STEP 1: USING THE APP/SCANNER

- **Option 1 (for smartphone users):** Download the Laundry Pro app. Initially, you should use the app's scanner to display each of your clothing items to the app. Scan each item and input the preferences listed below for each item.

- **Option 2 (3D scanner - separate purchase):** Use the Laundry Pro 3D scanner to scan each clothing item. On the digital menu in the scanner, input your laundry preferences.

**Preferences**
- **Wash:** whites, colors, delicates
- **Dry:** yes/no (default = yes)
- **Steam:** yes/no (default = yes)
- **Fold:** yes/no (default = yes)
- **Person’s Name** (ensures Laundry Pro can organize laundry into separate piles for each person)

STEP 2: STARTING THE WASH

The hardest part is over! Now for each wash, all you have to do is place your dirty clothes in the Laundry Pro bin, choose the priority for different wash loads (which load should be prepared first) in the washer menu or in the app, and press start.

Come back in a few hours to cleanly prepared laundry!
HOW LAUNDRY PRO WORKS

Step 1: Separation
The dirty clothing bin uses sensors to recognize clothes and separates them into different wash loads (whites, colors, delicates). Users can use the app or scanner to indicate which load needs to be washed most urgently.

Step 2: Washing
Users can start the washer in either of two ways: at the machine, or using the app if they are not at home. They can also pause the machine if necessary. The machine uses sensors to determine the appropriate amount of detergent to use, requiring occasional restocks of detergent.

Step 3: Drying
Laundry Pro transfers the washed load into the dryer and dries the clothes.

Step 4: Steaming
Freshly dried clothes are examined by sensors in the machine to see if they should be steamed or not according to the user’s preferences. If so, the internal steamer in the side slot steams out wrinkles.

Step 5: Folding
Laundry Pro folds and prepares clean clothes, organizing the piles for each person.

WHAT TYPE OF MEDIUM IS LAUNDRY PRO?
Laundry Pro is an intelligent machine that uses smart sensors to identify different items of clothing. The mobile app is a virtual platform that allows users to control their laundry machine from a faraway distance, and the scanner is a physical machine that also contains smart sensors.

Laundry Pro utilizes supervised learning algorithms to improve its functioning. The app/scanner allows users to input feedback on the laundry process (i.e. clothes were not fully dried) and improves Laundry Pro’s functions by adjusting settings to meet the user’s wishes, thus incorporating human-in-the-loop feedback.

WHO WILL LAUNDRY PRO IMPACT AND HOW?

- Laundry is a time-consuming task for everyone. With Laundry Pro, users do not have to continuously return to laundry machines to switch laundry loads or expend time folding and steaming clothes!
- Laundry Pro will be especially beneficial for large families and households. Studies show that women spend more than three times as much time as men doing laundry, so Laundry Pro will help out busy mothers tremendously! Additionally, the fact that users can do laundry from outside home is very handy.
- Since laundry is a task that is a means-to-an-end for most people, there is little intrinsic worth to the process. For this reason, having laundry be automated by a machine such as Laundry Pro enables busy people to spend more time on other activities that contribute more to their flourishing. In this sense, Laundry Pro greatly benefits users’ way of life.