- **Date:** 2025-04-09
- **Time:** 02:30-03:30 PM
- **Location/Platform:** ERC Library Discussion Room
- **Attendees:**
  - Sangmoon Han
  - Soyeon Park
  - Yu-Tse Ling (Zona)
  - Man-Hua Chu (Kate)
  - Po-Yun Hsiao (Harold)
- **Agenda:**
  - Discuss how to implement the backend storage of the website and preview the references that can be implemented as methods to solve the inefficiency of the website.
  - Organize the questions during the client meeting at 3:30 pm.
- **Discussion Points & Notes:**
  i. Embedded Video Approach:
      - [Video streaming APIs, Data, and Players | Mux](#) (Supports Next.js, Vercel, better compatibility)
      - [YouTube Player API Reference for iframe Embeds | YouTube IFrame Player API | Google for Developers](#) (Might need client's approval to upload content to YouTube, consider if the content should be displayed to public)
  ii. Tool to measure website performance: https://pagespeed.web.dev/
  iii. CDN / Object storage application:
      - [DigitalOcean](#) (Requires $5 per month)
      - [Cloudflare](#) (Free)
      - [Cloudflare R2](#) (Free Alternative)
  iv. Every member should review the document listed above and decide which is more suitable for implementation by next Wednesday(16/4)
- **Action Items:**
  - Confirm with Dr. Shazia during the meeting:
      a. Whether the videos can be displayed publicly, or they should only be accessed privately after logging in the interactive textbook account.
      b. Whether it is possible to get a budget for the subscription of object storage application.
      c. Request for the additional content that needs to be added to the textbook.
  - Review object storage applications for backend development and organize possible solutions or suggestions - assigned to: everyone - by: 16/4
- **Next Meeting:** 16/4 02:30 PM-03:30 AM