By - Shringa Bais
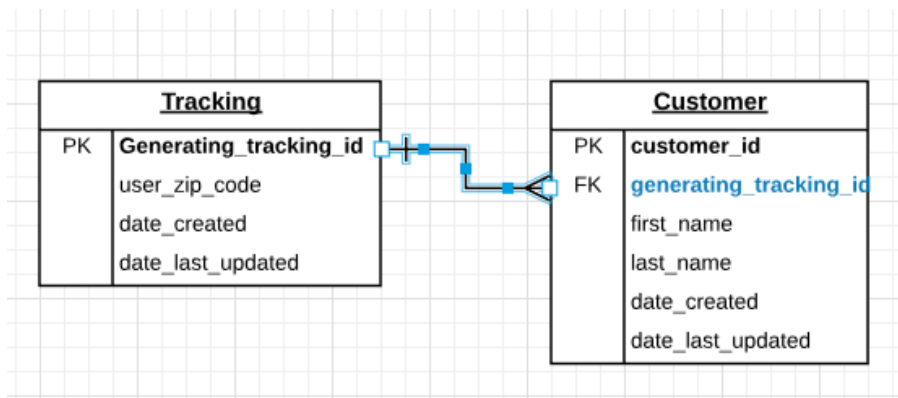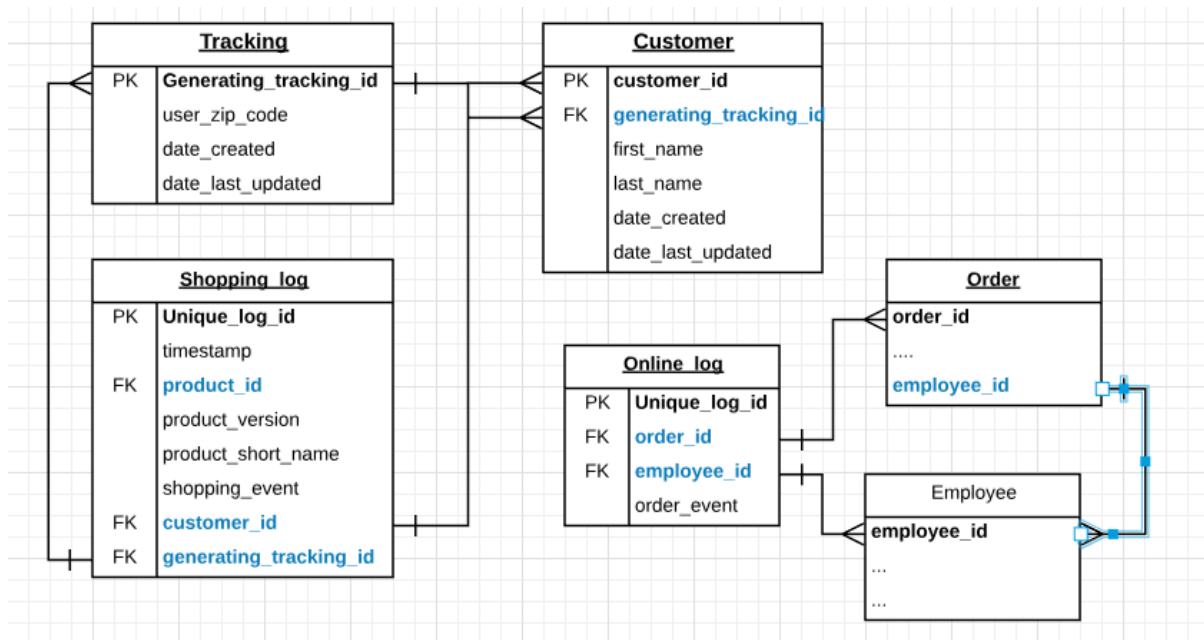
Additional Changes

For Task1:

As ER diagram shows how both the transactional databases **Shipping and Online and fulfilment** are connected to each other with the **Primary and Foreign Keys**. We can still see that **tracking table** is still not connected to any of the table and tracks customers activities on the site. If we are using the transactional database below changes, we can do to make it more useful.

1) **Joining tracking and customer table**: This will help us to track customer behaviour before it moves on to make a purchase.
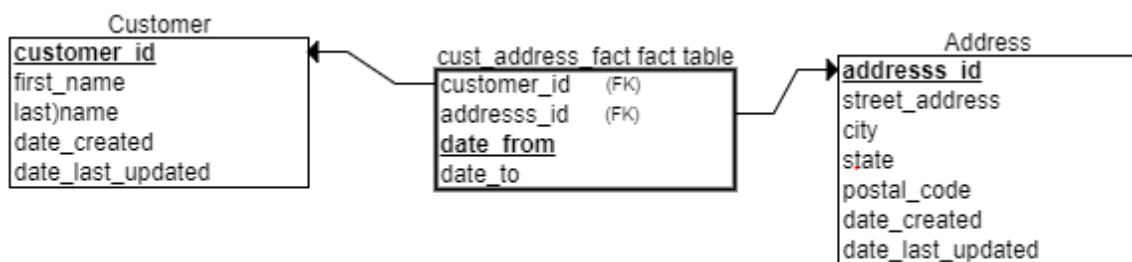

2) **Loading Log files data into table:** We have 2 log files which tracks customers and employees' activities before it make a final purchase and for employees to send the package. We can make below tables and create a whole transactional dataset.

For Task3:

Here we have created basic STAR Schema as per asked in the question and getting earliest version of the Datawarehouse. We can further improve this by further breaking down dimension table and generate a unique key out of it.

For example: Customer and Customer address table can generate a common table. Single customer can have multiple address and we can track that.

Something like this will help us in storing/extracting data easily.