Queries

1. Grab cart

SELECT Product\_ID, Final\_Price

FROM orders

WHERE Order\_Status = ‘Cart’ AND

Customer\_ID = ‘#’

1. Add to cart button
   1. Update price, weight, memory, disk size, disk type, battery

INSERT INTO order

VALUES(‘$Order\_ID’,’Cart’,’$Order\_Date = NULL’,’$Customer\_ID’,’$Product\_ID’,’$Final\_Price’,’$Memory\_Size’,’$Disk\_Type’,’$Disk\_Size’,’$Battery\_Size’)

1. Default upgrades

INSERT INTO order

VALUES(‘$Order\_ID’,’Cart’,’$Order\_Date = CURRENT\_DATE’,’$Customer\_ID’,’$Product\_ID’,’$Final\_Price’,’8’,’HHD’,’200 GB’,’12 hours’)

1. Product type selection from menu. Show all products. # = the model type that the user wants

Select Product\_Name

From Product

Where Model = “#”

1. Details button – takes you to that product
   1. Grab details

SELECT Model, Base\_Price, Size, Weight

FROM Product

WHERE Product\_ID = “#”

1. Select by size

SELECT Product\_ID

FROM Product

WHERE size = “#”

1. Select by weight range

SELECT Product\_Name

FROM Product

WHERE weight BETWEEN x AND y

1. Select by price range

SELECT Product\_Name

FROM Product

WHERE Base\_Price BETWEEN x AND y

1. Product details page
   1. Dropdown for each battery, drive, memory
      1. Hard code?
   2. Grab details for each. Do this if the inventory > 0

SELECT Product\_Name, Model, Base\_Price, size, weight

FROM product

WHERE Product\_ID = #

1. Admin
   1. Input new system

INSERT INTO product

VALUES(‘$Product\_ID’,’$Product\_Name’,’$Model’,’$Base\_Price’,’$size’,’$weight’,’$Inventory’

* 1. Check identity
  2. Information listing
     1. Complete list of purchase during given time period

SELECT o.Product\_ID, p.Product\_Name,

FROM order o, product p

WHERE o.Product\_ID = p.Product\_ID AND

Order\_Status = ‘Ordered’ AND

Order\_Date BETWEEN x AND y

* + 1. Total sales for a given month and year

SELECT SUM(Final\_Price)

FROM orders

WHERE EXTRACT(month FROM Order\_Date) = # AND

EXTRACT(year FROM Order\_Date) = # AND

Order\_Status = ‘Ordered’