

Consider the Pine Valley Furniture Company database designed and implemented during the previous semester. Try to recall major relations in the database (**CUSTOMER\_T**, **ORDER\_T**, **ORDER\_LINE\_T**, and **PRODUCT\_T**).

There is a need to implement a web-based solution for the above-mentioned database. The web-based solution must incorporate the following functionalities:

- New Customer Registration
- Searching of Products
- Products Selection and Order Placement
- Product Catalog Update
- Payment Provision

As a first step, design the above-mentioned (i) to (v) user interfaces using paper and pencil.

Next, write appropriate HTML for creating (i) to (v) user interface prototypes.

Create links for navigation among above pages.

Design a menu using list and styles.

Add help pages for user guidance.

Either use table for layout or may opt for flow-based layout.

Test user interface prototypes in browser.

Experiment with style sheets.

## Q2)

Try to incorporate business intelligence in your project. You may consider the following options:

- Try to transform order processing system into a customer segmentation analysis platform.
- How user profiling can be added into basic order processing system?
- How targeted marketing can be realized?
- Add recommendation system feature in your project.