HCI LAB 04 ACCESSIBLE DESIGN

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Lab Task 04:

TalkBack can help users navigate through the different elements of the app, such as buttons, menus, and notification, by providing spoken feedback, but it may take some time to get used to the way it works.

I face difficulties with TalkBack when it comes to typing messages, as they need to rely on the keyboard to hear the letters and words they are typing. Additionally, TalkBack may not always provide accurate feedback or may misinterpret some user actions which can frustrating.

Overall, using TalkBack with WhatsApp or any other app can be challenging, but it can also be helpful tool for those with visual impairments or other disabilities that make it difficult to use a smartphone or tablet. With some practice and patience, users can learn to use TalkBack effectively.

Lab Task 05:

1) **Difficulty with navigation:** Without a mouse, it can be challenging to navigate through web pages using only keyboard commands. You may need to learn new keyboard shortcuts to move between different sections of the webpage

2) **Incompatibility with Amazon's website:**

Some websites are not fully compatible with screen readers, or other assistive technologies. You encounter issues with Amazon websits, such as difficulty with accessing certian menus or buttons.

3) **Limited Browsing options:** Browsing without a mouse may limit your ability to see all of the options available on the Amazon website. For example if you can not hover over a menu option, you may not be able to see all of the subcategories available.

Lab Task 03 :-

I evaluate www.apple.com using an online automated testing tool known as wave.webaim.org

The summary of report :-

1) It found 0 errors.
2) It found 4 contrast errors.
3) It found 11 alerts
4) It found 33 features
5) It found 65 structural elements
6) It found 285 ARIA

Contrast errors are those errors which are very low contrast between text and background colors.

Alerts means: Adjacent links go to the same URL.

But when I evaluate www-apple-com I found that

1) Apple.com provides text alternatives for non-text content
2) Apple.com creates content that can be presented in different ways without losing information

3) Apple.com make it easy for users to distinguish and read content

4) Apple.com make all functionality available from a keyboard.

5) Apple.com makes text content readable and understandable.