

CA32106: Object Oriented Analysis and Design

Assignment

1. Read the following paragraph and draw a Package Diagram

Web Shopping, Mobile Shopping, Phone Shopping, and Mail Shopping packages merge Shopping Cart package. The same 4 packages use Payment package. Both Payment and Shopping Cart packages import other packages.

2. Read the following paragraph and draw a State Machine Diagram

Water can exist in several states - liquid, vapor, solid, and plasma. Several transitions are possible from one state to another. For example, freezing is phase change from liquid state to ice. Condensation is phase change from vapor state to liquid. Water vapor could turn directly into frost through deposition.

3. Read the following paragraph and draw an Activity Diagram

Online customer can browse or search items, view specific item, add it to shopping cart, view and update shopping cart, checkout. User can view shopping cart at any time. Checkout is assumed to include user registration and login.