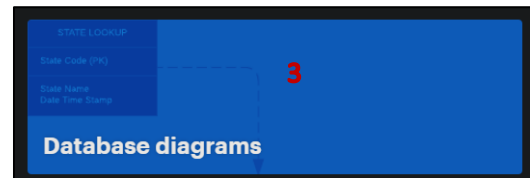
1. Open [Lucidchart](#) and log in or create an account.



2. Click on “New” on the dashboard, mouse over Lucidchart, and either select Blank Document or Create from Template.



3. Select ‘Database diagrams’ and select an ERD template that suits your needs.

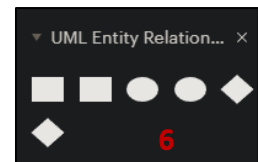


4. Once you select the ERD template, you will see a blank canvas with a toolbar on the left-hand and top side of the screen. The toolbars contain

shapes, lines, text boxes, and other tools that you can use to create and edit your ERD.

5. Select ‘Shape Library’ and choose the DBMS software you are using. This will give you shapes to use in your ERD that pertain to your software. This example will use UML shapes.

6. The first step in creating the ERD is to add entities to your diagram. To do this, select an Entity shape from the toolbar and drag it onto the canvas. Double click on the specific text in the shape to change the name of an entity.



7. Next, to add data to the entities, click on the entity. On the right-hand side of your screen, you will have the option to add data to your entity.

8. To create relationships between entities, select a State/Activity shape from the toolbar and drag it onto the canvas. Click on the endpoint of the relationship shape and drag it to the entity you want to connect it to.



9. Repeat the above steps to add more entities, relationships, and data types to your diagram until you have created a complete ERD.

10. Once you are done creating your ERD, you can save it to your Lucidchart account, and export the ERD to build your database in your DBMS.

