FUCKED UP SOLUTIONS

Company:
Fucked Up Solutions

Product:
BeerWell

Product Description:
BeerWell is a self-service machine that replaces the handle on the draft beer machine. It allows customers to pay with their cellphone and fill up a glass with beer. The machine includes a sensor to stop pouring when there is no glass underneath the tap and it has a built-in measurement system to determine the amount of fluid passing through, so customers pay by milliliter. The payment can be initiated with either NFC, QR code, or wireless credit card. This product is designed to be appealing to bars, pubs, festivals, party rental services, discos, clubs, and beaches.

Customers:
Bars, pubs, festivals, party rental services, discos, clubs, and beaches.

Users:
People within the legal drinking age, party and festival goers. Not high-end beer aficionados.

Deadline:
Working prototype by May 24th.

Budget:
The final unit production price should be between 100-300kr. The final sales price should be between 1500-2000kr.

Basic specifications with relevant requirements and properties for project 3:

Factors	Requirements	Criterias	Other remarks
Usage	Must have universal fittings for draft beer handle-tubing. Must be able to withstand pressure from a draft pump. Must be able to shut the flow 100% off when glass is removed (sensor/motor).	The device should be user-firendly, so it can be operated with ease (and while being drunk). The device should have a restart-button. The device should be easy to move and portable.	The device may be placed on a stand.

Factors	Requirements	Criterias	Other remarks
	Must be able to turn the flow 100% on when glass is inserted (sensor/motor). Must work with glasses/cups up to 30cm in height. A solid and form whole construction without loose parts. The device must be able to be plugged into a standard Danish wall socket. Or be powered by a battery. When the appliance is switched on; must be automated so that the operator does not press the loader unit himself. Must be safe to use: so you don't get beer on your hands.	Device shouldnt serve foamy beer. The device should be able to cope with a minimum of 10000000 operations in its lifetime.	
Environment	Must be usable in crowded environments such as Bars, clubs and parties.		
Manufacturing	TBD	TBD	TBD
Maintenance	TBD	TBD	TBD
Abolition	The packaging must be 100% recyclable.		

Factors	Requirements	Criterias	Other remarks
Other		If it has not been used for approximately 20 seconds, it should log out the user. It charges the user after log-out with all the beer that has been tapped while logged in.	