

This is the form that will be used for the final evaluation. Fill in as much as you like and use it today to suggest anything you feel would help the team.

MECH 457- Prototype Evaluation

Date: _____

Project: _____ Team members: _____

Evaluator: _____ Check one: Student ☐ Course Instructor ☐

Mentor ☐ Client ☐ Faculty ☐

Other: _____

1. Type of prototype: ☐ Focused or ☐ Comprehensive, ☐ Analytical or ☐ Physical
2. Comment on the suitability and choice of the prototype. (Most of the information will be in the supporting presentation, e.g. posters, slide show, video or photos, test results etc..)

- a. Clear statement of project objectives? _____
- b. Clear statement of the prototype purpose? _____
- c. Does purpose match project objectives? _____
- d. Did prototype achieve its purpose? _____
- e. Was the design "furthered" by the prototype? _____
- f. Other comments: _____

3. Comment on the quality of construction of the prototype. (Keep in mind many students only had limited financial support from the faculty, i.e. \$100 and 10 hr. tech support, while others had significant support from their clients.)

- a. Were the choices of materials suitable? _____
- b. Were the choices of manufacturing process suitable? _____
- c. Were the fit and finish suitable? _____
- d. Other comments: _____

4. Comment on the prototype presentation.

- a. Was the prototype suitably displayed? _____
- b. Was there suitable back-up? (Consider such items as documentation, photos, videos, drawings, graphs, charts, data, test results, or summary statement.)

c. Other comments: _____

Assign a grade out of 10 for choice of prototype.....

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