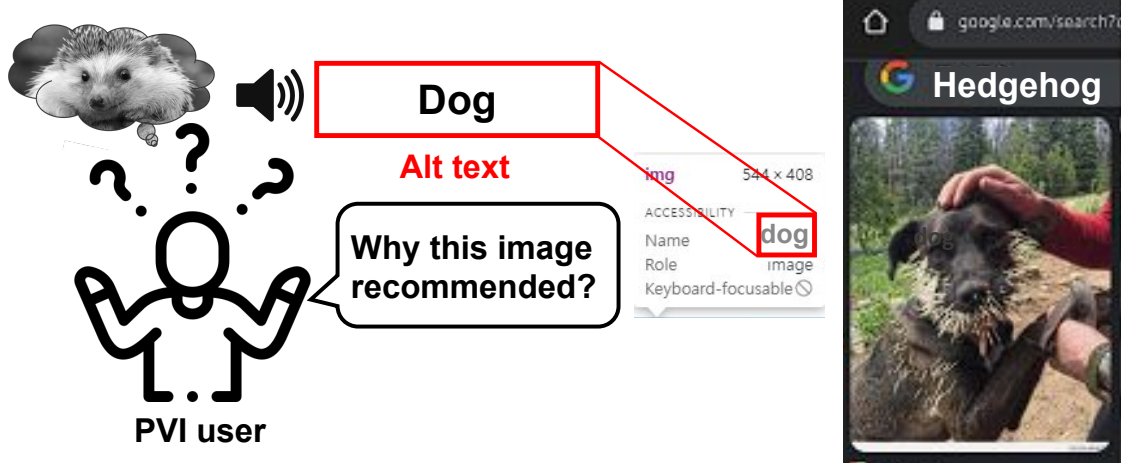


Introduction

The Importance of Alt Text



Poor digital content accessibility



- People with visual impairments (PVI) users **have difficulty viewing or understanding searched images.**
- PVI users understand images through screen readers **that read aloud the alt text** provided for the images.
- However, many web pages **do not provide appropriate alt text** for the images they use.
- **Improving digital content accessibility** for PVI users is necessary.

Aim

- **Generate detailed alt text** for **improving image accessibility** with leveraging **Large Language Models.**
- Develop a smartphone app **to generate alt text** and help **PVI users search for their smartphone images** using alt text.

System

