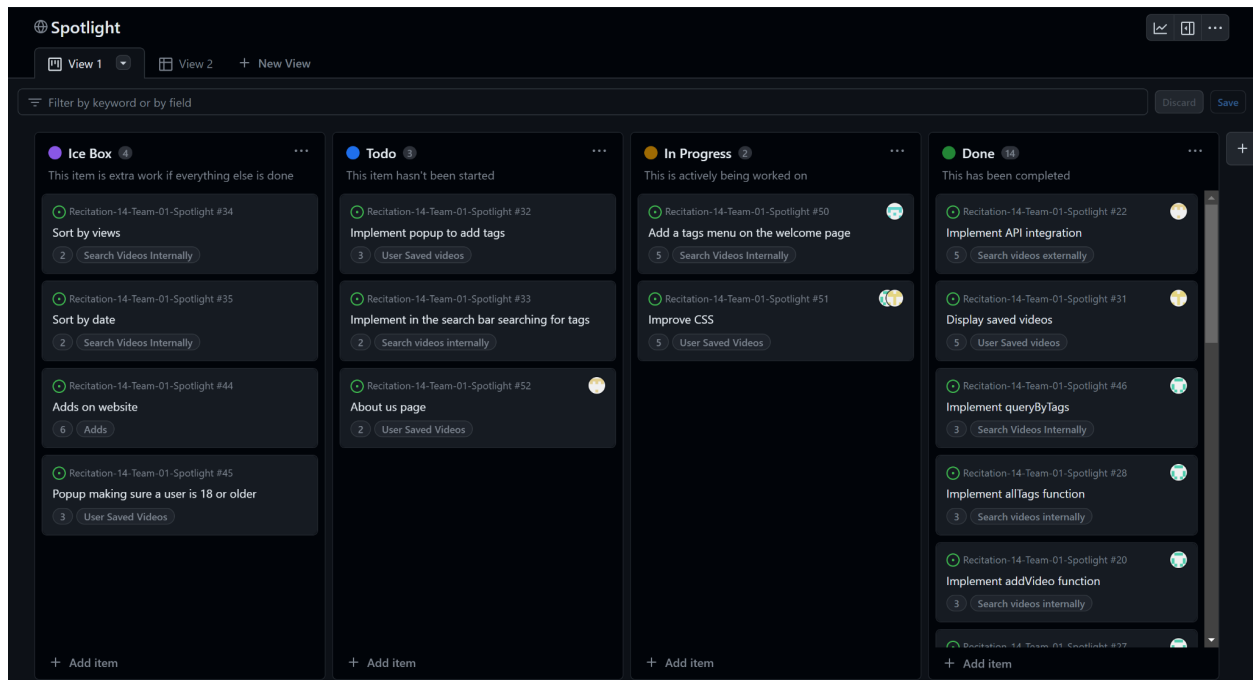


Title: Spotlight

Who: Gabe Beltran, Owen Kutzscher, Harrison Martin, Vincent Pham, Michael Laguatan

Project Description: Our website provides a free way of searching through various other creative websites to present the user with videos that fit their search queries. The user is able to register an account to access the website and begin searching through the search bar on the home page. It calls from Youtube and Vimeo to display users with videos from creators that have relatively free creative freedom. The search displays each video in a card with its corresponding information such as the title, thumbnail, and description to help the user decide on which video to view. If the user wishes to watch the video, the 'view' button will open the video in another page with an embedded video player. Our website also keeps track of which videos the user views which are displayed in the past videos tab. These functionalities combined allow the user to freely search for videos that fit their interests across multiple platforms as well as have the ability to easily access past videos to enjoy them again. The user is also able to change their username and password in the profile page for customizability and account security purposes.

Project Tracker: <https://github.com/users/MichaelLaguatan/projects/2/views/1>



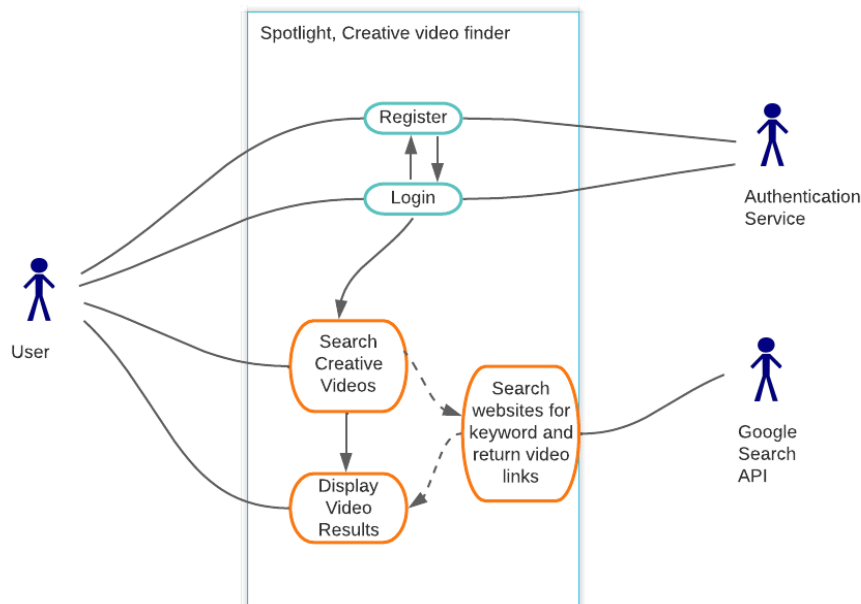
Video: The .mp4 file inside GitHub repository

VCS: <https://github.com/MichaelLaguatan/Recitation-14-Team-01-Spotlight>

Contributions:

- ❖ Gabe Beltran: Added functionality to check if user is logged in and redirect to certain pages depending on logged in status, changed what is shown on the header based on logged in status, added quick search/tags functionality that allows users to quickly navigate to common things users search, switched css a little, general bug fixes, added quality of life messages that allow users to understand what happened if they caused an error (such as trying to create a new account with an existent username)
- ❖ Owen Kutzscher: Building general website structure, login, register, password hashing. CSS for buttons, header, footer, all pages, Details page: when "view" button is clicked on, redirects user to Details page where larger video is viewable. Back button on the details page redirects users to their original search which is now saved on the search/home page. General functionality and bug fixes too of course.
- ❖ Harrison Martin: Handled all external APIs used to gather videos based off of search query. Also did the CSS for the results/home page as well as the rest of the website and stylized how the videos are presented to the user. Additionally, deployed the application into a different environment.
- ❖ Vincent Pham: Organized the database in the form of an ER diagram, used JS and PostgreSQL queries for creating the database, implementing functions with queries that allows the front end to interface with the database including getting all videos with a specific tag to be able to search for videos by tags, getting all videos associated with a specific user to be able to display the past videos, getting all tags associated with a video to be able to see the tags of a video, getting all the tags in the database to display all the existing tags in the database, adding videos to the database to be saved in "viewed," and adding tags to the database to allow for adding custom tags to videos.
- ❖ Michael Laguatan: Used JS, CSS, HTML, and PostgreSQL in APIs to create the profile and past videos features. The profile page allows the user to change their username and password as well as view their profile picture. The past videos feature pulls from their watch history in the database and presents it in a stylized way similar to the results page.

Use Case Diagram:



Test results:

- ❖ Test Case 1: The search bar allows the user to search using multiple APIs using keywords and tags. The user should be able to copy and paste into the search bar and the website should correctly display any returned videos from search.

- ❖ Observations/Results:
 - User tried searching before logging in
 - The website didn't communicate that the user needs to login before being able to search
 - Changes were made to redirect the user to the login tab if they are not currently logged in
 - User was unsure which tab to go to to search
 - User was able to copy and paste into text bar for easier searching
 - May need to add a 'search' button for users unfamiliar with pressing 'enter' to complete their search
 - Searched videos were correctly displayed to the user
 - User inquired about being able to view full title/description of a video without opening details page

- ❖ Test Case 2: The settings page allows users to change their username for customizability and their password for security. The user should be able to change their username and/or password and the website should properly change the values or give a warning if the primary key has been violated by the change

❖ Observations/Results:

- User tried searching before logging in
- The website didn't communicate that the user needs to login before being able to edit this information
- Changes were made to redirect the user to the login tab if they are not currently logged in
- User is able to change username and password with message giving feedback to user about successful change
- Website does display error message when primary key is violated (username is already taken)
- User questioned whether or not they are able to change their profile image
- Implementing a function for changing profile image may be favorable

❖ Test Case 3: The past videos page allows users to reference videos they have watched in the past. The user should be able to view a list of watched videos and be able to click on any video to rewatch it.

❖ Observations/Results:

- User tried searching before logging in
- The website didn't communicate that the user needs to login before being able to see their own past videos
- Changes were made to redirect the user to the login tab if they are not currently logged in
- User tried to view past videos when they haven't watched any videos yet
- Website should prompt user with message if video history is empty
- User was able to see past video after watching a video
- User was able to rewatch a video from past video page
- User inquired about being able to view full title/description of a video without opening details page

Deployment: <http://recitation-014-team-01.eastus.cloudapp.azure.com:3000/>