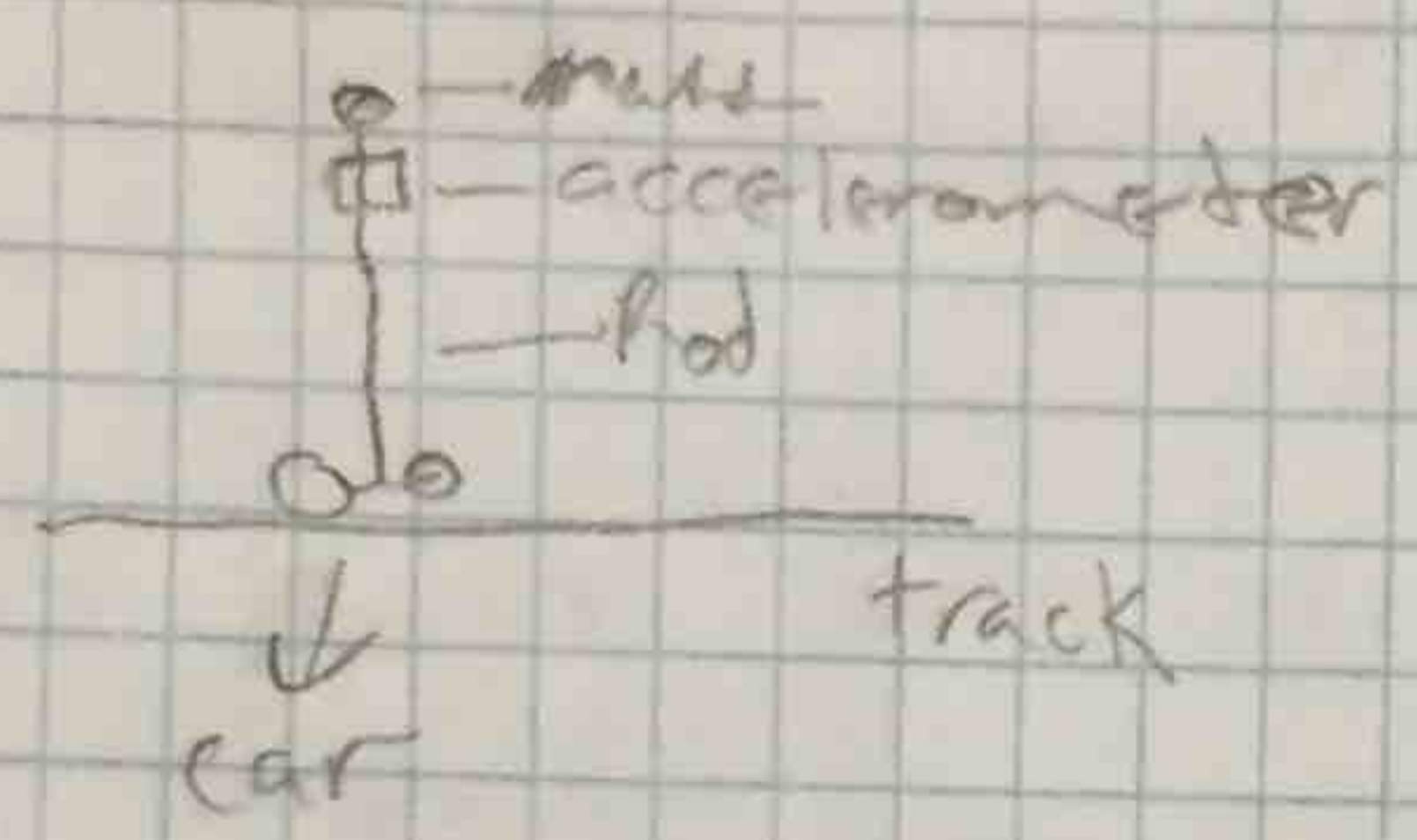


# Project Proposal

- 1) ✓ Description
- 2) ✓ Sell Project
- 3) ✓ Prove

## Movement

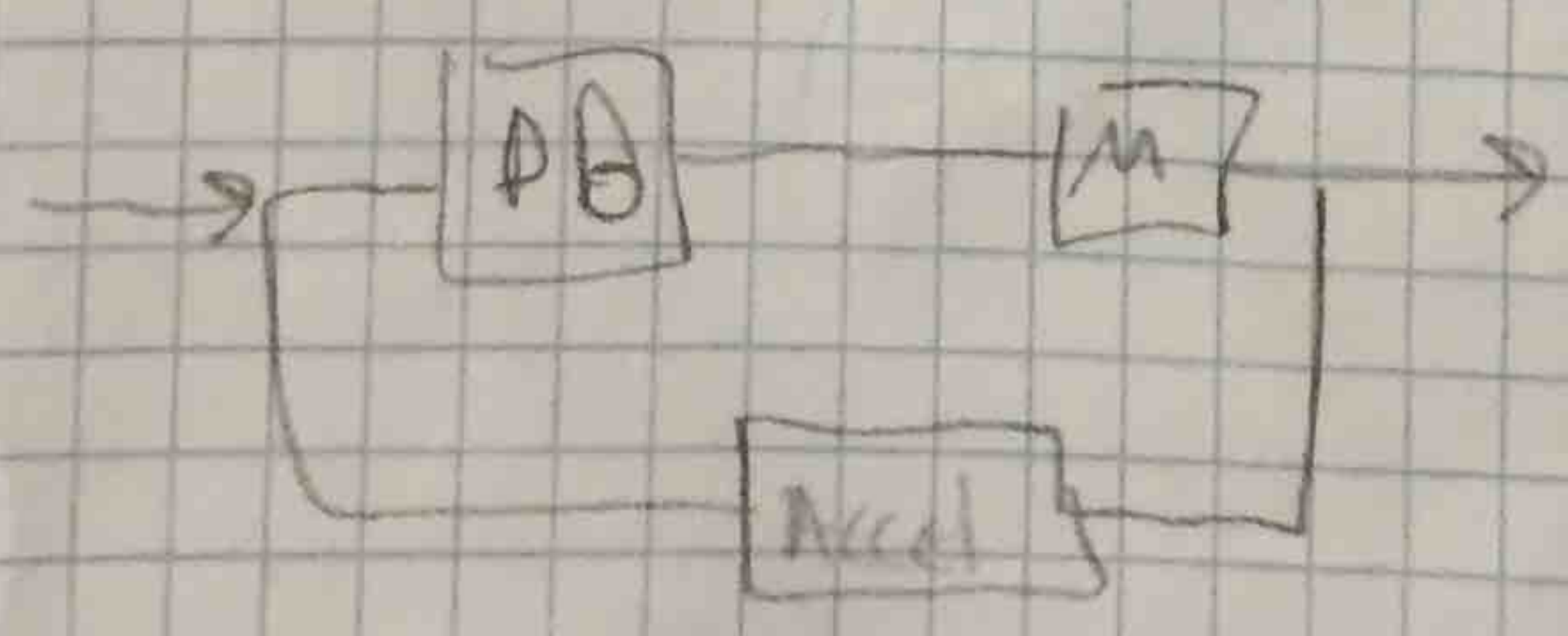
tilt like segway



if track is tilted forward then the car moves to catch up to mass so it doesn't fall over

## negative feedback?

- By the end of semester:
  - complete test
  - design crisis



## Milestones

- chassis design
- motor/sensor
- Auto Balance
- move while Balancing
  - straight
- Turning
- Final Implementation
- dragon board

## Deliverables

- auto balance
- "cocktail service"
- Return to home function
- Dynamic motion
- follow mode

## WBS Stuff

- motor/sensor testing
  - individually
- Tilt testing (see previous page)
  - test negative feedback
- Balance in Place
- organize chassis components (Placement)
- Inertia stuff