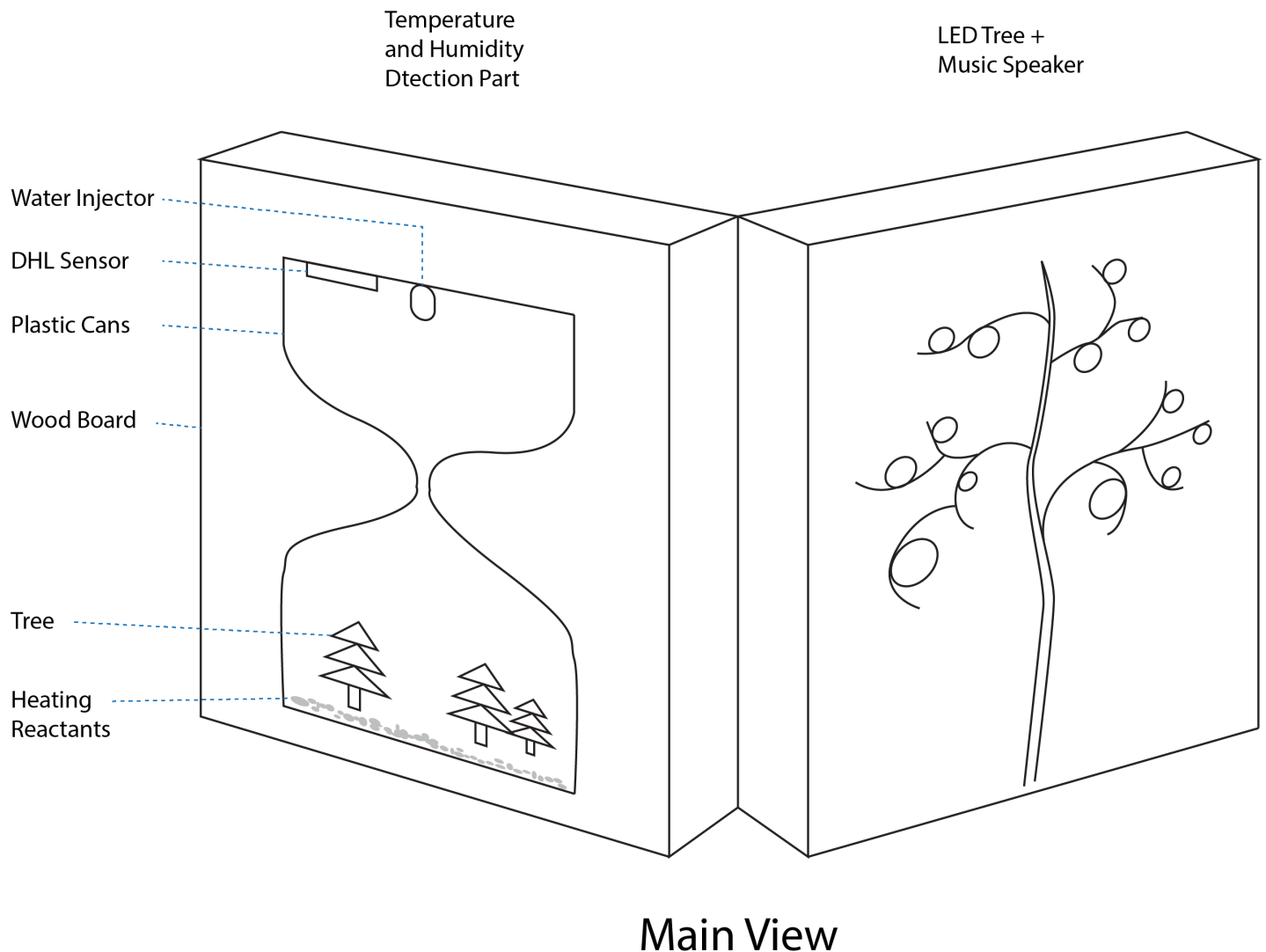# Final Project Schedule of Xuan Luo

4.3—4.9 (1st Week)
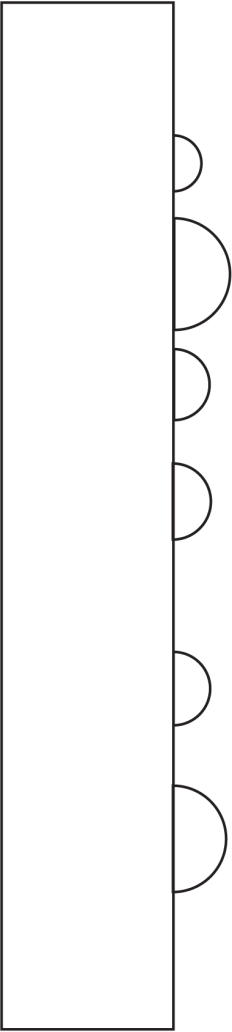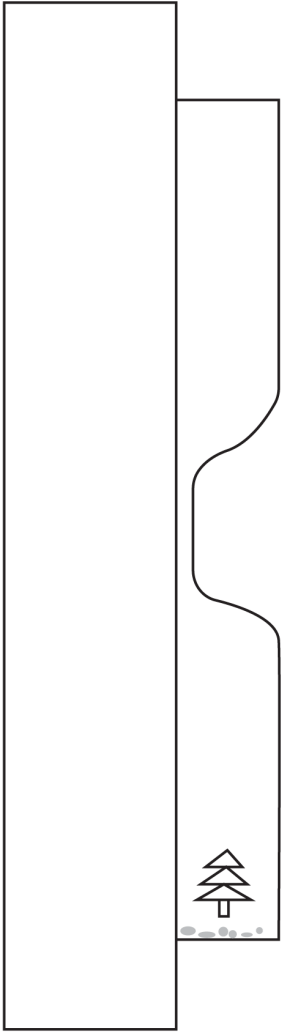
Make a final project plan (Revise based on the midterm project)

1. Sketch of Installation

Temperature
and Humidity
Dtection Part

LED Tree +
Music Speaker

Water Injector

DHL Sensor

Plastic Cans

Wood Board

Tree

Heating
Reactants

Main View

Temperature
and Humidity
Dtection Part

LED Tree

Side View

2. Rough Concept

Principle: Use DHL sensor to detect temperature and humidity, in order to control the light and sound of the LED tree.

Differences from the midterm project:
a. Improve appearance of the project.
b. Use a different method to change the temperature and humidity.
c. Different ways of lighting of LED tree.
d. Use speaker to play music.

3. Material List

Sensor, speaker, wood board, tree, water, ball, led string and circuit components, etc.

4. Final Project Schedule

- 4.3—4.9 (1st Week)
1. Make a final project plan.
2. Purchase materials.

- 4.10—4.16 (2nd Week)
2. Finish the inner structure.
3. Start making the circuit.

- 4.17—4.23 (3rd Week)
1. Make the outer structure.
2. Finish the circuit.

- 4.24—4.30 (4th Week)
1. Finish the final project.
2. Document the final project.