Memorandum

**To:**  R.M. Schafer  
**From:** Team AutoBev  
**Date:** January 31, 2011  
**Subject:** Meeting Two Agenda  
  
Team Leader: Lori  
Minutes: Mark  
  
**Updates/Questions:**

-Wiki working

-Issue with Wiki creating “meetings topic”

-Alex sent order form for card scanner

-When will card scanner arrive?

**Subsystems:**  
1.Beverage Dispensing and Sensing (Lori and Liz):  
    -User Interface will allow user to select a size or for pay by ounce  
        -Microcontroller must receive size information from user interface  
        -Flow Sensor feeds information about volume dispensed back to microcontroller  
        -Send information back to user interface so that tab can be updated      
    -**Due Feb 7**  
2.Card Scanner (Alex):  
    -Ordered - Magnetic Stripe Reader with USB Interface  
    -Set up interface  
    -Determine how to extract and store necessary information for identification  
    - **Due Feb 14**  
3.GUI and Classes (Alex and Liz):  
    -Using Visual C#  
        -Using Visual Studio as a Design Environment  
        -Started Writing Basic Programs to Get a Feel For the Language  
    -Determine Desired Layout  
        -Implement function calls  
    -Be able to access and update client information  
        -Interact with Magnetic Stripe Reader  
    -**Due Feb 21**  
4.Communication Between User and Microcontroller(Liz,Lori,Alex, and Mark):  
    -Decide on method to send and receive data  
        -Interface needs to tell microcontroller amount of liquid to dispense  
    -**Due Feb 28**  
5.Bartender Interface and Drink Queue Display (Lori and Mark):  
    -Decide on layout  
    -Update Queue when order is placed and finished  
    - **Due March 7**

**Additional Assignments:**  
1.Board Design (Mark):   
    -Using Microcontroller from Team Kit  
    -Will add resistive network necessary for solenoid valve control  
    -Should be trivial  
    -**Due April 4**  
2.Low Level Design Document  
    -**Due Feb 14**  
  
**Plan for next week:**  
    -Start Low Level Design  
    -Implement flow sensor into beverage dispensing and sensing  
  
**Additional questions**