

Business Rules for Cafeteria Ordering System (partial)

| ID | Rule Definition | Type of Rule | Static or Dynamic | Source |
|-----------|---|---------------------|--------------------------|-------------------------------------|
| BR-1 | Delivery time windows are 15 minutes, beginning on each quarter hour. | Fact | Static | Cafeteria Manager |
| BR-2 | Deliveries must be completed between 10:00am and 2:00pm local time. | Constraint | Dynamic | Cafeteria Manager |
| BR-3 | All meals in a single order must be delivered to the same location. | Constraint | Static | Cafeteria Manager |
| BR-4 | All meals in a single order must be paid for using the same payment method. | Constraint | Static | Cafeteria Manager |
| BR-8 | Meals must be ordered within 14 calendar days of the meal date. | Constraint | Dynamic | Cafeteria Manager |
| BR-11 | If an order is to be delivered, the patron must pay by payroll deduction. | Constraint | Dynamic | Cafeteria Manager |
| BR-12 | Order price is calculated as the sum of each food item price times the quantity of that food item ordered, plus applicable sales tax, plus a delivery charge if a meal is delivered outside the free delivery zone. | Computation | Dynamic | cafeteria policy; state tax code |
| BR-24 | Only cafeteria employees who are designated as Menu Managers by the Cafeteria Manager may create, modify, or delete cafeteria menus. | Constraint | Static | cafeteria policy |
| BR-33 | Network transmissions that involve financial information or personally identifiable information require 128-bit encryption. | Constraint | Static | corporate security policy |
| BR-35 | <i>[details about restricted computer system access policy would go here]</i> | Constraint | Static | corporate security policy |
| BR-86 | Only permanent employees may register for payroll deduction for any company purchase. | Constraint | Static | Corporate Accounting Manager |
| BR-88 | An employee may register for payroll deduction payment of cafeteria meals if no more than 40 percent of his gross pay is currently being deducted for other reasons. | Constraint | Dynamic | Corporate Accounting Manager |