Improving the design of computing devices

Activity 5

Noor is learning about improving the design of computing devices.

Explain possible improvements that could be made to devices based on an analysis of user interaction with them.

Write your answers below.

Device	Analysis of interactions	Possible improvements
Laptop	• Cooling vents on the device could be blocked when it is on the user's lap. • Resting the device on the user's lap could be uncomfortable. • Position of the screen is always lower than the user's eye line. • Lack of support for the user's wrists when using the keyboard or trackpad. • Difficult to transport without using a case or bag.	

Device	Analysis of interactions	Possible improvements
Tablet	• Device can be heavy or uncomfortable to hold using one hand. • Device does not stand without support from a user or case. • Position of the screen is often lower than the user's eye line. • Device can easily be damaged if dropped during transport.	
smartphone	• Device can be heavy or uncomfortable to hold using one hand. • Device does not stand without support from a user or case. • Position of the screen is often lower than the user's eye line. • Device can easily be damaged if dropped during transport.	

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