Online Education: User Challenges and Solutions

Accessibility
- Learners with disabilities experience challenges and barriers to equivalent educational experiences if online content is not created according to accessibility guidelines.

Visual
- Challenge: It is difficult or impossible to perceive images, graphics, and video.
- Provide text-based and/or audio alternatives equivalent to the visual content.

Hearing
- Challenge: It is difficult or impossible to hear auditory content.
- Provide captions for video and transcripts for audio.

Motor
- Challenge: It is difficult to use technology. The user may not be able to use a mouse.
- Make content available by keyboard only. Make sure the tab order makes sense.

Cognitive
- Challenge: Diverse users have a wide range of difficulty with complex information, layout, or navigation.