multiverse

Front End Module

Week 1

Session Agenda

Agenda

→ Icebreaker

→ Module Project Introduction

→ Activate Review and Demo Lesson

→ Breakout

→ Daily Review

Learning Objectives

By the end of today, we will be able to:

- Articulate the major components that makeup effective UI Design

- Determine if a web application incorporates accessible and inclusive design using tools like Lighthouse

- Redesign a poorly designed website to better incorporate UI Design Principles.

Ice Breaker

Ice Breaker

If you could have an animal sidekick,
what would it be? Why?

Front End Module Introduction

FE Module Project

- GOAL: Create a front end application that:
    - Utilizes your company's tech stack
    - Incorporates the skills from this module
    - Has been agreed upon between you and your manager
- This work will be included in your final portfolio to demonstrate your proficiency in front end development.

WHEN FRONTEND IS READY BEFORE BACKEND

Emailing Your Manager

Before Week 5, you should:
- Email your manager to determine a project that aligns with the skills you are learning this module. Be sure to <u>use the provided template</u>!
- Collaborate with your coach if there are any blockers or questions as you determine a project!
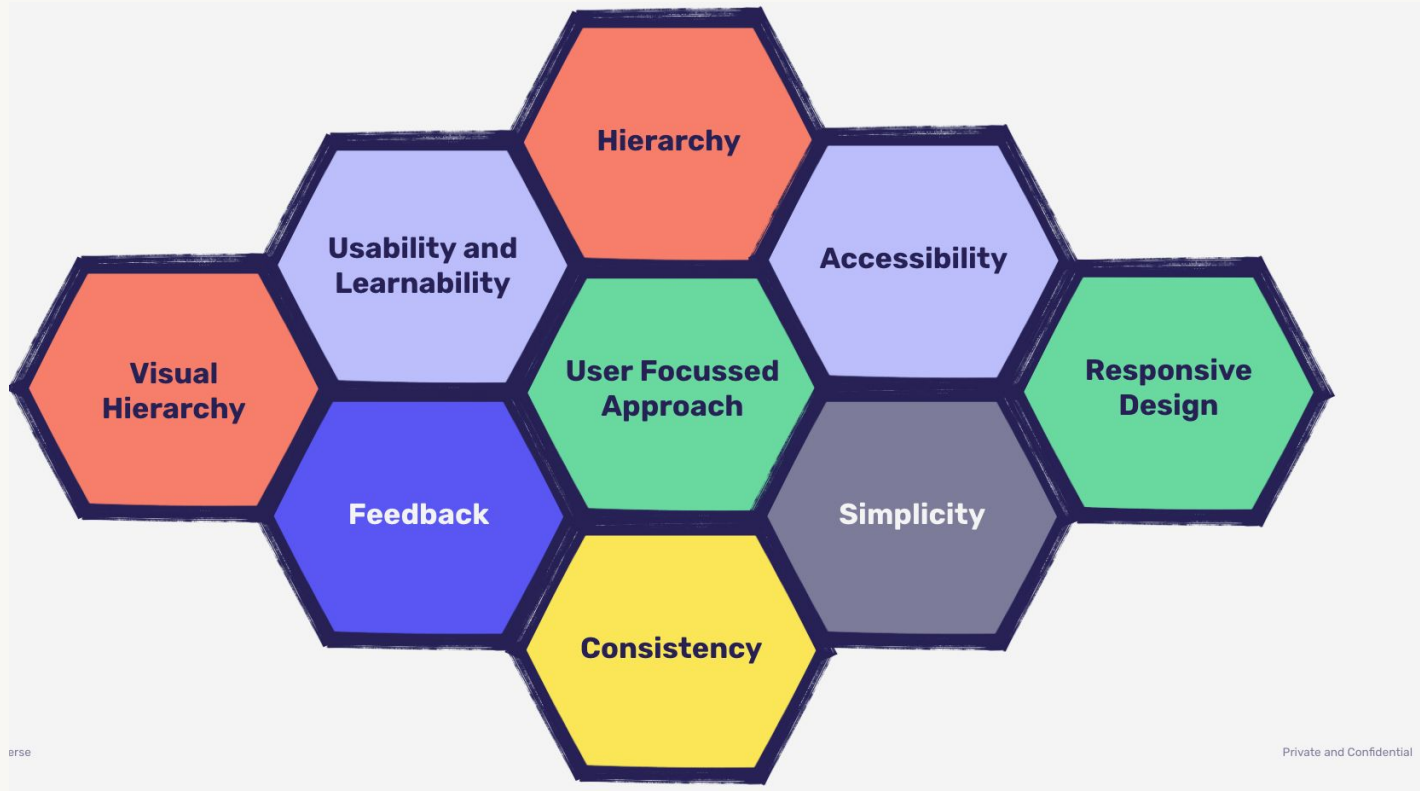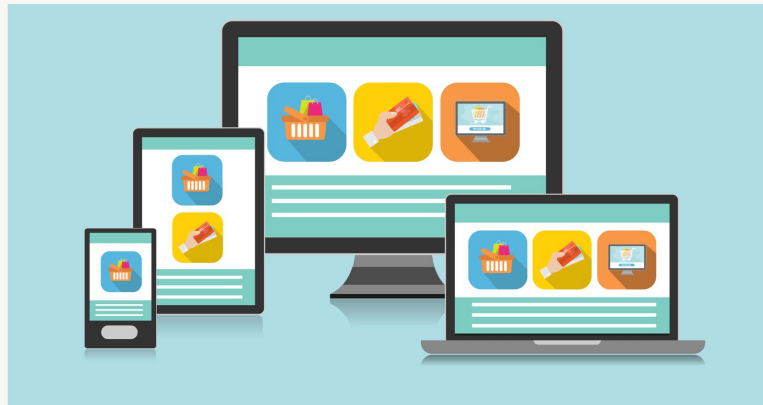
Activate Review

UI Design Principles
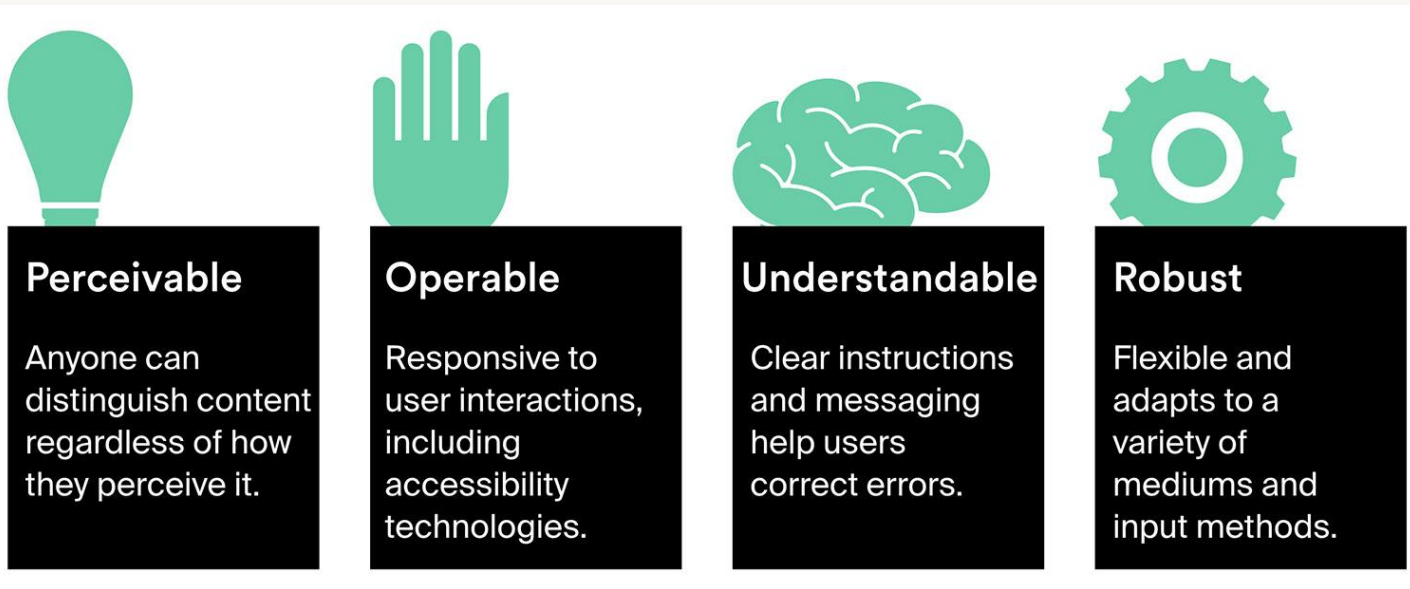
Designing User-Friendly UIs

- A user-friendly and visually appealing UI often incorporates many of the following:
  - Clear navigation
  - Intuitive interactions
  - Whitespace
  - Consistent color and typography
  - Micro Interactions
  - Responsive design

WCAG Accessibility Principles

- Incorporating web accessibility principles benefits everyone and enhances the applications that we are building.
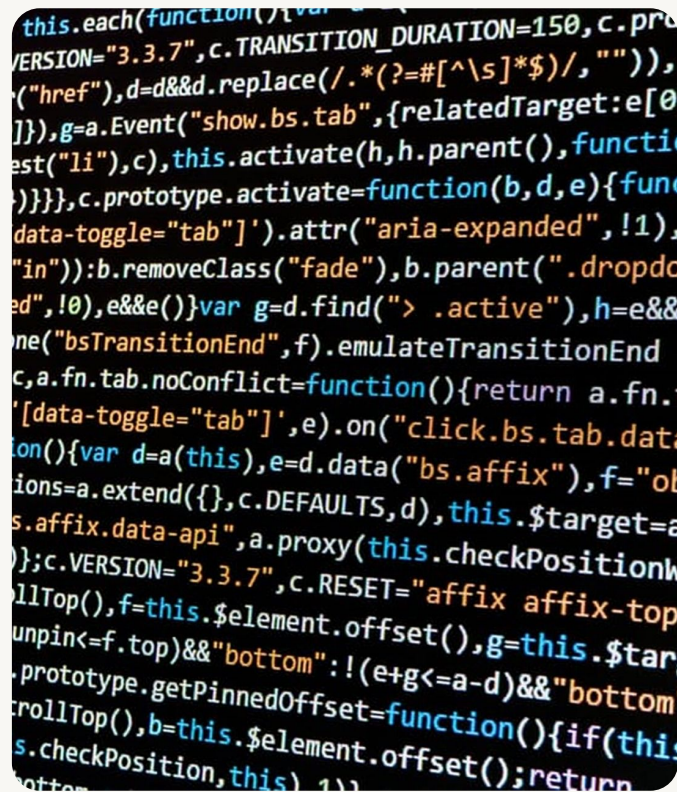

Perceivable
Anyone can distinguish content regardless of how they perceive it.

Operable
Responsive to user interactions, including accessibility technologies.

Understandable
Clear instructions and messaging help users correct errors.

Robust
Flexible and adapts to a variety of mediums and input methods.

Breakout Rooms

Breakout Assignment

With your partner, work on the exercise "Design Scavenger Hunt" and do the following:

- Find the WORST designed website on the Internet.
- Create a wireframe for how you would fix this design.
- Be prepared to present your new design and explain how it implements UI design principles.

Daily Review

Let's Vote:

What about UI Design principles would we like to review together?

Thank You

multiverse