



Donald Heddesheimer & Carter Fleming

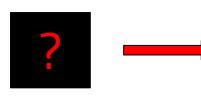






## THE PROBLEM











## THE PLAN

#### **HARDWARE**

- Two bins
- One platform
- Seesaw motion

#### **SOFTWARE**

- Trained recycling model
- Data Tailored to Western Reserve Academy



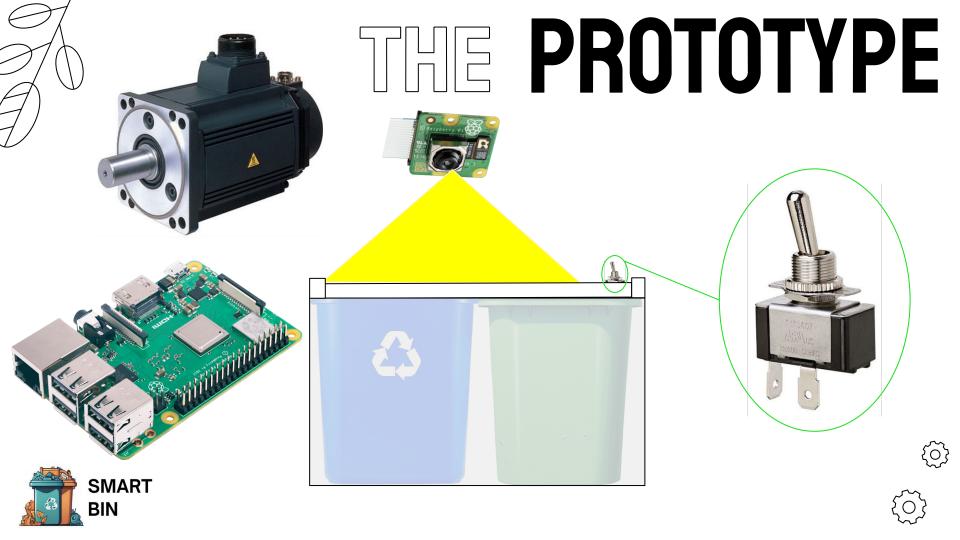






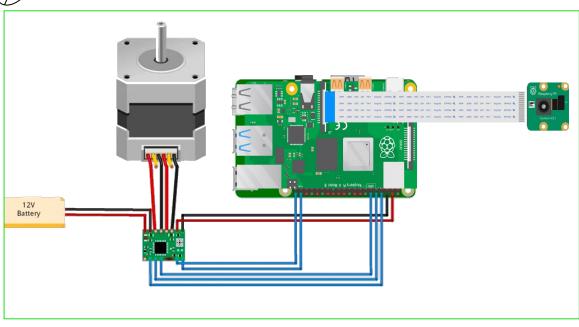


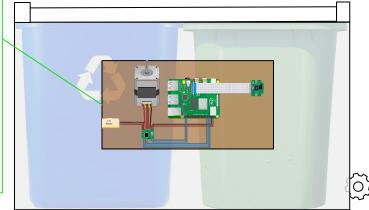




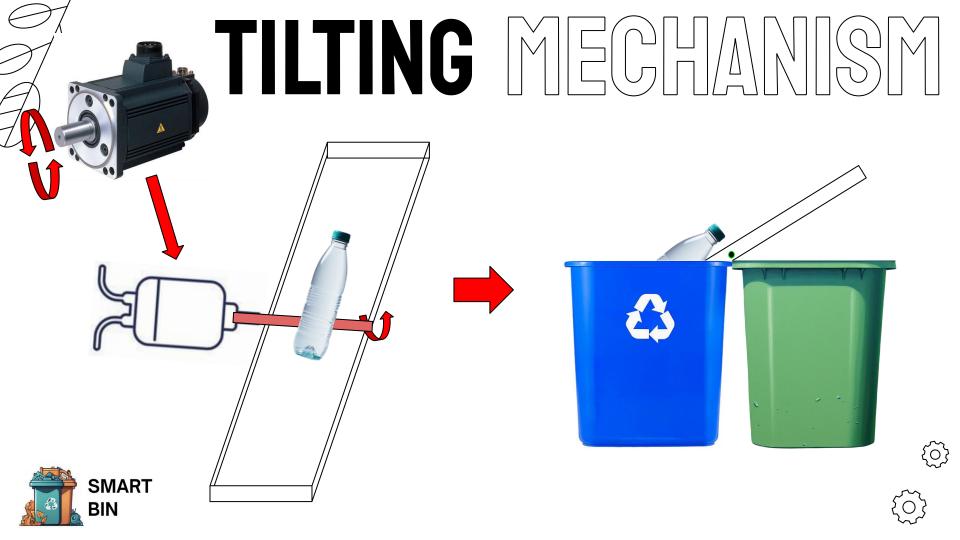


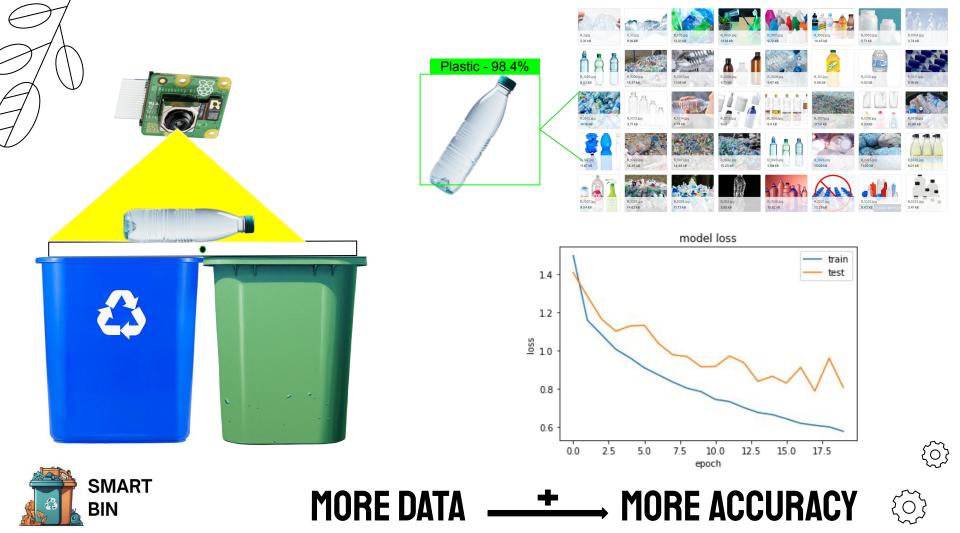
# THE ELECTRONICS









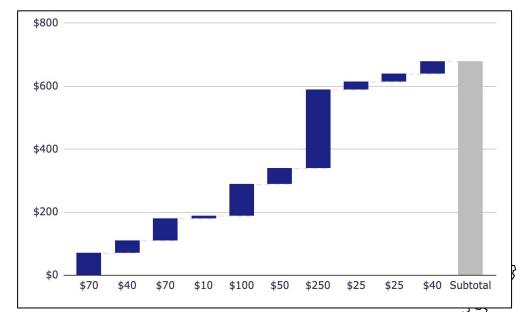


PRODUCT	UNITS	ТҮРЕ	COST
Raspberry Pi	1-2	Hardware	\$70
Servo Motor	1-2	Hardware	\$40
Camera	1-2	Hardware	\$70
Excess Wires	25-50	Hardware	\$10
Large Bins	2-4	Utility	\$100
Station Decor	5+	Utility	\$50
Display	1-2	Utility	\$250
Posters/Flyers	100+	Utility	\$15
Data	1-2	Software	\$25
Program Subscriptions	1-5	Software	\$40

### THE COSTS

**\$670.00** → **\$425.00** 

**Total Costs** 





QUESTIONS?

