

## Lab 04 Accessible Design

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### Lab Task 1

Use the following checklist and evaluate the accessibility of any website of your choice. Summarize your findings

<https://usability.yale.edu/web-accessibility/articles/wcag2-checklist>

I evaluate [www.apple.com](http://www.apple.com) on the basis of WCAG 2 A checklist:

1. Text alternatives: Apple.com provides text alternatives for non-text content.
2. Time-based media: Apple.com provides alternatives for time-based media.
3. Adaptable: Apple.com creates content that can be presented in different ways without losing information or structure.
4. Distinguishable: Apple.com makes it easy for users to distinguish and read content.
5. Keyboard accessible: Apple.com makes all functionality available from a keyboard.
6. Enough time: Apple.com provides users enough time to read and use content.
7. Seizures and physical reactions: Apple.com does not design content in a way that is known to cause seizures or physical reactions.
8. Navigable: Apple.com provides ways to help users navigate, find content, and determine where they are.
9. Readable: Apple.com makes text content readable and understandable.
10. Predictable: Apple.com makes web pages appear and operate in predictable ways.

## Lab Task 2

Android has the following accessibility checklist. Use this list to evaluate the accessibility of

Careem/Uber/InDrive and write down your findings.

<https://stuff.mit.edu/afs/sipb/project/android/docs/guide/topics/ui/accessibility/checklist.html>

I evaluate Uber App on the basis of the Android Accessibility Developer Checklist:

1. Uber App enables TalkBack and Explore by Touch for testing
2. Uber App uses descriptive text for all UI elements
3. Uber App ensures a high contrast between text and background
4. Uber App provides alternative text for images and non-text content
5. Uber App ensures that all interactive elements are keyboard accessible
6. Uber App ensures that all touch targets are large enough
7. Uber App ensures that all content is readable with a screen reader
8. Uber App provides captions and transcripts for multimedia content
9. Uber App uses semantic markup for content structure
10. Uber App tests with users who have disabilities