Memorandum

**To:**  R.M. Schafer
**From:** Team AutoBev
**Date:** February 28, 2010
**Subject:** Meeting Six Minutes

Team Leader: Lori

Minutes: Mark

* **Updates/Questions:**
* Continued testing communication between user interface and microcontroller
* Modified client/server programs for bartender interface and integrated client code into GUI
* correct drink and order number appear on bartender/ user interface
* queue is updating correctly when bartender indicates that order is completed
* server/bartender can interrupt client to update current drink order number on user interface
* **GUI**
* To do: work on how to connect to SQL database
* each order has assigned number,
* Parent: customer
	+ 1. - orders /order details – quantity, unit price, time stamp
	1. - track one
	2. - user preferences

Input: System needs to run a tab and dump out total, and run card and output receipt demo as complete as possible

* **Serial Interface**
* To do: Finish working on serial protocol
* number identification
* sends pulse rate 100/s
* **Microcontroller**
* To do: Continue working on code for main program
* Identify better microcontroller (less inputs/outputs)
* Need to finish code for proximity light sensor to detect cup – need indicator to tell if cup is there, if cup doesn’t work need an override button.
* Idiot proofing
* Physical switch
* **Bartender Interface**
* To do: Get Form to replace console on server side
* Data receive functionality in main program
* **Board**
* To do: Finish board designs in Eagle.
	1. Microcontroller choice – needs better research, get bigger than .5 mm spacing. Less I/O.
		1. pic18. Hand build board. 5 day lead time. April 1st.
* **Additional questions**

 Go to market design

* 1. - physical layout, multiple beverages to same location
	2. Email turbotap to see about free tap for perfect pour. Uniform pour.

Getting rid of foam, running beer to get a good pour.

Free pour card – student ID, override code.