Memorandum

To:  R.M. Schafer  
From: Team AutoBev  
Date: March 28, 2011  
Subject: Meeting Nine Agenda

Team Leader: Liz

Minutes: Lori

1. Subsystem Demo Feedback
   1. Was it what was expected?
   2. Suggestions for Improvements
   3. Problem Areas
2. Flow Sensing
   1. Contacted Swiss Flow—Update (Lori)
   2. Need to chose new proximity light sensor
      1. Initial sensor chosen determined too hard to solder and implement
   3. Switching circuit fixed
3. Board Design
   1. Feedback
      1. Potential problems with current design
4. User Interface
   1. First steps to integrate with database
   2. Use card numbers to identify a person
      1. Use track one of credit card
   3. Began adding error-catching statements (try-catch)
   4. Functional when more than one COMM port is in use
   5. Add section on each form to show current drink order being served
      1. Is it enough to just show the customer after they order
   6. Bartender will have unique card that will access specific place in database
      1. Volume poured while changing keg will not be charged to anyone but will be monitored
5. Microcontroller Code
   1. Began implementation of byte error checking
      1. Will stop pouring and report error back to computer
   2. Handle cases of byte error with error message on PC and by stopping pour
   3. Convert pulses into volumetric equivalent
      1. Should this be done on the microcontroller side, or the pc side
         1. Report pulses or ounces?
         2. Pulses would always be integer amount—may allow for simplification
6. Bartender Interface
   1. Still working on getting instant response from bartender to customer upon received data
7. Database
   1. Investigate how to take totals stored for the night and run a final transaction
8. Additional Questions?