# E-Commerce Management System (Walmart)

## Group - 19

### **Changes made in Final ERD:**

* We have removed Product Details in Order Entity and created an associative entity ORDER\_LINE connecting between ORDERS and PRODUCTS.
* We have removed relationship between ORDER and SHOPPING\_CART\_ITEMS.
* The relationship between USER and PAYMENT is removed because PAYMENTS are linked to ORDERS.
* We have added three new entities WISHILIST\_ITEMS, SHIPPING\_ADDRESSES, DELIVERY\_LOGISTICS.
* There was a many-to-many relationship between PRODUCTS and SELLERS, so now we have introduced an associative entity SUPPLY\_LOGISTICS.
* There was a many-to-many relationship between PROMOTIONS and PRODUCTS, so now we have introduced an associative entity PRODUCT\_PROMOTIONS.
* There was a many-to-many relationship between PRODUCTS and ORDERS, so now we have introduced an associative entity ORDER\_LINE.
* We have removed a composite attribute from USER entity and created a new entity establishing one-to-many relationship between USERS and SHIPPING ADDRESS.
* We have added one-to-many relationship between SHIPPING\_ADDRESSES and DELIVERY\_LOGISTICS.
* We have added one-to-one relationship between ORDERS and DELIVERY\_LOGISTICS.

A computer screen shot of a diagram

Description automatically generated

**Note**: If the above image is not clear, we have uploaded it on GitHub. Please use the [GitHub URL](https://github.com/VinayGangadhara/DAMG6210-WalmartPro/tree/main/P3%20-%20Final%20ER%20Diagram/ER%20DIAGRAM) in such scenario.