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- Comms team: inputs and outputs
- Start think about what a demo might look like
  - **Design two very different feels**
  - First, just design 2 very different things that you can stand on & experience different feels
  - Second, put on an upper to understand that same different dynamically
- + Recommendations (part of design tool)
- Inputs (once we figure out machinery behind)
  - User
  - Designer
    - Density, stress strain curve, ...
- Output
- Interface

Team Tech 1

- materials

Team Tech 2

- Testing and modeling composites
- Fabricate composites

Final Deliverables

Team work breakdown:

- Comms
  - Design tool (front-end)
  - Demo
- Testing
  - Fabrication - start now!
  - Demo
  - Things to do: order materials, get lab training, get data as soon as possible
    - Characterize materials individually first
- Modeling
  - Design tool (back-end)
  - Demo
  - Things to do:
    - Develop platform to automate parameter fitting (least squares)
    - start with existing models
    - Simplest model we will find will not be rate dependent
    - Adidas materials will have some rate dependence, they're interested in that
    - Great to consider rate dependent model after

- Rate dependent model: some amount of dissipation depending on how fast we move it
  - Spring, but in parallel is dashpot
- First do without rate dependence (test everything slowly), then

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