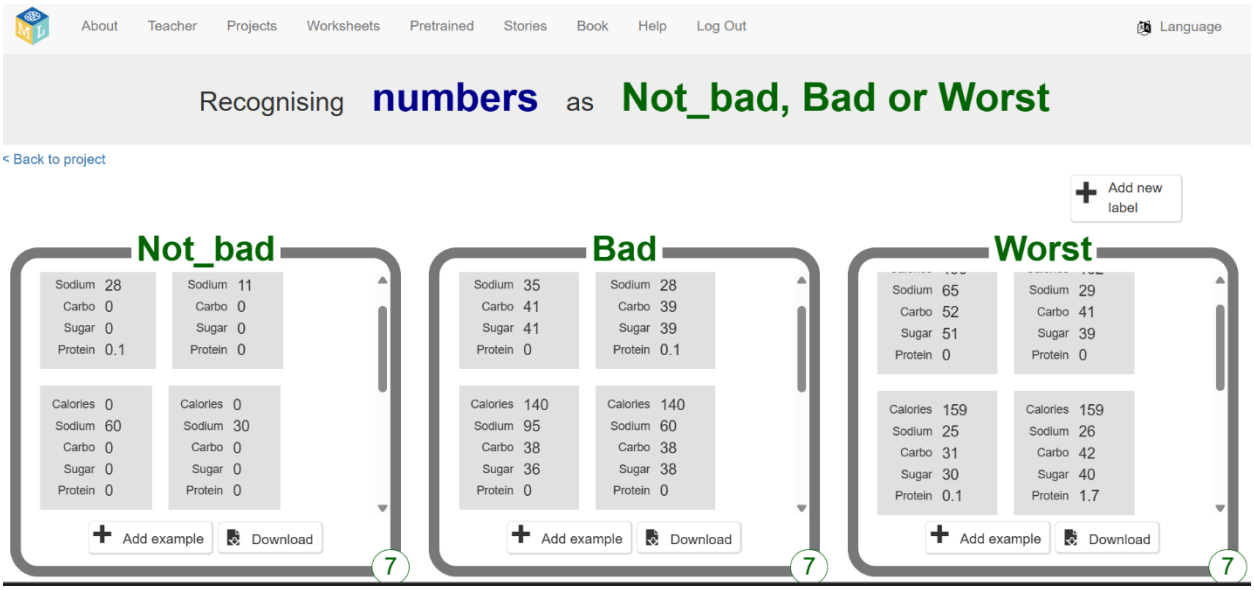
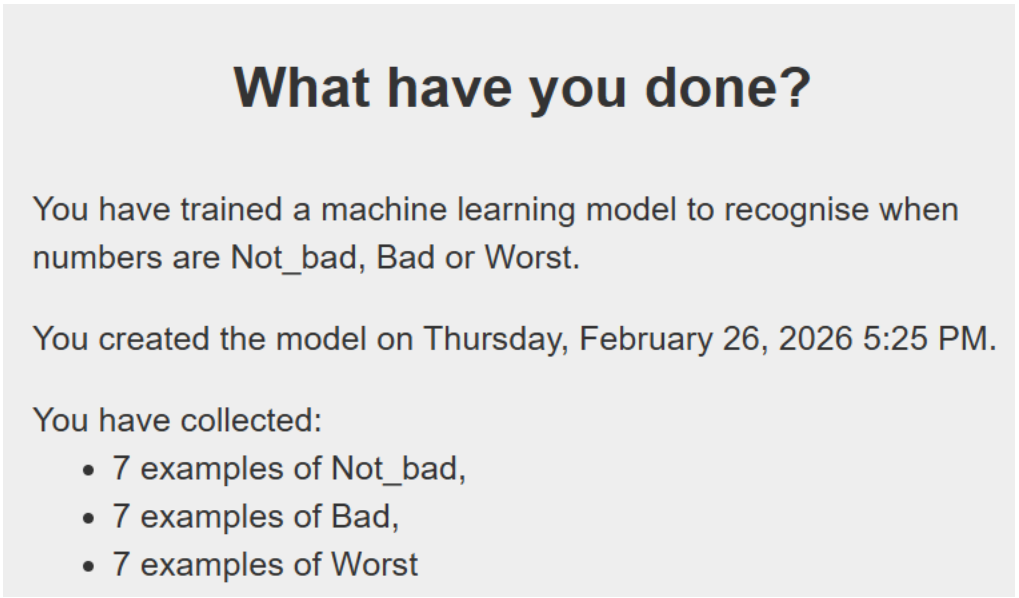
| Drink Name | Calories | Sodium | Carbohydrates | Sugar | Protien | Rating |
|---|---|---|---|---|---|---|
| Coca Cola | 142 | 28mg | 39g | 39g | 0.1g | Bad (2) |
| Sprite | 140 | 60mg | 38g | 38g | 0g | Bad (2) |
| Fanta | 140 | 95mg | 38g | 36g | 0g | Bad (2) |
| Orange Juice | 156 | 0mg | 35g | 28g | 1.4g | Worst (3) |
| Grape Juice | 142 | 42mg | 36g | 35g | 0g | Worst (3) |
| Diet coke | 0 | 30mg | 0g | 0g | 0g | Not Bad (1) |
| Ginger Ale | 355 | 355mg | 36g | 35g | 0g | Worst (3) |
| 7up | 147 | 36mg | 38g | 36g | 0g | Bad (2) |
| epsi | 150 | 35mg | 41g | 41g | 0g | Bad (2) |
| Iced Tea Nestea | 113 | 35mg | 30g | 30g | 0g | Not Bad (1) |
| Five Alive Citrus | 159 | 26mg | 42g | 40g | 1.7g | Worst (3) |
| Fruitopia | 120 | 25mg | 31g | 30g | 0.1g | Worst (3) |
| Vitamin Water | 72 | 0mg | 19g | 19g | 0g | Not Bad (1) |
| Lemonade | 157 | 23mg | 43g | 41g | 0.3g | Worst (3) |
| Sparkling Water | 0 | 30mg | 0g | 0g | 0g | Not Bad (1) |
| Coca Cola Zero | 0 | 28mg | 0g | 0g | 0.1g | Not Bad (1) |
| Water | 0 | 0mg | 0g | 0g | 0g | Not Bad (1) |
| Sprite Zero | 0 | 35mg | 0g | 0g | 0.1g | Not Bad (1) |
| Fanta Cream Soda | 140 | 95mg | 35g | 35g | 0g | Bad (2) |
| Fanta Grape | 150 | 95mg | 39g | 39g | 0g | Bad (2) |
| Deit Pepsi | 0 | 30mg | 0g | 0g | 0g | Not Bad (1) |
| Mountain Dew | 174 | 60mg | 46g | 46g | 0g | Worst (3) |

Using this data I researched from the internet I made a machine learning model. This data has all the ingredients mostly found in the soda and juices.




Using this model I trained a scratch model on it. I used my prior knowledge of Scratch programming on scratch.mit.edu. As shown here, I used some of the samples from the dataset to train the model on these three classes. Also After I finished this model shown above, I tested it and these are the pictures below




I used 7 examples for each category as it showed a better result.

Try putting in some numbers to see how it is recognised based on your train

| | |
|---|---|
| Calories | 113 |
| Sodium | 35 |
| Carbo | 30 |
| Sugar | 30 |
| Protein | 0 |

Test

Describe your model!

Recognised as **Not_bad**
with 65% confidence

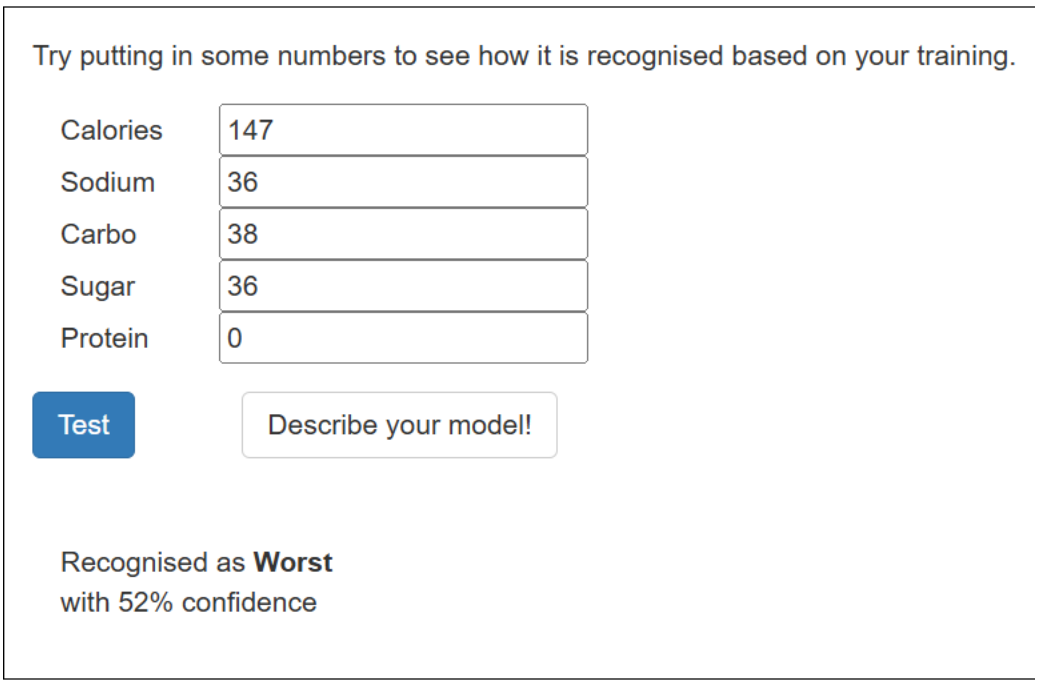
Try putting in some numbers to see how it is recognised based on your training.

| | |
|---|---|
| Calories | 140 |
| Sodium | 36 |
| Carbo | 38 |
| Sugar | 36 |
| Protein | 0 |

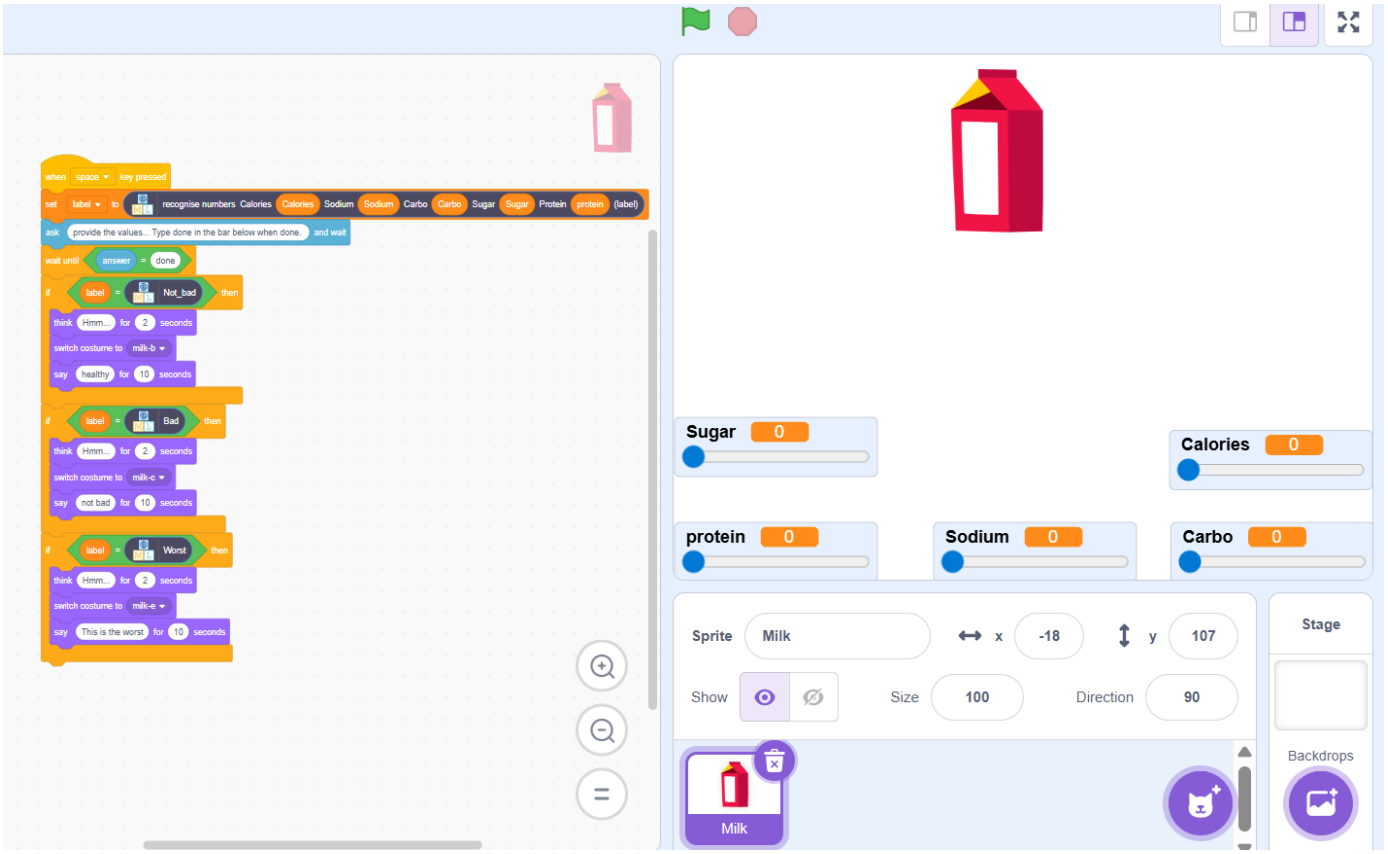
Test

Describe your model!

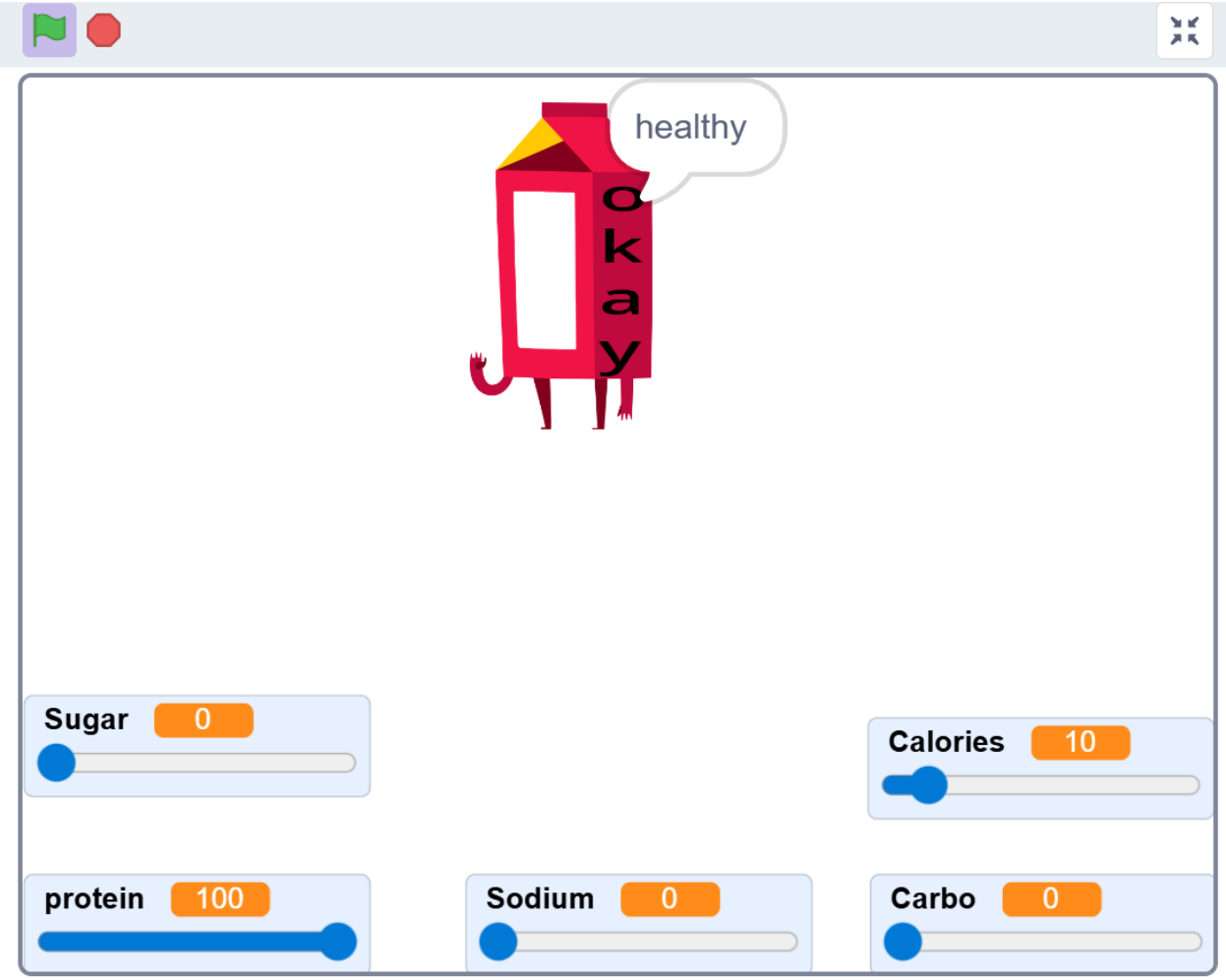
Recognised as **Bad**
with 92% confidence



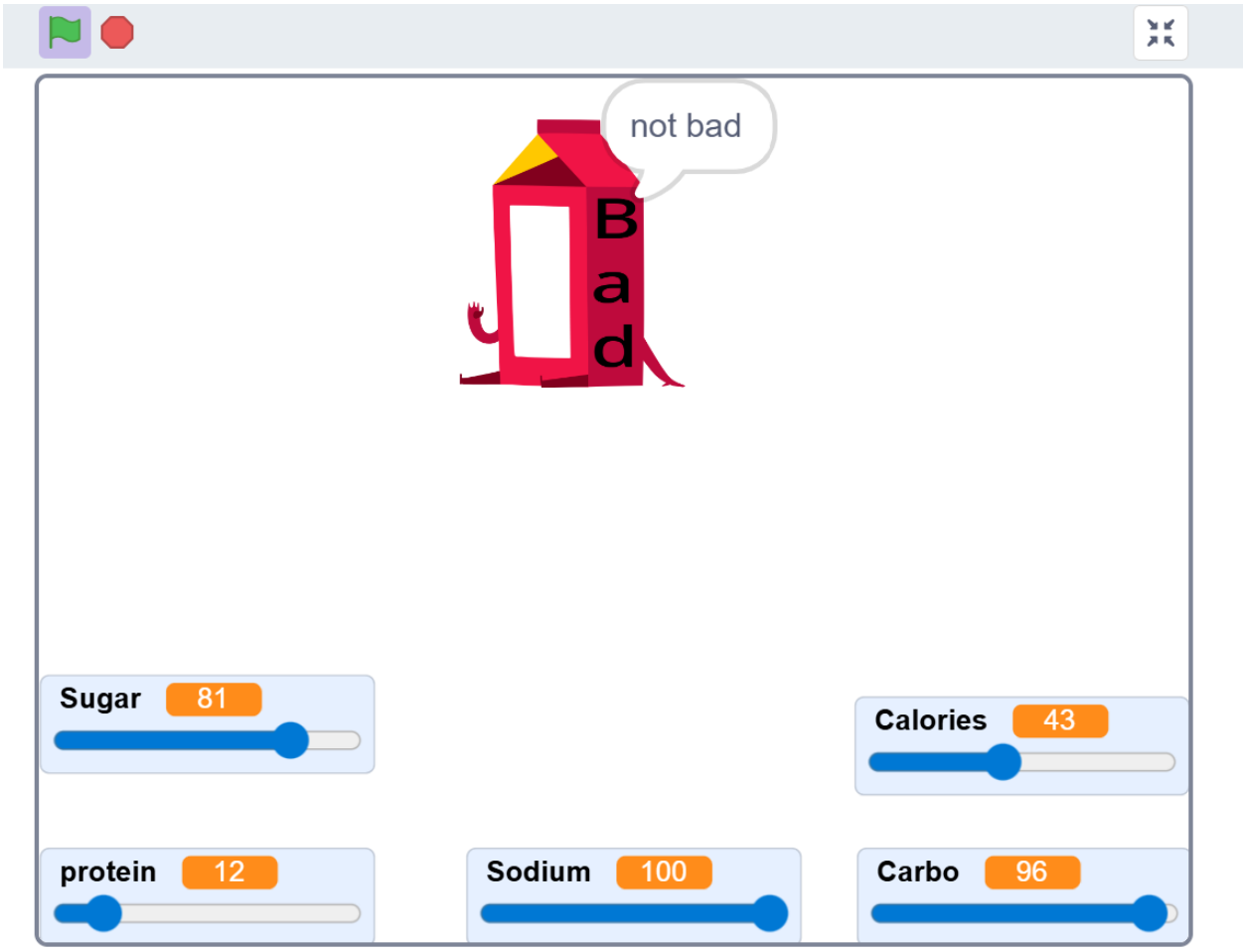

This is my testing




Using this I did some tests to see if the drink is bad or not . This sample is from the ususued data from my ground truth dataset




I also embedded the slider bars to develop a tool out of tis model so any body could provide the values to predict the class for this drink


not bad
Bad
Sugar 81
Calories 43
protein 12
Sodium 100
Carbo 96