Detect and Record Lightning Surges

- Record Time of Lightning Surges
- Count the amount of lightning surges
  - Amplify Induced Voltage Signal
  - Incorporate Arduino and LCD
  - Delay Signal for Arduino
  - Protect against precipitation
  - Waterproof Casing
  - Protect against lightning
    - Faraday Cage
  - Withstand extreme temperatures
  - Withstand weather elements
  - Long-Lasting device
    - Passive sensing elements

- Clock
- Calendar