

BlueStamp Engineering

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: Hans Holst

Location: Palo Alto

Instructor: Likith

Starter Project: #1, Minty Boost

Main Project: #135, Endless Runner Game

Major Steps to complete the project:

1. Make sure arduino works
2. Draw out how wires will be connected between display, breadboard, and arduino
3. Connect wires and make sure the display works, and display example text **Milestone**
4. Create code for character and animations **Milestone**
5. Create code for obstacles
6. Create code to make the game endless, scoreboard, and collisions **Milestone**

Potential Modifications:

1. Put everything onto PCB and case
2. Make project solar/human powered
3. Add more types of obstacles
4. Add more character actions