EGE2123: Entrepreneurial Engineering Design Studio

Sprint 2 Review Guidelines

PURPOSE: This sprint review should clearly present that you have achieved your goals for Sprint 2:

- **Choose final solution concept to pursue**
- **Revise design requirements based on customer feedback**
- **Create target specifications**
- **Create a Product Architecture document**
- **Create a Bill of Materials**
- **Build a full scale (Level 2) model for customer feedback and potential pricing information**

PRESENTATION GUIDELINES

❖ You must create a 7 minute (maximum) presentation with another 5 minutes for questions/feedback from the audience.

❖ This Sprint 2 Review is different than the previous reviews in that it will be more interactive. You must get as much information from the customer as possible about your design including feedback on price. Ask the customer what they would be willing to pay for a device such as yours.

❖ Use the rubric on the back of this sheet to plan the content of your presentation. The elements it should contain are as follows:
  ➢ Your team name, list of team members, mission statement, and computer generated, full scale version of your logo

  ➢ One slide with a brief review of the pain your team is addressing. At least 1 picture must be used to illustrate the pain.

  ➢ A summary of your target specifications.

  ➢ Show the audience your Level 2 prototype and describe the form and function including the materials you plan to use in the final design.

  ➢ Ask for audience feedback and assign a team member to record feedback during the review.

  ➢ Ask the audience what they would be willing to pay for such a device. Write this number down - you will need it for cost analysis.

❖ After the review, you will turn in your presentation slides (pdf file), your product architecture document, and your Sprint 2 In Class Consulting Sheet with the documentation of customer feedback from the review on the back. All of these items will contribute to your team's grade for the Sprint 2 Review.

Rubric for Sprint 2 Reviews (25 points)   **Team Name:_____**

Element	Below Expectation	Meets Expectation	Exceeds Expectation	Additional Feedback
BACKGROUND: Presentation & Justification of the Problem (Opportunity Identification)				
❖ The presentation contained a brief summary of the background of the pain addressed within the context of the design theme. At least one picture was used to illustrate the pain.				
TARGET SPECIFICATIONS				
❖ Target specifications were clearly presented and justified (Each specification included metrics, units, and values).				
PRODUCT ARCHITECTURE - TEAMS WILL TURN THIS IN AFTER THE REVIEW BUT WILL NOT PRESENT IT DURING THE REVIEW				
❖ A high quality assembly drawing was presented with components and functional requirements clearly labelled.				
❖ Teams effectively translated design requirements into a technical design.				
FULL SCALE MODEL PROTOTYPE & CUSTOMER FEEDBACK				
❖ Team demonstrated a full scale model prototype of their design with sufficient detail for proof of concept.				
❖ Customer feedback on prototype was gathered and documented, including information on potential price.				
ENTREPRENEURIAL MINDSET				
❖ Team demonstrated thoughtful integration of information from many sources (project guidelines, customer feedback & market research) to establish realistic target specifications.				
❖ Team carefully considered the technical feasibility of the functional requirements of their design and assessed the risk in making design choices.				
❖ Team engaged customers to evaluate their design and integrated the information to assess and manage risk associated with their design choices.				
❖ Team continues to apply creative thinking to ambiguous problems while being mindful of the customer at every stage.				
COMMUNICATION & TEAMWORK				
❖ Every member of the team spoke at the presentation with an equal distribution.				
❖ The presentation was well-organized and professional.				
❖ The presenters answered questions from the audience well.				