

#### Link 11.2 Description of Data Model for a Customer Order

Figure 11.4 uses the notation from Table 4.15 and shows that:

- A customer may place zero, one or many orders.
- An order must be placed by one customer.
- An order may comprise of zero, one or many order lines.
- An order line must be part of one order.
- A customer may authorize many payments.
- A payment must be authorized by one customer.
- A payment must relate to one or more orders.
- An order may relate to zero or one payment.
- A product may be specified on zero, one or more order lines.
- An order line must specify one product.
- A product may be part of zero or one range of products.
- A range must include one or more products.