Consider Pine Valley Furniture Company database schema.

Reconsider the application developed in Lab 7 with following functionalities:

- 1) A page that allows user to register as a new customer.
- 2) A page to allows user to login.
- 3) A page to add new products.
- 4) A page to place an order with corresponding order details.

And role based access.

- a. Customer role
- b. Employee role

Problem A) Extend the problem 4 above. During Order Placement when the customer search for a product, in addition to displaying search results, also display relevant products searched by other customers who search the same product. (Search relevancy)

Problem B) When the customer finalize the order after selecting products, display relevant products ordered by others who have ordered products selected in this current order. (Order relevancy)