Market

- US Coffee Market - $7 billion by 2011
- Increasing demand for ethically-grown coffee

- 120 coffee farmers
- Expansion to 300 additional farmers by 2008
Customer Needs

Sort Green Coffee

Specialty Grade Flat Bean

Inferior Grade

Specialty Grade Peaberry

Size, Weight, Shape
Our Prototype

Goals:
- 80% Inferior Grade Removal
- 150 lbs/hr
Testing
Test Results

- 2 lb/30sec $\rightarrow$ 240 lbs/hr
- 90% peanuts stayed in first screen
- 100% coffee passed 1st screen
- ~50% coffee passed 2nd screen
  - (screen size too big)
References

- http://www.mountainview.gov/
- http://www.oaklandpw.com