Enhance designs by finding ways in which they can be improved

Activity 5

Theory

Ahmed is learning about improving the design of computing devices.

Explain possible improvements that could be made to devices to reduce bias and accessibility issues.

Write your answers below.

	Explanation	Possible improvements
Bias		
Language	Some devices have controls labelled in one language. Devices designed this way are biased against anyone who cannot read the language.	
Physical	Some devices are designed for users with certain physical characteristics, for example, right-handed people. Devices designed this way are biased against anyone with different physical characteristics.	
Accessibility issues		
Cost	Some people cannot obtain technology, such as computing devices, because they cannot afford to buy or access services.	
Education	Some people cannot use technology as they have no experience or knowledge of it.	
User abilities	Some people cannot use technology because they have different abilities, such as mobility, and visual or hearing impairments.	

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LIVEWORKSHEETS