

Second Summer Program

Presentation Outline

Presentation

Who is your audience? Consumers and the people for whom you want to work this summer. This is your chance to really impress them!

Remember, you only have **20 MINUTES** to present your idea, so be organized and concise. For example:

Milestone reports/Final Presentation

Each team will make a final PowerPoint presentation to the class and visitors, followed by a celebration luncheon in the faculty club. A laptop projector will be available as well as a video player if needed. The presentation will have the following format:

- Slide 1: Team name, student members (individual or group picture with everyone's names so someone can tell who is who!) and TAs AND define the theme area for your team (e.g., a sports device) **(Milestone 1)**
- Slide 2: Describe the problem you set out to solve (show the different product strategies considered) (e.g., baseball, football) **(Milestone 2)**
- Slide 3: Show results of Rohrbach and brainstorming process, and your top selected strategy (the product area, e.g., baseball) **(Milestone 2)**
- Slide 4: Show results of Rohrbach and brainstorming process, and your top one or two concepts (the hardware ideas, e.g., pitching, or batting machine). Ideally, each person has created a solid model of their own favorite concept, and the slide shows each persons' solid model, as well as the final solid model of the best evolved concept **(Milestone 3)**
- Slide 5: Show experiments or other things you did to help select the "best concept" (e.g., we are developing a human powered pitching machine) **(Milestone 4)**
- Slide 6: Show the final concept (solid model and sketch model) **(Milestone 5)**
- Slide 7: Show the development of the concept (analysis, sketches, models, machining the parts etc) **(Milestone 6)**
- Slide 8: Show the finished product! **(Milestone 7)**
- Slide 9: Show the testing of the product **(Milestone 8)**
- Slide 10: Results (how well it worked? Cost-to-produce estimate) **(Milestone 8)**
- Slide 11: Conclusions: Is this product worth developing for the mass market? Anything else? **(Milestone 8)**

Your presentation doesn't have to go exactly like this, but should have most of these ideas:

A. Team/Product Intro.

- Group members and product.
- What were your original ideas and concepts?
- What problem(s) does it solve? What products does it replace/compete with?
- Market Research: Who wants to buy it?

B. How did you pick your final design? (design process is important)

- Functional Criteria: What does it have to do?
- Which criteria were important (Perhaps show how you weighed and graded them?)

C. Prototypes (how did they evolve?)

- Did you identify any major problems with your design.

D. What was your final product?

- What are its features?
- Why is it better?
- What will you make it out of?
- Were there any variations or spin-offs (similar ideas)?
- Price: What are similar items priced at in a store? Do you think you can compete?
- If you still have problems, how are you gonna fix them?

E. What next with your product?

You may add things you think are important, but remember you only have 20 minutes!