Unit 2 - Equipment Integration with small parts

Week 1 Assessment

Due on: 2020-02-12, 23:59 IST

Assessment

1. Why is the geometry of product important? (2 points)

2. Demonstrate knowledge of the function of the product, study the ergonomics and improve aesthetics. (1 point)

3. Study the usability, demonstrate the functionality of the product. (3 points)

4. Study usability functions but not the usability and ergonomics. (3 points)

5. Study how the user interacts with the product, and also determine the positioning of the product by aesthetics. (2 points)

6. Identify the user, understand the objectives attained and constraints are met. (2 points)

Practical Assessment

1. Generate the measurements and 3D models of the small parts. (2 points)

2. Develop a design for the small parts. (2 points)

3. Develop a assembly sequence for assembling small parts. (2 points)

4. Determine the feasibility of the assembly sequence. (2 points)

5. Identify the constraints and limitations in the design. (2 points)

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7. Develop a assembly sequence for assembling small parts. (2 points)

8. Determine the feasibility of the assembly sequence. (2 points)

9. Identify the constraints and limitations in the design. (2 points)

10. Develop a assembly sequence for assembling small parts. (2 points)

11. Determine the feasibility of the assembly sequence. (2 points)

12. Identify the constraints and limitations in the design. (2 points)

Non-Practical Assessment

1. Generate the measurements and 3D models of the small parts. (2 points)

2. Develop a design for the small parts. (2 points)

3. Develop a assembly sequence for assembling small parts. (2 points)

4. Determine the feasibility of the assembly sequence. (2 points)

5. Identify the constraints and limitations in the design. (2 points)

6. Develop a assembly sequence for assembling small parts. (2 points)

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14. Identify the constraints and limitations in the design. (2 points)

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