



Are you thirsty?

Do you like waiting all night for a drink?

Are you tired of waiting on a slow bartender for a beer?



AutoBev: The Automatic Bartender

An Efficient Method to Keep all Patrons Happy

Lorena Garcia
Alex Macomber
Mark Pomerrenke
Elizabeth Clark

Problem Description

- Excessive wait time at drinking establishments
- Missed revenue
- Too much time spent on payment transactions
- Customers served out of order
- Mistaken identity ("running up someone else's tab")

Proposed Solution

- Streamline the bar-going experience through automation of beverage ordering and serving processes

Demonstrated Features

- User Interface to take drink orders
- Accepts Payment
 - Keeps track of customers tab
- Pours Beverage
- Serves Beverage
- 100% increase in smiles

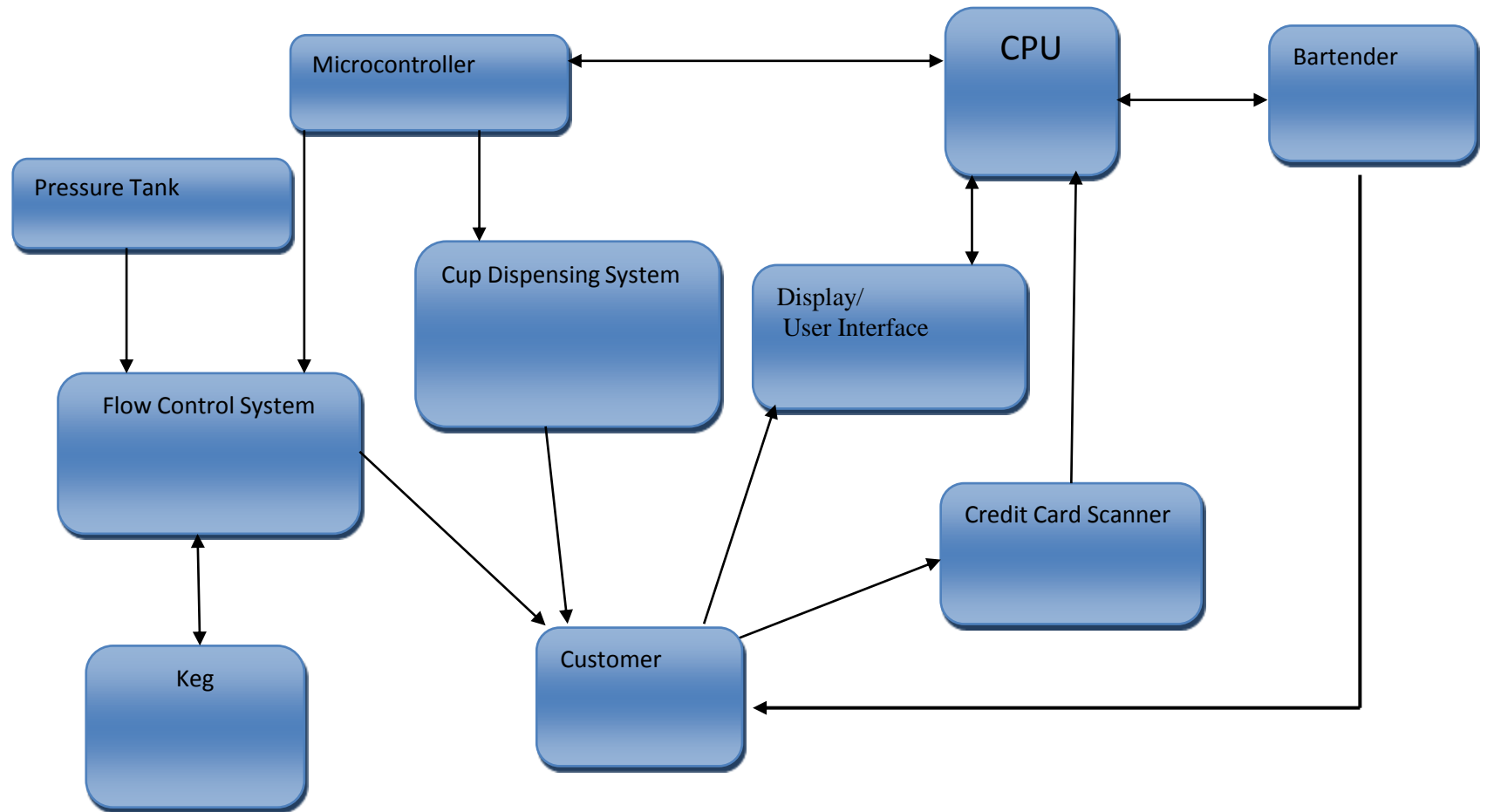
Available Technologies

- Digital Display
- Credit Card Scanner
- Microcontroller to monitor all mechanical tasks
 - flow sensor
 - small motors
 - solenoid valve
- Processor for payment transaction
- Small Hard drive for account building

Engineering Content

- Graphical User Interface ("Ordering Machine")
 - Card Swipe
 - Interface with bartender's machine and dispenser
- Bartender's Machine
 - Lists drink queue
- Beer Dispenser
- Financial Transaction Software
- Integration of Above Systems

Top Level View



Conclusions

- Wait times are too long at bars
- Opportunity for Revenue Growth
 - Faster Turnover
 - Increased customer satisfaction
- Our goal is to improve efficiency by giving more control to the customer and reducing the workload of the bartender

It's simple math

You

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AutoBev

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