



EVIDENCE OF TESTING

Designers test and evaluate small scaled models of a product, through various methods, to ensure accuracy, functionality, and usability.

1. Visual Inspection

Designers carefully examine the model for any visual flaws, discrepancies, or imperfections. This includes checking for proportional accuracy, surface finishes, and overall aesthetics.

2. Functional Testing

If the model has movable parts or functional components, designers test these to ensure they operate smoothly and as intended. This can include hinges, wheels, or other mechanical elements.

3. Fit and Assembly Testing

For models with multiple parts, designers test the fit and assembly to ensure all components align correctly and can be assembled without issues. This helps identify any potential problems in the design or manufacturing process.

4. Material Selection

Designers often decide on the materials they will use to manufacture a product, when working on a prototype model. They consider; durability, flexibility, and resistance to wear and tear.

5. User Testing

Designers often involve potential users in the evaluation process. This can include usability testing, where users interact with the model to provide feedback on its design, improvements to ergonomics and overall user experience.

6. Performance Analysis

Designers analyse the model's performance in terms of strength, stability, and functionality. This can include stress tests, load tests, and other performance evaluations to ensure the model meets the required standards.

7. Iterative Refinement

Based on the feedback and test results, designers make necessary adjustments and refinements to the model. This iterative process helps identify and resolve any issues, improving the overall design.



USEFUL LINK

<https://technologystudent.com/prddes1/artm9.html>

DESIGN MOVEMENTS - MY UPDATED DESIGN AFTER MODEL EVALUATION

WORLD ASSOCIATION OF TECHNOLOGY TEACHERS

<https://www.facebook.com/groups/254963448192823/>

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GENERAL DESCRIPTION:

SUMMARY
