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**