# Activity sheet 1.6: Developing inclusive user interfaces

*Learning outcome A: Understand interface design for individuals and organisations*

*A2: Audience needs*

You work as part of a group that campaigns for better user interfaces for all computer users, including those with accessibility needs.

Some examples of people with specific needs are shown below. Read each scenario then answer the questions that follow it.

## Angela

Angela is partially sighted. She has a form of blindness that means she is unable to view objects in her central vision. This means that she cannot easily read small-sized text and objects.

1. How might Angela feel if she tries to book tickets at a local concert venue using a booking form containing text that is too small to read?

1. Explain how the booking form could be adapted to enable people of all eyesight abilities to   
   use it.

## Javinder

Javinder has limited hearing. This means he finds it difficult to hear the audio on videos.

1. How might Javinder feel if he tries to access an online magazine that makes extensive use   
   of video interviews?

1. Explain how the online magazine’s user interface could be adapted to enable all users with hearing needs to use it.

## Joshua

Joshua has motor neurone disease. This means that he finds it difficult to control objects such as mice and keyboards with his hands.

1. How might Joshua feel if he tries to search for a book at his local library using the library’s desktop computer?

1. Explain how the library computer system’s user interface could be adapted for users like Joshua.

1. The most common types of software include word processors, web browsers, email and social media apps.
2. Pick two of these types of software.

5. For each one, investigate the features that help its users with accessibility needs.
6. Software:

1. Software:

1. Insert screenshots of the software below. Annotate the screenshots to show the accessibility features included in the software as well as any features that could   
   be added.

Screenshot 1 Annotations

Screenshot 2 Annotations

Screenshot 3 Annotations

Screenshot 4 Annotations

*Add more screenshots as needed.*