**ZoomBot**

**Zooming After You**

**Why the ZoomBot?**
The overfilled backpack is a problem for students. They must carry all their materials to each class, and the weight of the backpack makes carrying it uncomfortable and can lead to back pain. Lockers oftentimes are located in parts of the school that are too out of the way, and the rolling backpack is difficult to use in crowded hallways.

**Where?**
Anywhere! Although ZoomBot was designed with the purpose of helping students, it can be used anywhere.

**How?**
ZoomBot follows a signal from your phone in order to follow you as you walk to your destination.

ZoomBot follows closely behind as you walk to your destination, holding all your essentials.
How It Works

ZoomBot is made up of three parts: the controller, the base, the backpack.

The phone gives off a Bluetooth signal that the backpack part of ZoomBot follows (controller).

This design is also accompanied by proximity sensors so it doesn't bump into you or other people. They are located on the platform as well as the rechargeable battery and power button. The base uses the same technology as the hoverboard, making ZoomBot self-balancing.

User Manuel

The Future with ZoomBot

ZoomBot was designed with the intention of making carrying things easier. From personal experience, I saw how cumbersome a heavy backpack was in high school. No one wanted to forget anything they might need for class. ZoomBot offers an easier way to carry essentials without putting a strain on your body. We are simply putting your backpack on wheels.

The backpack part of ZoomBot consists of the traditional backpack design. There is a canvas bag that has a zipper to open and close the bag to access the bag's contents.

Support poles connect to each corner of the platform and pieces of canvas on the edges of the bag slip over the poles to secure the bag to the platform.

- Power on ZoomBot
  - Wait for your smartphone to connect with ZoomBot via Bluetooth
  - Once your smartphone has connected to the , fill ZoomBot's bag with anything you need and start walking
    - ZoomBot will follow close behind
- Power off ZoomBot when done

Best used for students with a heavy load