

Goals

1. Get familiar with some of our basic technologies (Hugging Face, Vision Pro, Xcode, Swift, AWS, etc.)
2. Set up AWS platform
3. Select Hugging Face models and determine how to use these models
4. Start working on backend processing code
5. Create a VisionOS app to allow users pick an image from their photo library
6. Convert the image to Base64 to send it to the backend
7. Receive the response from the backend
8. Create a splash screen for the visionOS app after the app starts
9. Create a website to display information about the project
10. Create a speech to text app for VisionOS app

Sprint Backlog

- Create a visionOS app using SwiftUI in Xcode [Done, ~3 hours]
 - Create a website about the Capstone project [Done, ~2 hours]
 - Do research on which models we should use to process image [Done, ~3 hours]
 - High level research on AWS/models [Done, ~10 hours]
 - Do research on which server we should use to apply LLM to collected data [Done, ~3 hours]
 - Build API for server [Done, ~8 hours]
 - Allow users to pick photos from photo library in VisionOS app [Done, ~5 hours]
 - Encode image in Swift before sending it to the server [Done, ~2 hours]
 - Update existing code for WebSockets [Done, ~2 hours]
 - Create a VisionOS app for speech to text in Xcode [In progress, ~3 hours]
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