**Problem:**
1 out of 5 people suffering from Micronutrient Malnutrition (MNM), a medical condition resulting from insufficient consumption of nutrients. These people have access to needed fruits and vegetables but lose 20% of their produce due to improper storage. Losses are primarily due to temperature and humidity related factors.

**Goal:**
Help combat Micronutrient Malnutrition (MNM) by providing better ways to store food.

**Objective:**
To design, test, and implement an evaporative cooler costing $5 or less and that can be implemented and maintained by local people using locally available materials.

**Conclusions:**
- BRICK SYSTEM
  - Cooler
  - Large structure
  - More expensive
  - Hard to clean
  - Hard to maintain

- HYBRID SYSTEM
  - Near same results as Brick system
  - Smaller to build
  - Same size storage chamber
  - 1/3 cost
  - Easier to clean & maintain

**Additional testing:**
- Size and shape variations
- Varying water levels
- Different lid designs
- Long term testing
- Using food from the target region for storage tests

**Field Research:**
Can targeted region build our design, per our criteria? Does our design actually work in the field? How durable will it be in the field? How long will it last?

**Team members:**
[Images of team members]