

# BlueStamp Engineering

## Example of a Build Plan

After a student selects their project with their instructor, he or she must create a Bill of Materials (BOM) listing all of the parts required and write a Build Plan describing the main project. Below is an example of a build plan.

**Name:** Jack Miloslavsky

**Location:** Palo Alto

**Instructor:** Leah Feuerman

**Starter Project:** #11, Useless Machine

**Main Project:** #302: Fetch-o-Matic

<https://makezine.com/projects/make-31/fetch-o-matic/>

### Major Steps to complete the project:

1. Make sure all parts have arrived as planned and look for the scraps necessary if they are not on bill.
2. Find all the pieces for the circuit
3. Solder it all together. ***This is a milestone. Save all design files, record a video, and post to the website.***
4. Mark up the wood.
5. Cut it all.
6. Attach everything but the top with screws or hot glue. ***This is a milestone. Save all design files, record a video, and post to the website.***
7. Bring the circuit and casing together. ***This is a milestone. Save all design files, record a video, and post to the website.***
8. Make the motor assembly.
9. Mount the motor.
10. (Attach top)
11. Create the spring assembly. ***This is a milestone. Save all design files, record a video, and post to the website.***
12. Create full documentation, write a blog post describing the system, and post everything on your webpage.

### Potential Modifications:

1. Add a swiveling base to the machine.
2. Make a way to queue up balls to be launched.
3. A way to direct the direction of the shot via a tube.



