

Linda's Lighting Emporium

A lighting shop Linda's Lights sells lighting systems to customers. The shop specialises in all types of lighting – indoor and outdoor, commercial and domestic. As well as selling light fittings and parts over the counter to the public, the shop offers a service whereby they will design a lighting system to the customer's specifications. The customer gives his/her name and address and the specification of the area to be lit to the sales assistant in the shop. The sales assistant records it and gives the customer a date and time to return to look at the designed system. Later on, the lighting designer takes the customer's specification and designs a lighting system that will suit the customer, using lights that are in the shop's current lighting stock and pricing the system using the price of the stock. To do this, she needs to use her skill as a designer, providing design information that is not already in the system. The customer returns to the shop at the appointed time and, together with the designer, makes adjustments to the design to suit his/her needs and budget, once again, using only lighting that is in stock. When the customer is satisfied with the design and cost, he/she arranges for the lighting system to be fitted by an electrician from Linda's lights. When the electrician has finished the job, he records the job as being completed. The sales assistant then invoices the customer with the agreed cost. The customer submits a single payment for the job. The sales assistant records this in the ledger. At the end of every week, the sales assistant checks which lighting needs to be restocked and orders it from the supplier. The supplier delivers the stock a few days later and is paid on delivery by the sales assistant, who checks the stock supplied against the order that was made. The payment is recorded in the ledger.

The following sheet records stock that has been reordered in the last week by Linda's lights. Every stock item can only be supplied by a single supplier, but orders are sent out frequently. When stock comes in, it is charged to whichever department is responsible for it. This is determined by the Stock category. For example, all lights are charged to the design department, while electrical stock is charged to the fitters. Items that are sold over the counter are charge to the shop floor.

In Linda's lights the computer system holds information on the customer's lighting specification. It starts off when the customer gives an initial specification to the sales assistant. From then, the designer takes the specification and fills it out with appropriate lighting. The customer may return to view the specification within a week of the appointed date. If he / she does not, the specification is considered expired and is deleted from the system. If the customer does return, he / she may then adjust the specification to his / her liking or may reject it altogether. If it is rejected, it is deleted. If the customer accepts the specification and agrees to have it fitted, then the specification becomes an agreed specification. When the electrician has fitted the lighting system, the specification becomes fitted. At this stage, it awaits the customer payment. When customer payment has been entered, the specification is deleted from the system.

Linda's Lights Stock order sheet

Supplier Id: S47

Supplier Name: Electrical Wholesale Address: Unit 50, John Good Industrial Estate., D 19.

<i>Order number</i>	<i>Order date</i>	<i>Stock code</i>	<i>Stock description</i>	<i>Stock category</i>	<i>Department charged</i>	<i>Number of units</i>	<i>Price per unit</i>
<i>E1121</i>	<i>2/1/2001</i>	<i>L104</i>	<i>Recessed light</i>	<i>Light</i>	<i>Design</i>	<i>10</i>	<i>£30</i>
<i>E1121</i>	<i>2/1/2001</i>	<i>L240</i>	<i>1.5m fitting</i>	<i>Electrical</i>	<i>Fitters</i>	<i>10</i>	<i>£25</i>
<i>E1122</i>	<i>11/1/2001</i>	<i>L105</i>	<i>Wall light</i>	<i>Light</i>	<i>Design</i>	<i>12</i>	<i>£13.50</i>
<i>E1122</i>	<i>11/1/2001</i>	<i>L105</i>	<i>Centre light</i>	<i>Light</i>	<i>Design</i>	<i>6</i>	<i>£4.99</i>
<i>E1128</i>	<i>18/1/2001</i>	<i>L104</i>	<i>Recessed light</i>	<i>Light</i>	<i>Design</i>	<i>10</i>	<i>£30</i>
<i>E1128</i>	<i>18/1/2001</i>	<i>L220</i>	<i>Set of twist bulbs 40w</i>	<i>Sundry</i>	<i>Shop floor</i>	<i>10</i>	<i>£15.99</i>
<i>E1129</i>	<i>20/1/2001</i>	<i>L500</i>	<i>Domestic wiring drum</i>	<i>Electrical</i>	<i>Fitters</i>	<i>2</i>	<i>£150</i>
<i>E1129</i>	<i>20/1/2001</i>	<i>L501</i>	<i>Outdoor wiring drum</i>	<i>Electrical</i>	<i>Fitters</i>	<i>2</i>	<i>£299</i>
<i>E1129</i>	<i>20/1/2001</i>	<i>L501</i>	<i>Outdoor sockets</i>	<i>Electrical</i>	<i>Electricians</i>	<i>10</i>	<i>£15</i>