

# TEAM 9: Elucid

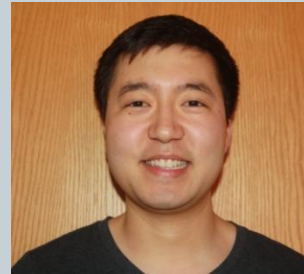


PROJECT PROPOSAL

1/30/2013



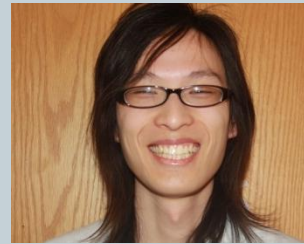
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# Project Concept



- Transparent glass able to transform into an interactive, touch-friendly platform.



# Competitive Analysis



- Microsoft PixelSense (formerly known as Surface)
- Samsung's Transparent LCD Display



# Requirements



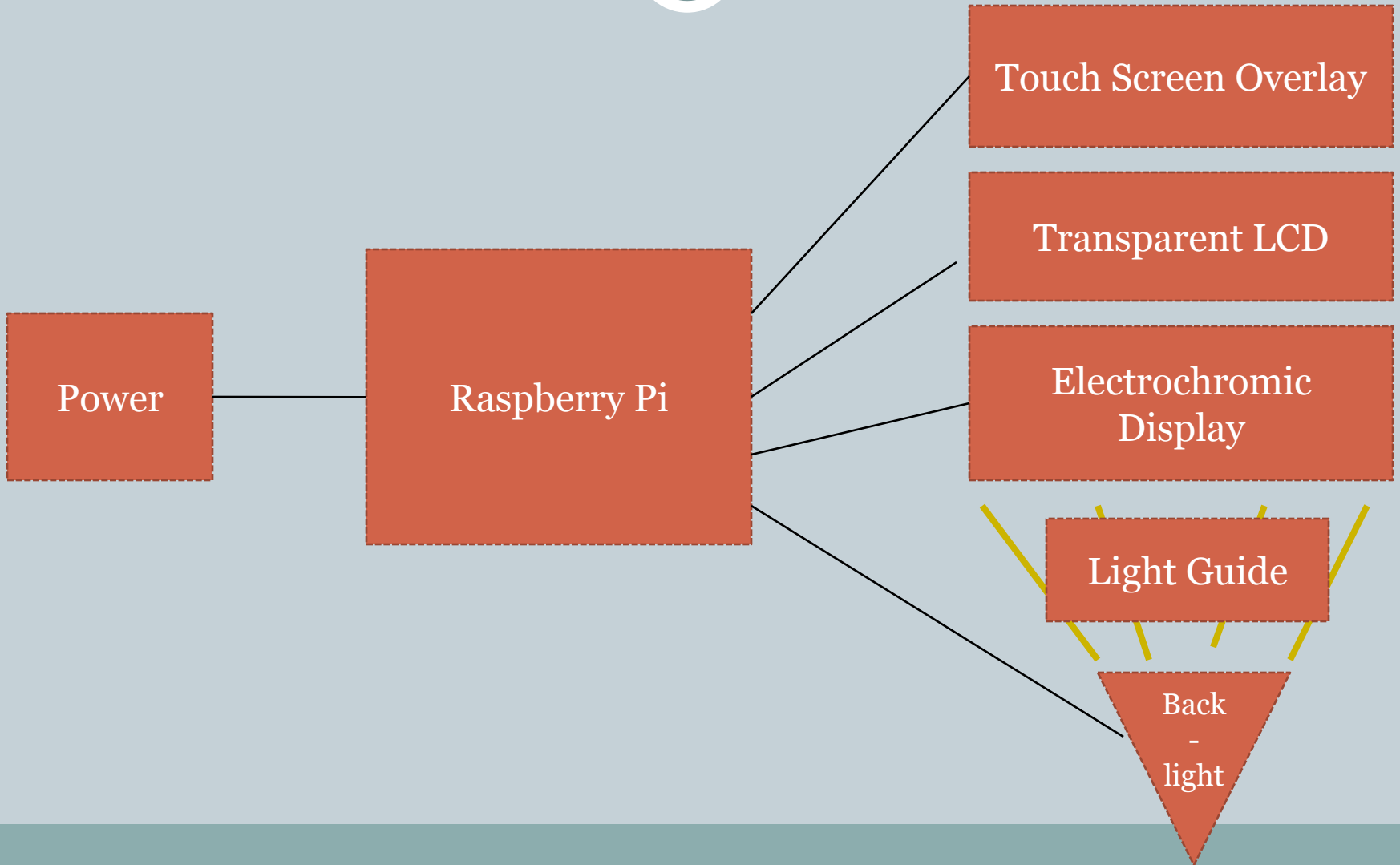
1. Capable of switching between transparencies.
2. Getting the LCD display to work
3. Integrating touch capabilities
4. Bluetooth interaction with smart phones

# Technical Specifications



1. Transparent Color LCD
2. Electrochromic film
3. Raspberry Pi
4. Touchscreen overlay
5. Backlighting

# Architecture



# Anticipated Risks & Mitigations



- Component Delivery
- Touch screen Implementation
- Proper lighting for making the LCD visible
- Raspberry Pi not having enough processing power