

## MILESTONE 1 (TEAM) – COVER PAGE

Team Number:	Day-Tues-08
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Please list full names and MacID's of all *present* Team Members

Full Name:	MacID:
Zhuduoyi Zhang	zhanz526
Joon Lee	lee718
Harshit Palta	paltah
Shray Patel	pates239

Any student that is ***not*** present for Design Studio will not be given credit for completion of the worksheet and may be subject to a 10% deduction to their P-1 grade.

## MILESTONE 1 (STAGE 1) – INITIAL PROBLEM STATEMENT

Team ID:

Day-Tues-08

### Stage 1: Initial Problem Statement:

What is your first draft of the problem statement? Keep it brief and to the point. One or two sentences should be enough. **For this initial problem statement, you should be focusing on the main function(s) of the wind turbine.**

Design a wind turbine to maximize the amount of energy generated while considering the environmental factors that may affect the efficiency of the turbine.

## MILESTONE 1 (STAGE 3) – REFINED OBJECTIVE TREES

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Day-Tues-08

For each engineering scenario, you will be submitting a modified/revised objective tree agreed upon by the group. Each branch of objective trees should have a minimum of 3 layers. This can be hand-drawn or done on a computer.

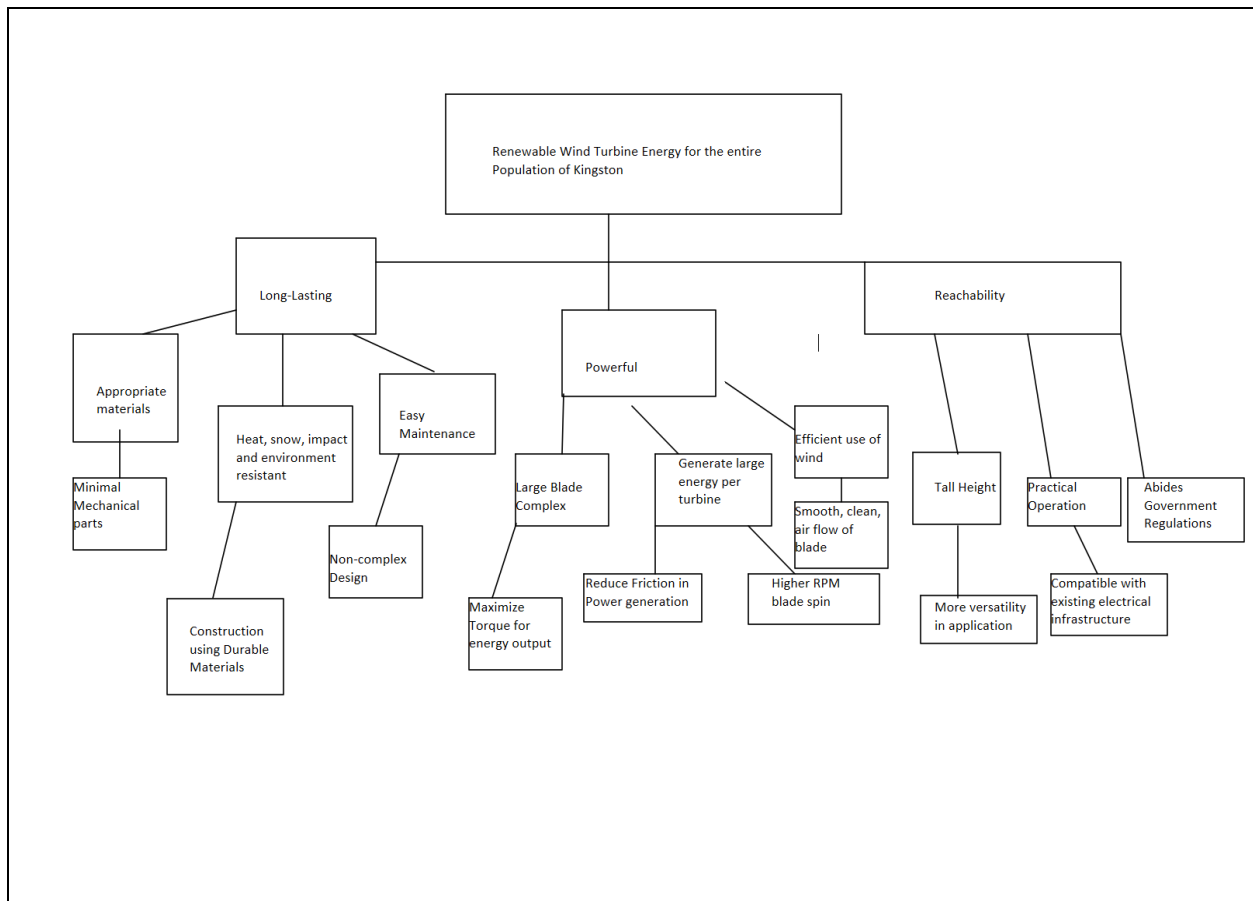
### Engineering Scenario #1

The title of the scenario

Renewable Energy for a Large Population

Team objective tree diagram for scenario #1

Please insert a copy of the refined and finalized team objective tree for scenario #1.



Team ID:

Day-Tues-08

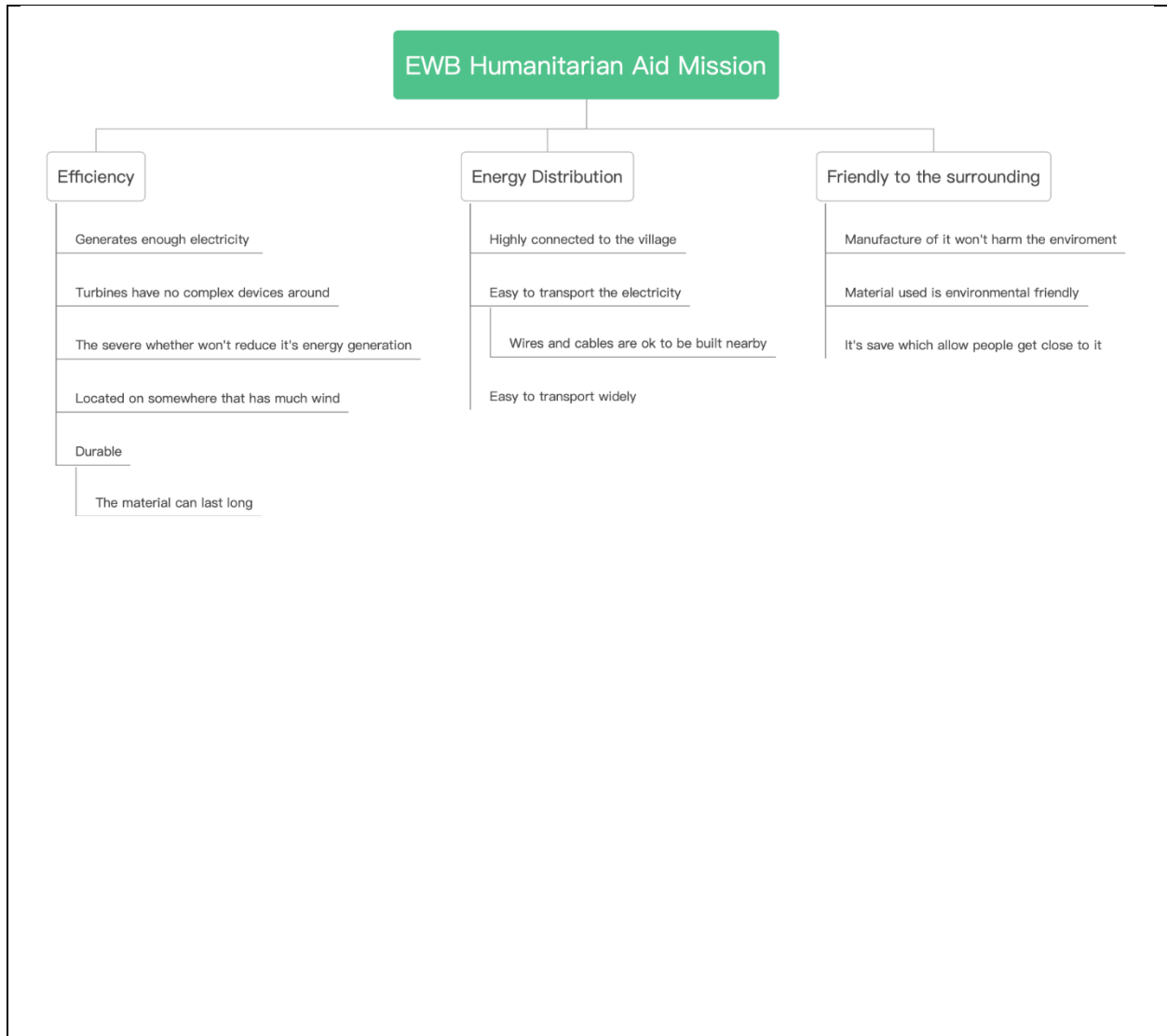
## Engineering Scenario #2

The title of the scenario

EWB Humanitarian Aid Mission

Team objective tree diagram for scenario #2

Please insert a copy of the refined and finalized team objective tree for scenario #2.



Team ID:

Day-Tues-08

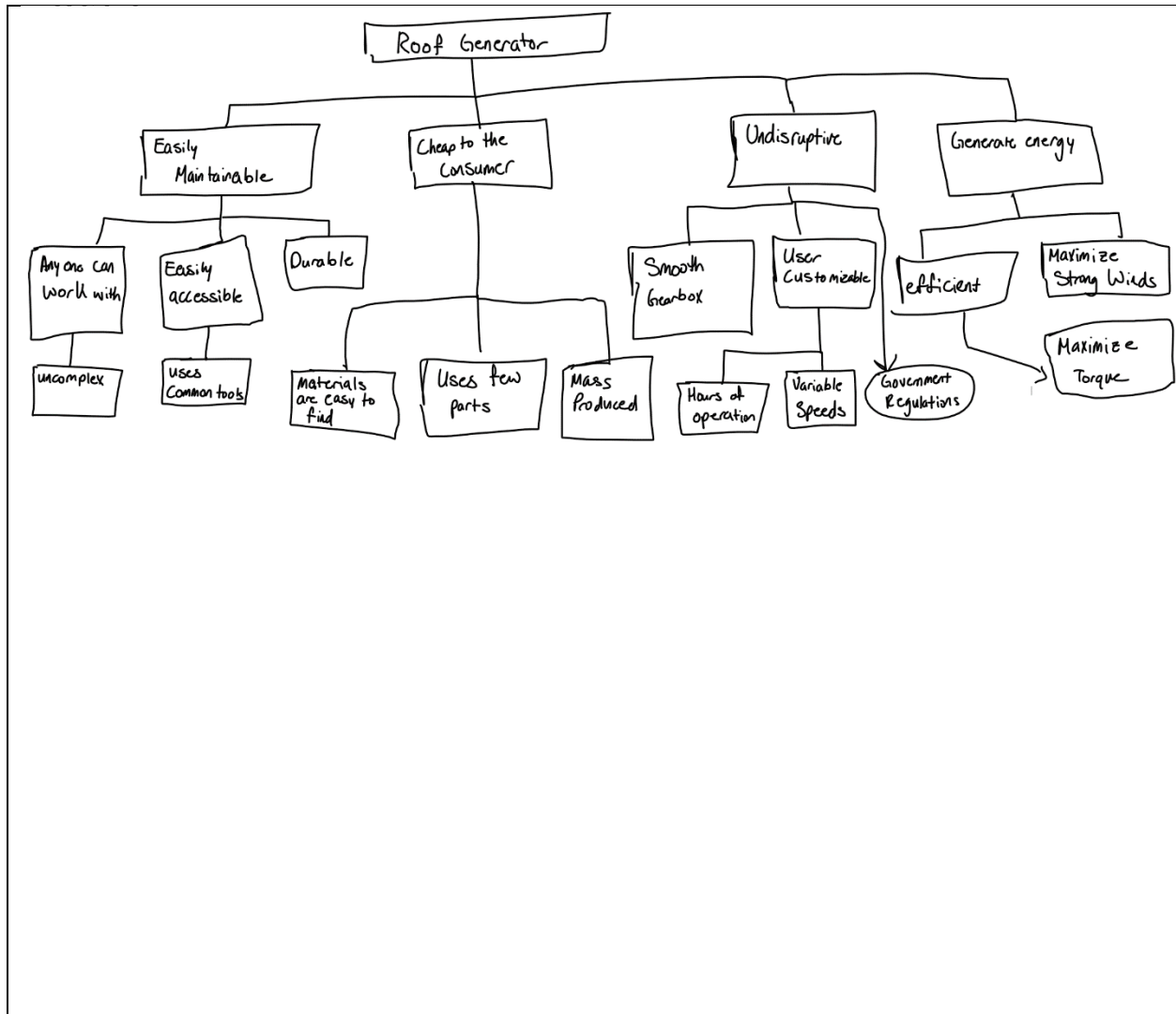
### Engineering Scenario #3

The title of the scenario

The Roof Generator

Team objective tree diagram for scenario #3

Please insert a copy of the refined and finalized team objective tree for scenario #3.



Team ID:

Day-Tues-08

## Engineering Scenario #4

The title of the scenario

A Pioneer in Clean Energy

## Team objective tree diagram for scenario #4

Please insert a copy of the refined and finalized team objective tree for scenario #4.

