Assignment 0

1 Object 1: Mobile Phone

State:

- Brand : Samsung
- Model : Galaxy S21
- Color : Black
- Ram : 8GB
- Storage : 128GB
- Price : ₹55000
- OS : Android

behavior:

- When I press the power button, the mobile switches on
- When touch the screen, the mobile responds like ~~some~~ opening apps
- When the battery is low, the mobile shows a warning

Identity

- IMEI Number : 354218765 43

Responsibility

- It should respond quickly when I touch the screen
- It should store data safely
- It should perform calls clear.

DATE

2 Object 2 :

State

- Brand : Ta Ta
- Model : Nexon
- color : White
- Seats : 5
- Engine Type : BS6
- Fuel : Petrol
- Price : ₹ 12,00,000

Behavior

- When I start car, the engine turns on
- When I press the ~~accelator~~ accelerator, the car speeds up.
- When I press brake the car slows down and finally stops.

Identity

- Registration number : MH 12 BA 1234

Responsibility

- The car should provide safe travel
- car should start as soon as turn on engine

DATE

Object 3 : Laptop

State
- Brand : HP
- Processor : Intel i5
- RAM : 16GB
- Storage : 512 GB SSD
- Color : silver
- Os : Window 11

Behavior
- When I press the power button the laptop start
- When I open ~~stof~~ software, the laptop processes data.

Identity
- Serial Number : HPLAP2026.

Responsibility
- It should work smoothly
- It should start as soon as i press ~~tapto~~ start button.

DATE

Object 4 : Washing Machine

State

- Brand : LG
- Color : Grey
- Type : Automatic
- Model year : 2025

Behavior

- When ~~I~~ ~~do~~ water level increses, ~~whas~~ washing continues.
- When washing completes, it stops.

Identity

- Serial Number : LG123489

Responsibility

- It should wash clothes properly.
- It should automatically after washing is done

DATE

Object 5 : ATM machine

State
- Brand : SBI
- Location : Pune
- Cash capacity : ₹50,00,000
- Type : Touch screen

Behavior
- When is insert card it should read it and starts for further processes.
- It verifies the pin.

Identity
- ATM ID : SBIATM 143

Responsibility.
- It should provide secure transactions
- provide protection to user data.

DATE

Object 6 : Television

State
- Brand : Sony
- ~~Screen~~ Resolution : 4K
- Power : 150 W
- Price : 45000

Behavior
- When I change channel, display updates
- When I increase volume it should increse it

Identity: Serial Number : SONYTVLCD4252026

Responsibility :
- It should go to the specific channel that I choose
- It should respond to remote commands.

DATE

Object 7: Refrigerator

State
- Brand: Whirlpool
- Capacity: 265L
- Color: maroon
- Power rating: 180 V
- Stars: 5

Behavior
- When power is on cooling starts.
- When door is open, light turns on

Identity.
- Serial no.: WHP00L4326

Responsibility:
- It ~~shout~~ should ~~food~~ keep food fresh
- It should maintain proper temparature

DATE

Object 8: Printer

- Brand : Canon
- Type : Laser
- Color Type : yes
- Paper size : A4

Behavior

- When print command is given, printing starts.
- When ink is low it gives warning.

Identity

Printer ID : CANON4897

Responsibility

- It should print clearly
- Minimize paper wastage.

DATE

Object 9: Bicycle

State
- Brand : Hero
- Type : Gear
- Color : black & red
- Weight : 18 kg

Behavior
- It ~~sh~~ changes gear, speed changes.
- When I apply broke it stops.

Identity
Frame No : HEROBIC493

Responsibility
- Provide smooth riding
- Change gear as soon as i change it. properly

DATE

Object ID: Pen

State
- Brand : ~~Kolo~~ DOMS
- Color : Blue
- Ink : Gel
- Price : ₹20

Behavior
- When cup is closed, ~~ink~~ ink does not dry
- When ink finish pen stops.

Identity
- Serial No : 8906073787249

Responsibility
- It should not leak.
- Provide smooth writing

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classmate