

Annotation Checklist



	List L1-L3	Describe L4-L5	Explain L6-L8
Function- how well it works	Name the part	Describe what it does	Explain how it works
How it meets the user's needs	Name the part	Describe how it meets the user's needs	Explain how it meets the user's need
Ergonomic features	Name the part	Describe how it interfaces with the user and how effectively it does that	Explain how it interfaces with the user using all the senses
Materials	Name the material used for the part	Describe which manufacturing processes would be used with each material	Explain why those processes are appropriate and what material properties have been taken advantage of
Properties needed by key components	Name the properties that the component will need in order to function optimally	Describe how the material will perform functionally and aesthetically	Explain the benefits and differences of alternative materials that match the properties
Sizes	Name the parts - show the sizes taken into account (e.g. USB charging port dimensions, key human dimensions - anthropometrics)	Describe which aspects of the product have been shaped and sized take account of the key dimensions	Explain all of the ways in which taking account of key dimensions during designing have influenced and guided the form and function of the product
Cost issues	Name aspects that have a cost implication	Describe how the design and manufacturing processes have/could be adapted to reduce cost and maximise profit	Explain how alternative choices in designing and manufacturing decisions will affect the product life cycle, the environment as well as discussing relative profit / cost issues
Safety	Name the particular feature of the product that has safety implications- name the hazard	Describe how the feature might be either a safety feature or a hazard, and what might be the particular consequence.	Explain how alternative approaches or features in the product may reduce the hazard, or how a given safety feature reduces risk and improves safety.
Components	Name the part	Describe what the components do and how you will incorporate them	Explain the value of including the pre-manufactured component.