# Directions & Deliverable

In this exercise, you will build a console application and use ADO.NET libraries to retrieve data and to update the database. When you have tested each option below, please take a screen shot of your interaction with the cnsole window. Submit your zipped up Visual Studio project and screen shots electronically to Blackboard by the due date specified.

#### Description

The BicyclesStores Corporation (database from the midterm exam) would like a console app developed for their customer service team to assist customers with store and product information.

**Functionality Requested (Console App Options – 20 pts ea)**

1. Provide staff contact information to the customer
   1. Input: The FirstName and LastName of the staff member
   2. Output: The requested staff member’s FirstName, LastName, Email, and Phone
2. Provide store location and contact information to the customer
   1. Input: (The store City and State) OR (StoreId)
   2. Output: StoreName, Phone, Email, Street, City, State, ZipCode
3. Check a customer’s order status
   1. Input: OrderId
   2. Output: OrderId, OrderStatus (in customer form), OrderDate, RequiredDate, ShippedDate
4. Check availability of a product
   1. Input: ProductId OR Name
   2. Output: The quantity available of the product and any applicable stores containing stock of the product (StoreName, Phone, Email, Street, City, State, ZipCode)
5. Update a customer’s information
   1. Input:
      1. CustomerId or FirstName/LastName to pull up the customer
      2. Which contact information they wish to update (FirstName, LastName, Phone, Email, Street, City, State, ZipCode)
      3. The new information for that field
   2. Output: The customer’s updated information (FirstName, LastName, Phone, Email, Street, City, State, ZipCode)