EnPro 352: Battery-Powered Transport for Catamaran Boats

**Cat Slippers**
- Low friction
- Raised for easier loading onto Cat Trax

**Problem**
- The majority of boats are stored away from the water’s edge, hauled to the water, and returned to their storage location
- Boats typically weigh around 400lbs
- Current Approach:
  - beach dollies (Cat Trax) require individual(s) to expend too much energy with considerable lifting
  - requires several adults to move the boat from storage to water
  - difficult to balance

**Solution**
- To provide a battery-powered transporter to dramatically reduce the physical labor associate with the current method of transport

**Cat Kart**
- Battery-powered
- Additional balance
- Attaches to Cat Trax

**Construction**

**Accomplishments**
- Constructed prototype
- Tested materials
- Constructed Cat Kart and Cat Slippers
- Created survey/interview
- Designed logo
- Launched beta website