

## **System Requirements**

This section lists the system requirements of the new system. A system requirement is a function or purpose that the new system shall meet in order to be a benefit for the business. These requirements are listed in order to provide a more clear and concise definition of what the system will do once its implemented. The bulk of these requirements have to deal with creating, reading, and deleting data from the database that will eventually be a part of the new system. These are more of the functional requirements, which simply means they deal with how the system will actually process data and what data it will process. The nonfunctional requirements are those requirements that are used to judge the performance and operation of the new system.

### **Functional**

1. The new system shall create Customers.
2. The new system shall update Customers.
3. The new system shall delete Customers.
4. The new system shall create Supplies.
5. The new system shall update Supplies.
6. The new system shall delete Supplies.
7. The new system shall create Orders.
8. The new system shall update Orders.
9. The new system shall delete Orders.
10. The new system shall create Fulfillment.
11. The new system shall update Fulfillment.
12. The new system shall delete Fulfillment.
13. The new system shall create FulfillmentOptions.
14. The new system shall update FulfillmentOptions.
15. The new system shall delete FulfillmentOptions.
16. The new system shall create DessertTypes.
17. The new system shall update DessertTypes.
18. The new system shall delete DessertTypes.
19. The new system shall create CakeTypes.
20. The new system shall update CakeTypes.
21. The new system shall delete CakeTypes.
22. The new system shall create DessertFlavors.
23. The new system shall update DessertFlavors.
24. The new system shall delete DessertFlavors.
25. The new system shall create FlavorTypes.
26. The new system shall update FlavorTypes.
27. The new system shall delete FlavorTypes.

- 28. The new system shall update Desserts.
- 29. The new system shall delete Desserts.
- 30. The new system shall create PaymentTypes.
- 31. The new system shall update PaymentTypes.
- 32. The new system shall delete PaymentTypes.
- 33. The new system shall create SupplyExpenses.
- 34. The new system shall update SupplyExpenses.
- 35. The new system shall delete SupplyExpenses.
- 36. The new system shall allow customers to sign-in.
- 37. The new system shall allow customers to sign-out.
- 38. The new system shall create Payment.
- 39. The new system shall update Payment.
- 40. The new system shall delete Payment.

#### **Nonfunctional**

- 41. The new system shall secure customer information.
- 42. The new system shall secure customer financial information.
- 43. The new system shall provide a sensible customer experience.
- 44. The new system shall provide a sensible administrator experience.
- 45. The new system shall provide reliable performance.
- 46. The new system shall compatible with a variety of web browsers.
- 47. The new system shall be scalable to meet customer demands.
- 48. The new system shall allow customers to browse products in an easy, informative way.

#### **Additional Functional Requirement**

- 49. The new system shall create Desserts.