**Background**

**World Water Crisis:**
- In America, we may not have to worry whether our water is contaminated with dangerous bacteria, but in other parts of the world, this is not the case.
- “We must do more to help those who lack access to clean water.”
- “94 percent of water-related deaths are in children ages 0-14.”
- “80 percent of water-related deaths occur in the developing world.”
- “At any given time, half of the world’s hospital beds are occupied by patients suffering from a water-related disease.”

**Kenya:**
- “Over half of Kenya’s live below the poverty line”
- “Only 30 percent of the population has any access to safe water sources.”

**Malewa:**
- We are planning on establishing a business selling purified water in the village of Malewa in the region of Masera.
- People in the village spend 80 percent of their income on water from a local tap, or walk long distances to get less clean water from the local river.
- The wages in Malewa peak at around KSh 12,000 a month. Many are unemployed or work unskilled labor for only 3,000 a month.
- The children in Malewa are very interested in learning to better themselves.
- The Nipasha School and Kimbo School specifically is focused on using us to implement a safe water plan.

**Objectives:**
- To distribute clean water
- To enhance water education program
- To bring in money

**Project Introduction:**
- We’re establishing a micro business in a third world country to distribute clean water in the village.
- We will sell schools in Malewa to run our business.

**Obtain Water:**
- We obtain water from the following sources:
  - City Collection points
  - City Check Point
  - Market
  - Places of the schools
  - Rainwater harvesting systems
  - Mwambo and Kimbo have reservoirs
  - Nearby Rivers

**Distance:**
- The distance between the schools and the village poses a considerable challenge.
- 2.5 km away.
- An initial investment is needed to micro-finance the bridge.
- Costs:
  - Trees: 500 shs
  - Investors in costs

**Making Project a Reality**

**Micro Loans**
- In order to start this project we will have to make initial investments which will be paid for by micro loans.

- **Kiva**
  - Lends money to entrepreneurs in developing countries
  - Empowers the countries to lift themselves out of poverty
  - Kiva.org

- **Opinionos.org**
  - Part of Opportunity International (a non-profit organization)
  - Provides those that live in chronic poverty with the opportunity to change their lives
  - Opinionos.org

- **Unita.com**
  - An international non-profit organization that wants to reduce global poverty
  - Sends out and partners with young, high-potential microfinance institutions
  - Unitas.com

- **Sho.gov**
  - Created in 1933, to strengthen the economy of our nation
  - Helps Americans start, build, and grow businesses

**Field Workers**
- Malewa Trust
  - Malewa Trust, an NGO in Kenya, has offered to help us implement the device
  - The team wants to create a plan for an environmental education, sustainable land management, and conservation of biodiversity in the Malewa area.
  - Schools
  - Masaka (primary), Kimbo (primary), and Ngachia (secondary)
  - The students will be purifying the water as part of an education program
  - Help deliver the water to the village
  - Interacting withIssue:
  - The team wants to intern with iISSAN in Kenya (as well as the members from our partnering team - Rock) who are doing work with soap in Kenya
  - Implement the IBM ourselves

**Schools**
- Enhancing the education in the participating schools by reinvesting the profits in:
  - Uniforms
  - Projects in the school
  - Refurbishing
  - Academic programs

**Micro Loans**
- Paying back the micro-loan which funded the initial start up cost