Design Brief

**Client:** The General Public and people Concerned About the Environment

**Designers:** Suraj Pendyala and Evan West

**Problem:** Many appliances these require large amounts of energy, most of which comes from the nonrenewable resources. These resources can pollute the environment and cause health problems to us.

**Design Statement:** We are trying to find ways to give people appliances without wasting Earth’s nonrenewable resources. We are starting by designing a toaster that runs on solar power. This toaster will function will function just as much as any other toaster made.

**Criteria:**

1. Must contain solar panels on the surface of the toaster.
2. It must function as much as any other normal toaster.
3. Must have chargeable batteries in case for use without the Sun.

**Constraints:**

1. Should be made by December 19, 2014.