***Objective – Teach You How to P O U R Accessibility into Your Development / Creation Process***

**Technologies people with disabilities use to access the web:**

**Access to computer and mobile platforms:**

**Device-----Screen reader**

**Windows computer with JAWS, Narrator, and NVDA**

**Mac with Voiceover,**

**iPhone with Voiceover,**

**Android with Talkback,**

**Amazon Fire devices with Voice View.**

**KEY Point - An accessible site or app needs to comply with the WCAG2.0/2.1 accessibility standards.**

**https://www.w3.org/WAI/**

**Often barriers to accessibility are grouped into four functional principles known collectively as POUR.**

**POUR – Perceivable, Operable, Understandable, Robust**

**Perceivable - Information should be Perceivable**

**Perceivability means the user can identify content and interface elements by means of the senses.**

**For many users, this means perceiving a system primarily visually,**

**while for others, perceivability may be a matter of sound or touch.**

**Operable - Interfaces should be Operable**

**Operability means that a user can successfully use controls, buttons, navigation, and other necessary interactive elements.**

**For many users, this means identifying an interface control visually, and then clicking, tapping, or swiping.**

**For other users, using a computer keyboard or voice commands may be the only means by which they can operate and control the interface.**

**Understandable - Content should be Understandable,**

**Understandable technology is consistent in its presentation and format, predictable in its design and usage patterns, concise, multimodal, and appropriate to the audience in its voice and tone.**

**Users should be able to comprehend the content, and learn and remember how to use the interface.**

**Robust - The meaning of the content should be Robust to changes in the way it is accessed**

**Robust I T is standards-compliant, and designed to function on all appropriate technologies, and is not platform or device dependent.**

**Users should be able to choose the technology they use to interact with websites, online documents, multimedia, and other information formats.**

**That is why it is important that Web sites be "Responsive" for cross platform accessibility and usability.**

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**What's your plan for building accessible site/app?**

**Will you integrate POUR into your plan?**