# YouTube Comments Management Web Application

## Background & Motivation

The project aimed to manage inappropriate comments on YouTube channels to prevent harm to participants.

## Project Timeline

1st Submission: March 26  
2nd Submission: May 7  
3rd Submission: June 11

## Tools & Technology

Languages: JavaScript, HTML, CSS  
Google API: Client library for authentication and comment retrieval.

## Application Structure

Features:  
- Search comments by date range.  
- Retrieve all comments using pagination.  
- Manage sensitive comments efficiently.

## Workflow

1. Authenticate user requests using the Google client library.  
2. Retrieve all relevant comments.  
3. Filter comments by custom date ranges.

## Key Functions

- Fetch comments using `getComment` function.  
- Process asynchronous data with `Promise` objects.  
- Connect HTML and JavaScript for interactive features.

## Conclusion

The project provided valuable experience in:  
- API integration  
- Asynchronous JavaScript programming  
Future expansions aim to support broader YouTube channel management.

## References

Books:  
- Hatano Futomi: HTML Core API  
- Lee Goil: Living Coding - HTML, CSS, JavaScript