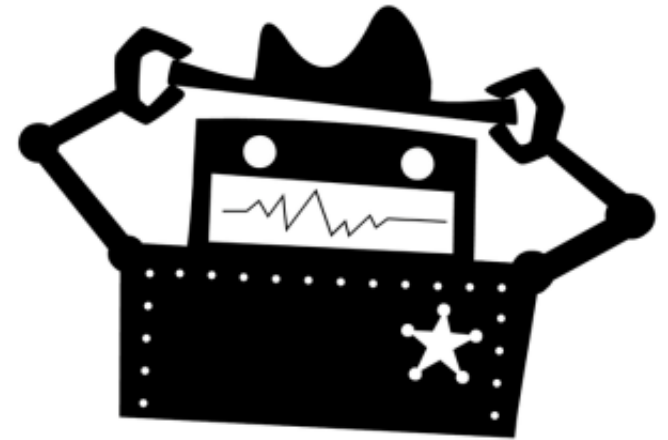


# TECHRANGERS

IDL Presentation

# Techrangers | What We Do

- Accessibility
- Course Development
- Application Development
- Training/Community Outreach
  - ▣ TechTime
  - ▣ Facebook: UCFTechrangers
  - ▣ Twitter: @techrangers
  - ▣ Google+: Techrangers



# Techrangers | Accessibility



- Categories of disabilities
  - ▣ Cognitive
  - ▣ Visual
  - ▣ Auditory
  - ▣ Motor

# Techrangers | Cognitive



- Dyslexia
- ADD
- ADHD
- Visual Comprehension

# Techrangers | Visual



- ☐ Blindness
- ☐ Color Blindness
- ☐ Low Vision



# Techrangers | Color Blindness



Good Contrast

Bad Contrast

Good Contrast

Bad Contrast

# Techrangers | Color Blindness



Good Contrast

Bad Contrast

Good Contrast

Bad Contrast



# Techrangers | Use of Color

## Course Description

Include catalog description and prerequisites

## Course Objectives

- Objective One which is super important.
- Objective Two, also really important!
- Objective Three, the most important!



## Required Text

- Required Text One
- Required Text Two
- Required Text Three

# Techrangers | Low Vision



University of Central Flori

# Strategic Manageme

# Techrangers | Accessibility



- ❑ Other commonly found issues
  - ❑ Images without ALT text
  - ❑ Tables without proper headers
  - ❑ Using tables for layout
  - ❑ Videos and narrated PowerPoint presentations without closed captioning
  - ❑ Audio without a transcript
  - ❑ Improperly formatted PowerPoints and Word DOCs
  - ❑ Untagged or image-based PDFs

# UDOIT Demo



# Techrangers | Custom Development



- Pages allow for easy editing

- ▣ Not very flexible

- ▣ Limit interactivity

- More complex ideas?

- ▣ Page designs

- ▣ Interactive experiences

- Materia

- Obojobo