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Hw Assignment #1: Do a Load of Laundry

Step 1: Identify the Problem

First of all, we need to seek what we are solving for. In the case of “Do a load of Laundry”, we have identified that the problem would be the need for clean clothing.

Step 2: What do I need to know

Since we identified the problem as the need for clean clothing, we need to know what are the necessities/ requirements that will allow us to satisfy the condition/solution.

- Where are we doing the laundry? At home or the laundromat?
- What supplies are needed to perform the action? For ex: detergent, dryer sheets, etc
- Separation of clothing (whites, darks, colors)
- What are the machine settings and load sizes?
- How long would it take to wash, dry, and fold the clothes?
- Is the washing machine under good maintenance? (ensure clean quality and good functioning)
- Amount of clothes needed to clean, also checks if the washing machine has enough space to fit everything or not
- Total pricing requires to clean clothes

Step 3: Address the questions + Data collection

Frequency: How often do I do my laundry?

I do my laundry once a week, averaging 1 load per session.

Total time spent: How long does it take you to finish your load of laundry?

It takes roughly half an hour to wash the clothes, another half to dry the clothes, and another half to fold all the clothes, with the total time outcoming to roughly 90 minutes.

Materials used:

I use 2-3 tide pods to wash my clothing depending on the amount I have that specific week. I do not use any other special products whatsoever.

Machine settings used:

I always use the default settings for cycle type and temperature.

Sorting:

Since I only wash 1 load per week, I put all my clothes for that week into the same load regardless of clothing color, shirts, or jeans.

Step 4: Data Organization

Frequency of laundry:

Once a week, 4 times a month.

Total time spent per load:

35 minutes washing, 36 minutes drying, 30 minutes folding. Roughly 101 minutes per load.

Materials used:

Detergent type is tide pods, 2 pods for lesser clothing, 3 if otherwise. No other product is used.

Machine settings used:

Temperature set to cold water that is typically less than 80 degrees fahrenheit, cycle type set to normal, and usually a medium load size.

Sorting:

No sorting whatsoever, I dump all in one washer.

Step 5: Find and Identify the relationship

Cause: need for clean clothes, stains, bad odor, an upcoming event (party/wedding).

Effect: clean clothes, good hygiene, time consuming.

Therefore, the relationship is that the necessity for clean clothing results in performing the action, laundry. It may take up some time, but there are benefits of good hygiene and clean clothes, no bad smell.

Step 6: Find the solution

The steps needed to perform do a load of laundry is

- gather all your supplies (detergent, clothing, money)
- sort the laundry if needed (coloring, clothing type, etc)
- load the machine with the caution of not to overload it
- add the detergent based on load size, in my case 2-3 tide pods will do
- start the settings, select your cycle type, temperature (hot, cold, warm), and load size
- close lid, start the machine, make sure to pay
- time management, wait the appropriate time needed for washing, then transfer all your washed clothing into a dryer.
- once dry, fold the clothes, organize/sort, put away neatly inside your closet.

After careful evaluation of the first 5 steps, this is a simple, brief, and concise solution to do a load of laundry.

Step 7: Presentation/ Tell the Story

The statement “Do a Load of Laundry” stems out a problem for the need of cloth cleaning. This process typically involves the gathering of supplies, sorting various different items, a place to wash your clothes (washing machine), remembering to add your preferred detergent, and the selection of the appropriate machine settings. Although time consuming to finish your load of laundry which includes washing, drying, and folding, the benefits of doing so outweighs the drawbacks. This would lead to clean clothes, good hygiene, rid of bad odor and smells, and a way of keeping things nice and fresh.