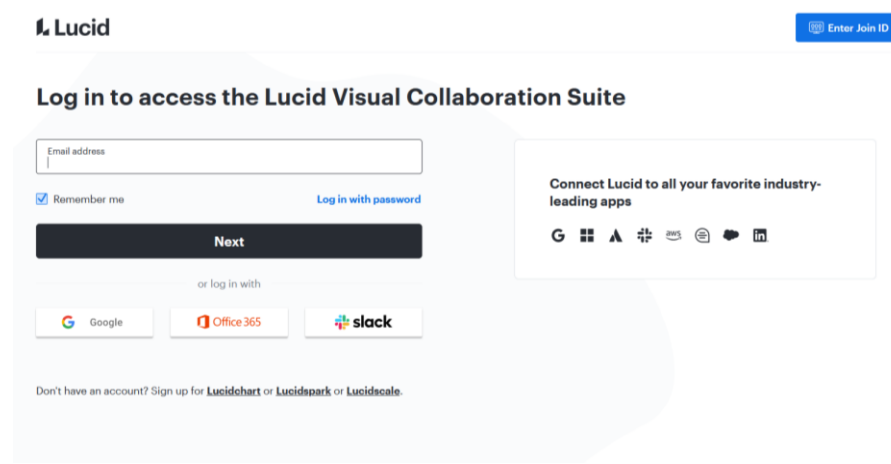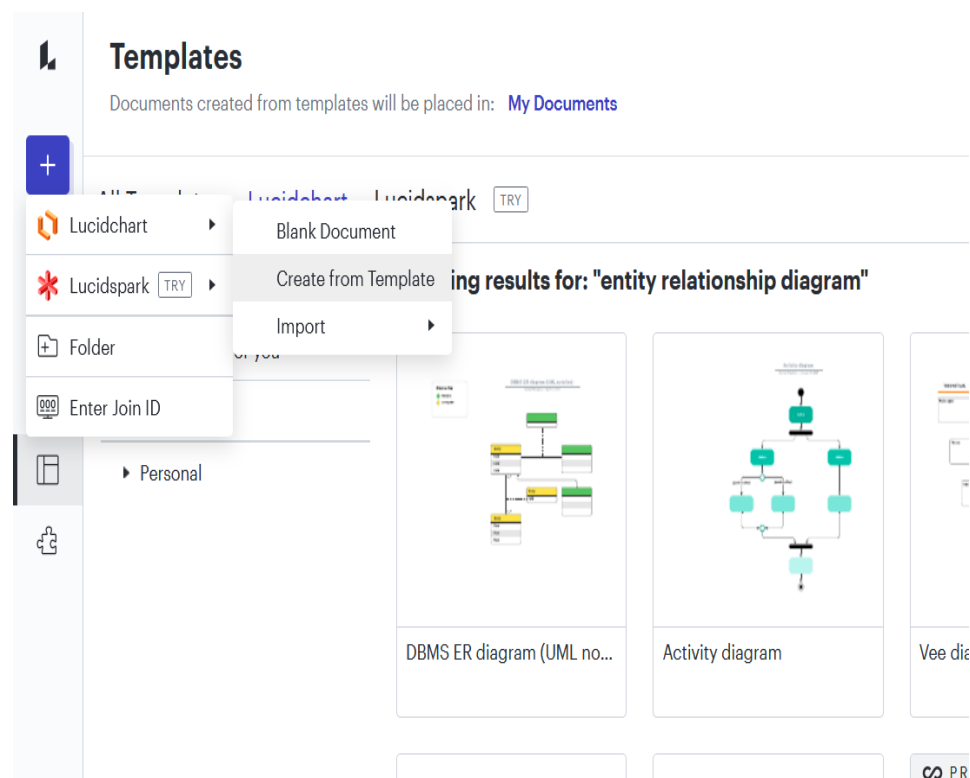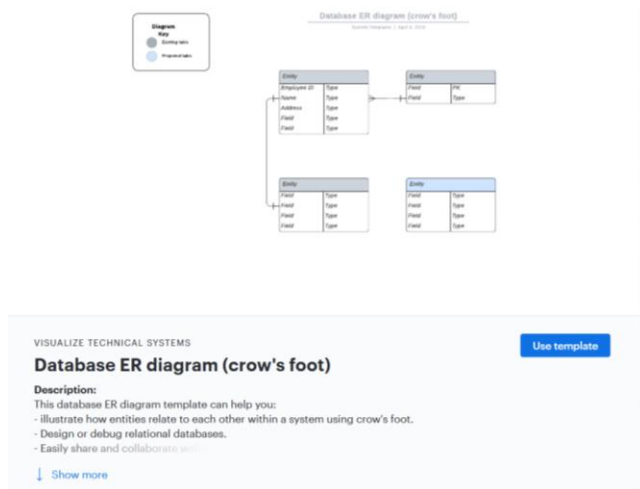**1.** Sign in to your Lucidchart account or create a new one.
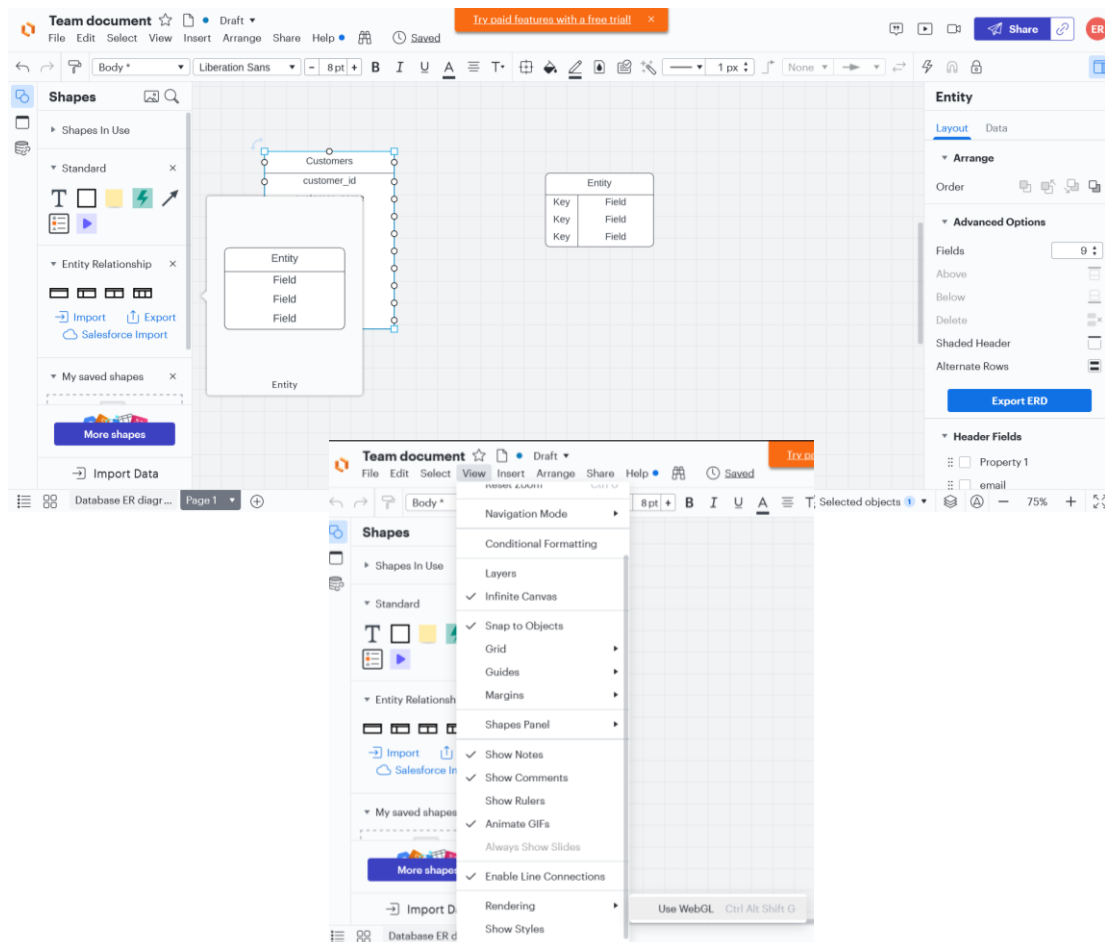

2. Click on the "New Document" button, and select an "Entity Relationship Diagram" from the list of templates. You can type Entity relationship diagram in the search bar to pull one up.
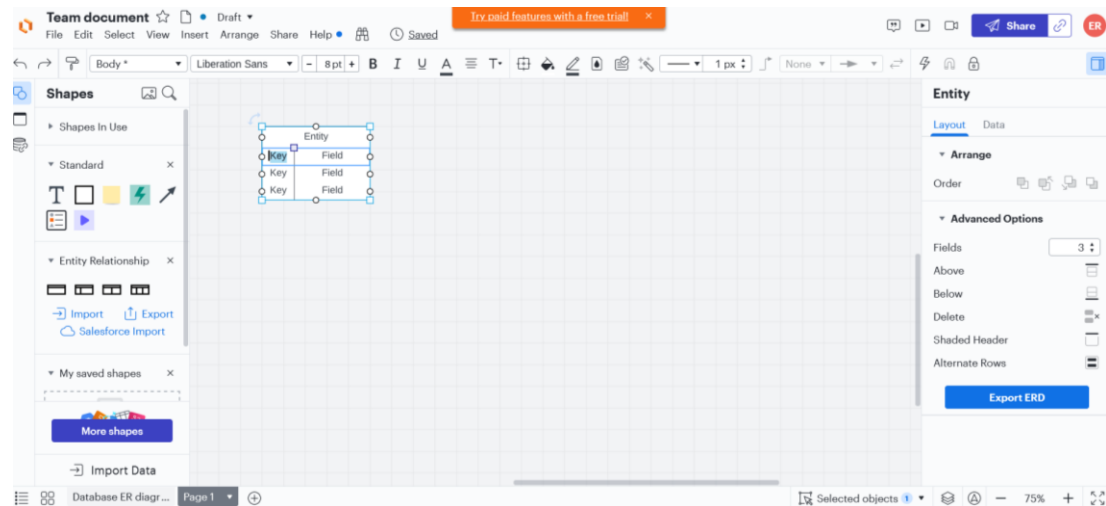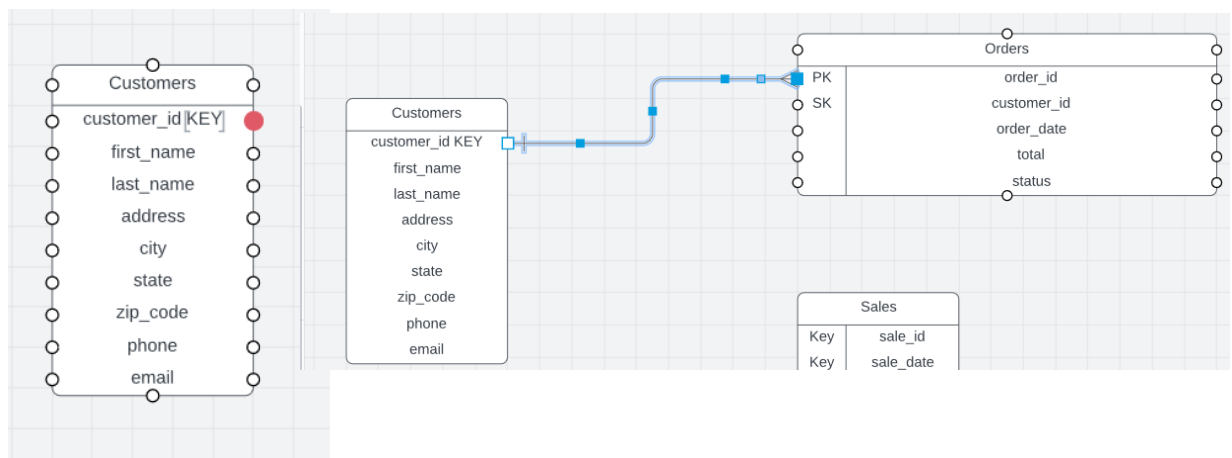
VISUALIZE TECHNICAL SYSTEMS

Database ER diagram (crow's foot)

Description:
This database ER diagram template can help you:
- illustrate how entities relate to each other within a system using crow's foot.
- Design or debug relational databases.
- Easily share and collaborate with

↓ Show more

3. You can now start adding entities to your diagram. To add an entity, click on one of the entity buttons from Shapes in the left toolbar and drag it onto the canvas if you're not using Premium. Make sure WebGL is turned off also by going into the View menu and scroll down to Rendering, otherwise you might get a black screen where the entities should display.
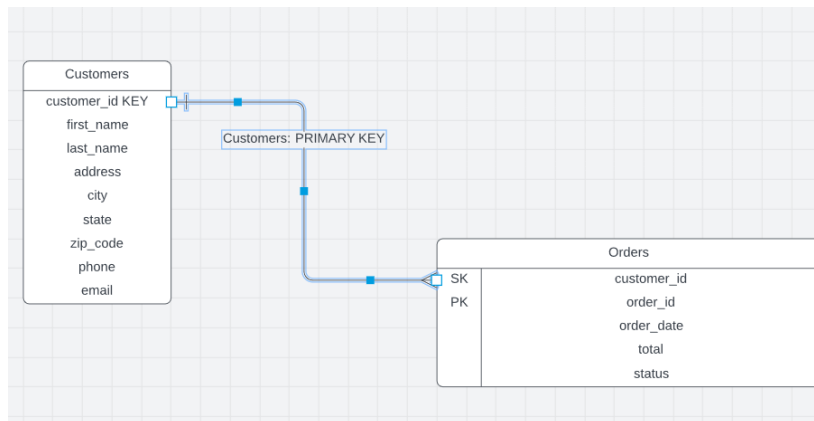
4. From here Double-click on the entity to add a name and any attributes you want to associate with it. You can add attributes by clicking on the "+" button inside the entity. If you look on the right of the screen, you can edit this information there as well.
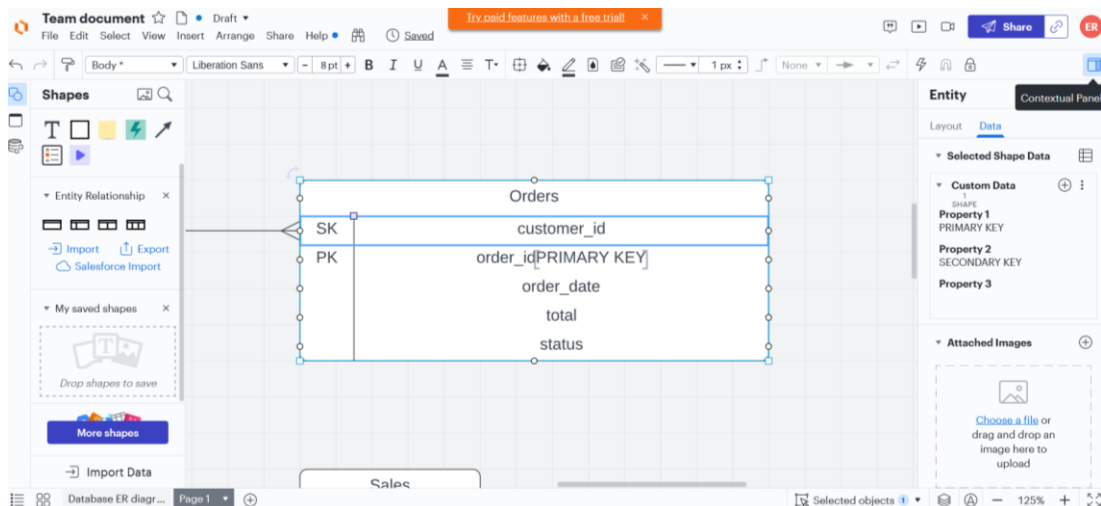

5. To add a relationship between two entities, click on one of the circles from the starting entity and drag the arrow to the entity you want to connect it to.

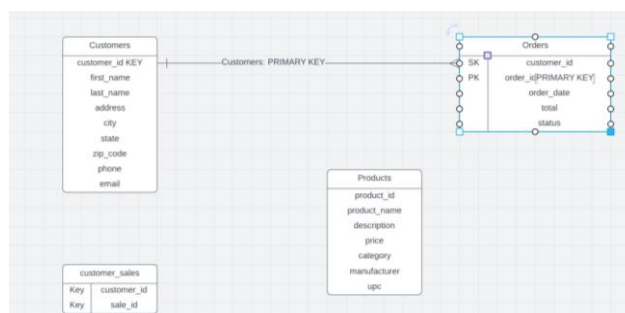**6.** You can double-click on the relationship line to add a name in text.

7. To add attributes to describe the relationship, double-click on the Primary or Secondary Key field, pull up the Contextual Panel in the upper right hand corner if it is not open already.

8. Click on Data, and under the Custom Data area you can add attributes by clicking the "+" button. Under that should pop up some "Property" fields. You can type Primary or Secondary Key to fill this in.

9. You can also resize the tables if need be by moving the mouse to the edges of each table. Keep adding the rest of your entities and relationships until you are finished.

10. You can also customize color schemes, change fonts, or add icons and images.

11. Click "Save" in the top toolbar, and you're all set.