ииltiverse

# Front End Module

Week 1



# 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.

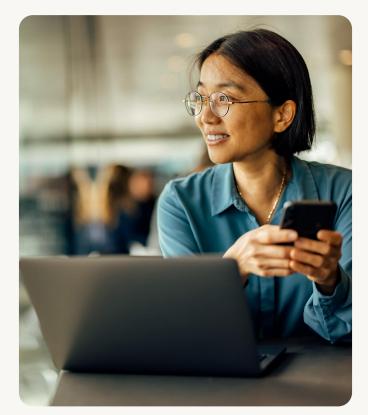


# Ice Breaker



#### Ice Breaker

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





## Front End Module Introduction



### FE Module Project

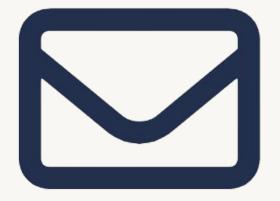
- GOAL: Create a front end application that:
  - Utilizes your company's tech stack
  - Incorporates the skills from this module
  - Has been agreed upon between you and your manager
- This work will be included in your final portfolio to demonstrate your proficiency in front end development.



### 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**



## Ul Design Principles



## Designing User-Friendly Uls

- 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.

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# **Daily Review**





#### Let's Vote:

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



# Thank You

#### **wultiverse**