

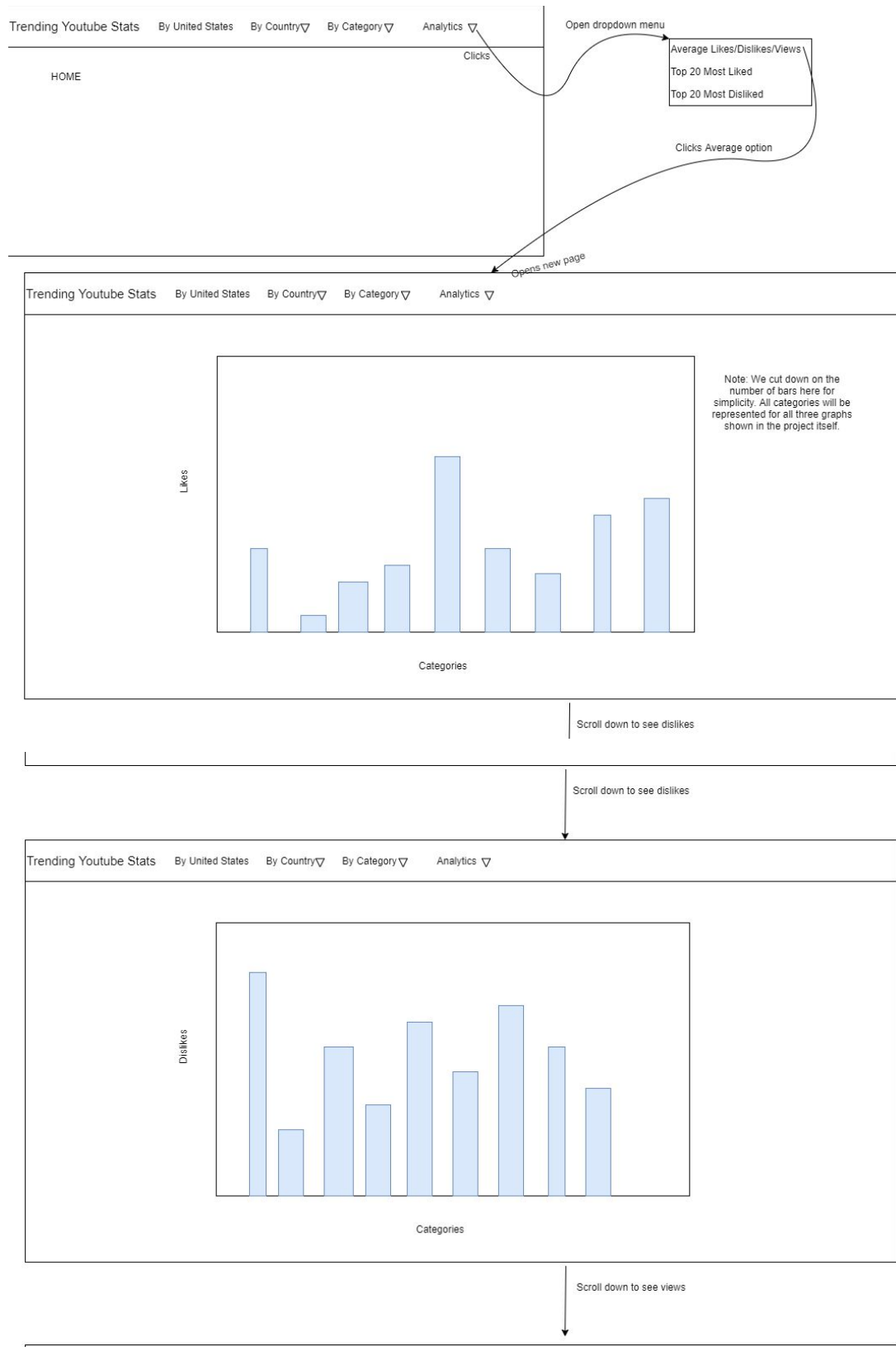
Hackerman - Lab 4 Artifact

Features to Implement in Next Sprint :

1. Top 20 Most Liked
 - a. Feature 1: As a user, I want to analyze the Top 20 most liked videos based on the country that is checked (US by default).
 - b. Feature 2: As a user, I want to see the average number of likes out of the Top 20 most liked, based on the country that is checked (US by default).
2. Top 20 Most Disliked
 - a. Feature 3: As a user, I want to analyze the Top 20 most disliked videos based on the country that is checked (US by default).
 - b. Feature 4: As a user, I want to see the average number of dislikes out of the Top 20 most disliked, based on the country that is checked (US by default).
3. Average Number of Likes/Dislikes/Views Per Video Category by Country
 - a. Feature 5: As a user, I want to analyze the average number of likes for each video category, based on the country that is checked.
 - b. Feature 6: As a user, I want to analyze the average number of dislikes for each video category, based on the country that is checked.
 - c. Feature 7: As a user, I want to analyze the average number of views for each video category, based on the country that is checked.
4. Country Checkboxes
 - a. Feature 8: As a user, I want to filter out which videos I see by country.

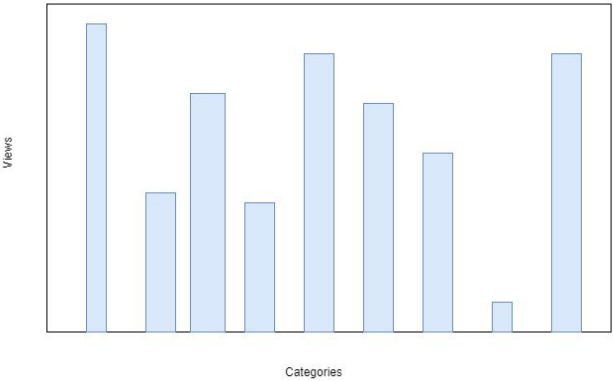
Analytics GUI Mockup

Analytics for Average Likes/Dislikes/Views:

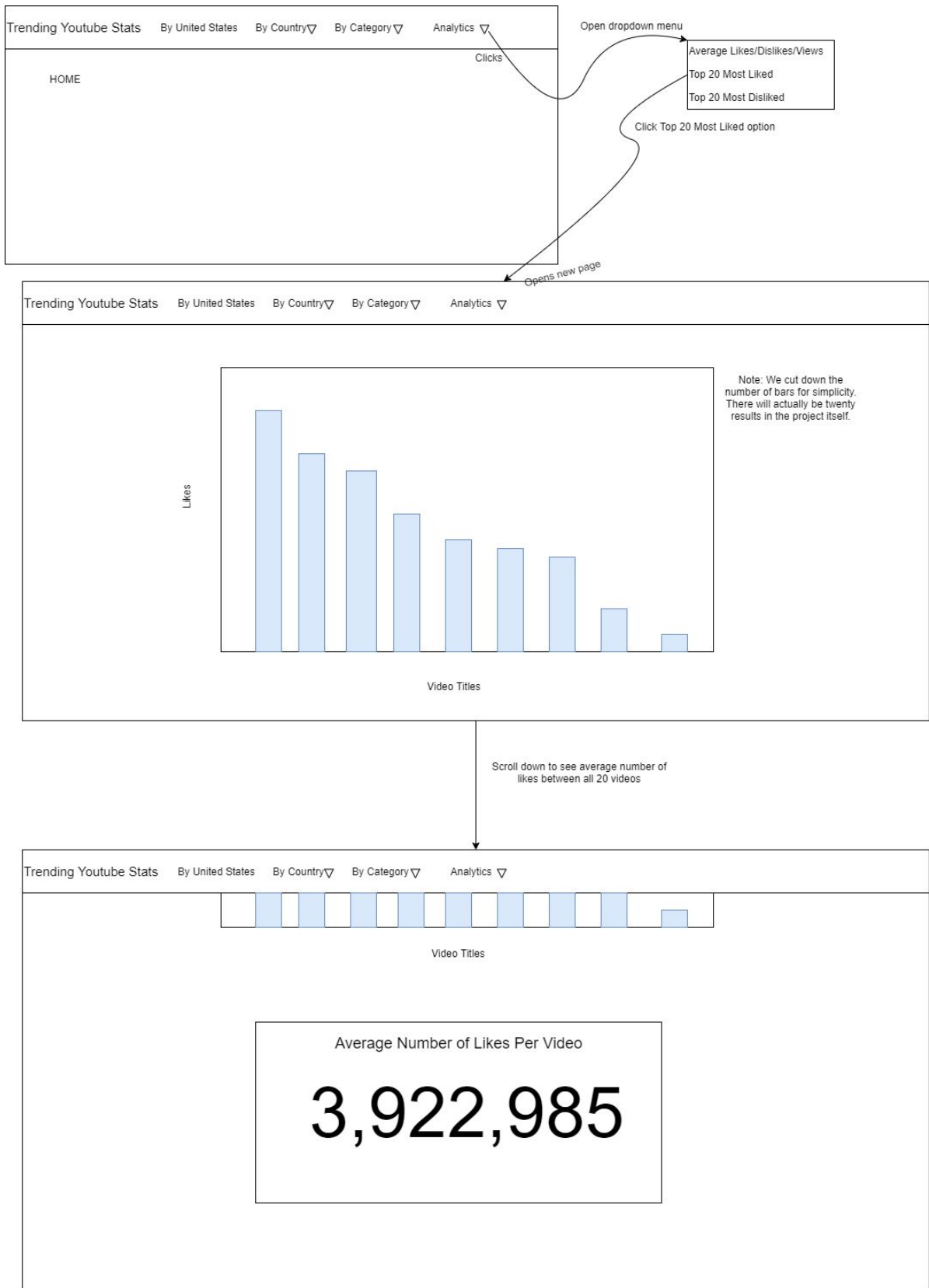


Scroll down to see views

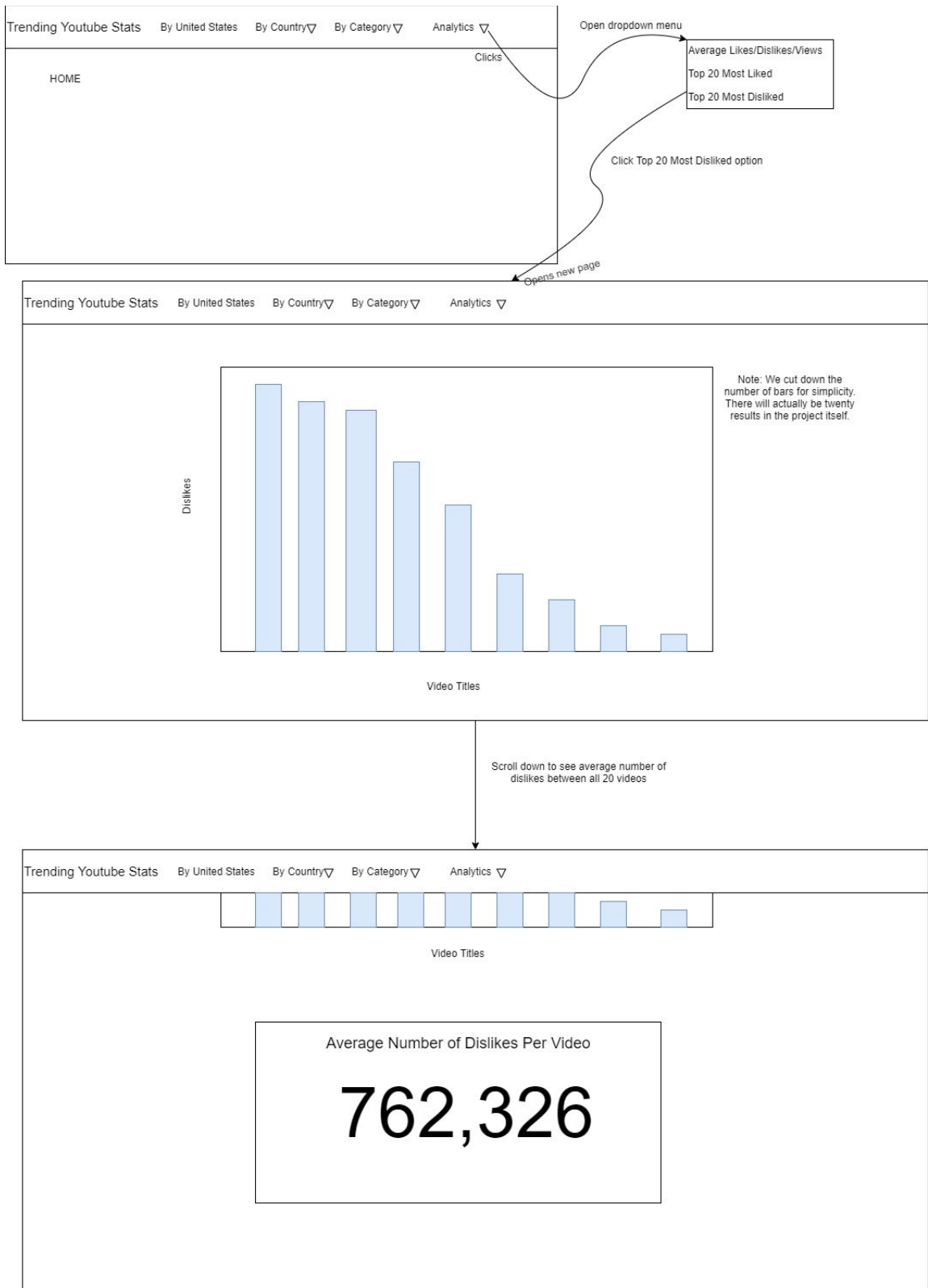
Trending Youtube Stats By United States By Country ▾ By Category ▾ Analytics ▾



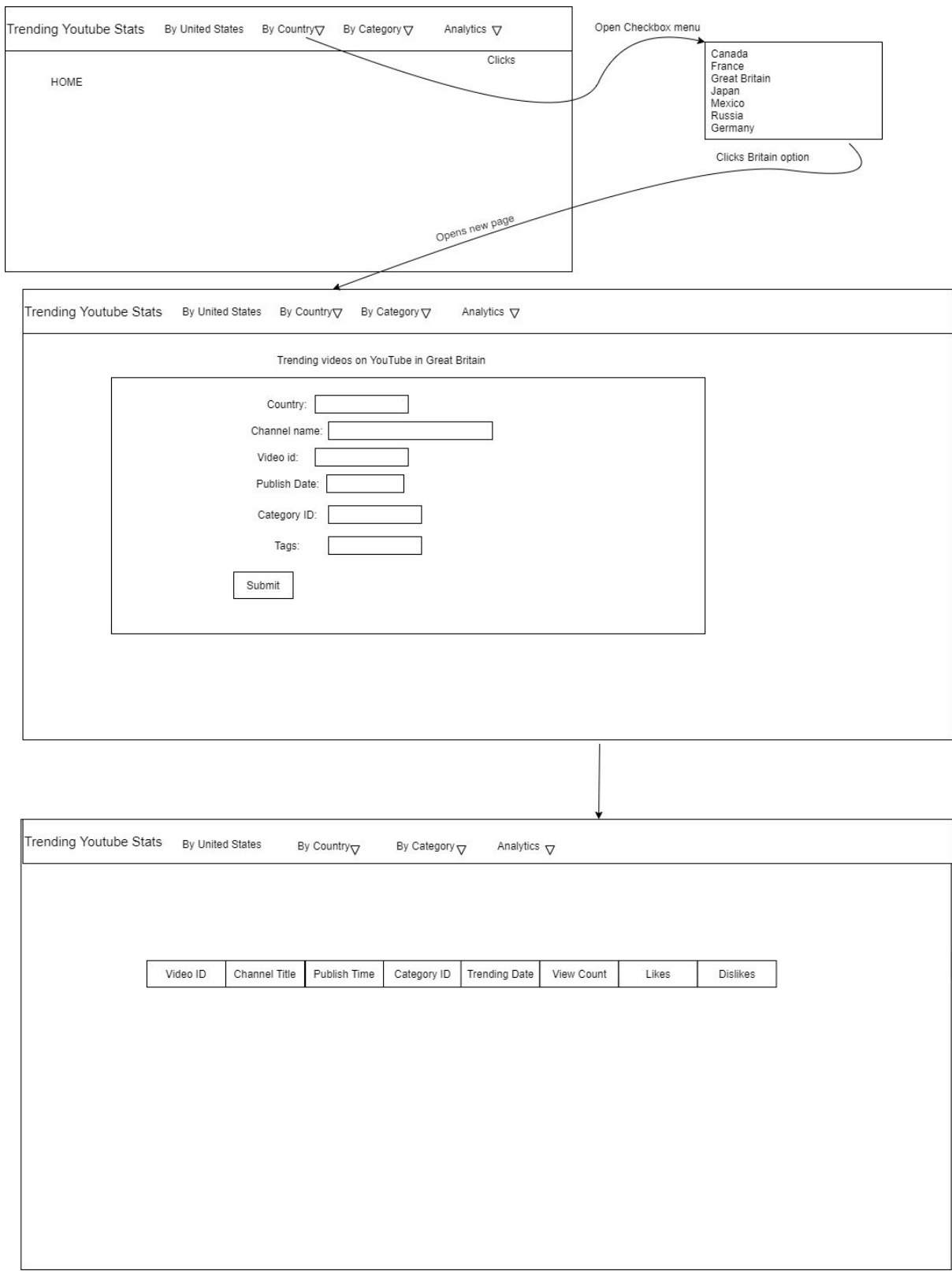
Analytics for Top 20 Most Liked Videos



Analytics For Top 20 Most Disliked Videos:



Country Checkboxes:



Test Cases

1. Feature 1 test cases

- a. Test case 1: I click the Analytics dropdown bar and click on the “Top 20 Most Liked” tab.
 - i. Correct Output: Display the Top 20 most liked videos of the US in the correct order (US is set by default) as a bar graph.
- b. Test case 2: As a user, I hover the mouse over the most-liked video’s bar.
 - i. Correct Output: The highlighted bar outputs the number of likes.

2. Feature 2 test cases

- a. Test case 1: I click the Analytics dropdown bar and click on the “Top 20 Most Liked” tab.
 - i. Correct Output: Display the correct average number of likes between the Top 20 most liked videos in a box under the bar graph. The box will have a title called “Average Number of Likes Per Video”, and underneath will be a single number.

3. Feature 3 test cases

- a. Test case 1: I click the Analytics dropdown bar and click on the “Top 20 Most Disliked” tab.
 - i. Correct Output: Display the Top 20 most disliked videos of the US in the correct order (US is set by default) as a bar graph.
- b. Test case 2: As a user, I hover the mouse over the most-liked video’s bar.
 - i. Correct Output: The highlighted bar outputs the number of likes.

4. Feature 4 test cases

- a. Test Case 1: As a user, I want to see the average number of dislikes out of the Top 20 most disliked videos of the US
 - i. Correct Output: Display the correct average number of likes between the Top 20 most disliked videos in a box under the bar graph. The box will have a title called “Average Number of Dislikes Per Video”, and underneath will be a single number.

5. Feature 5 test cases

- a. Test Case 1: I click the Analytics dropdown bar, click on the “Average Number of Likes/Dislikes/Views Per Category” option, and click “Great Britain” in the Countries checkbox.
 - i. Correct Output: Display a bar chart that shows the average number of likes for each category out of Great Britain’s videos. This chart is titled “Average Number of Likes Per Category.”
- b. Test Case 2: I click the Analytics dropdown bar, click on the “Average Number of Likes/Dislikes/Views Per Category” option, and click “Germany” in the Countries checkbox.

- i. Correct Output: Display a bar chart that shows the average number of likes for each category out of Germany's videos. This chart is titled "Average Number of Likes Per Category."
 - c. Test Case 3: I click the Analytics dropdown bar, click on the "Average Number of Likes/Dislikes/Views Per Category" option, and click "Japan" in the Countries checkbox.
 - i. Correct Output: Display a bar chart that shows the average number of likes for each category out of Japan's videos. This chart is titled "Average Number of Likes Per Category."
- 6. Feature 6 test cases
 - a. Test Case 1: I click the Analytics dropdown bar, click on the "Average Number of Likes/Dislikes/Views Per Category" option, and click "Canada" in the Countries checkbox.
 - i. Correct Output: Display a bar chart that shows the average number of dislikes for each category out of Canada's videos. This chart is titled "Average Number of Dislikes Per Category."
 - b. Test Case 2: I click the Analytics dropdown bar, click on the "Average Number of Likes/Dislikes/Views Per Category" option, and click "Mexico" in the Countries checkbox.
 - i. Correct Output: Display a bar chart that shows the average number of dislikes for each category out of Mexico's videos. This chart is titled "Average Number of Dislikes Per Category."
 - c. Test Case 3: I click the Analytics dropdown bar, click on the "Average Number of Likes/Dislikes/Views Per Category" option, and click "France" in the Countries checkbox.
 - i. Correct Output: Display a bar chart that shows the average number of dislikes for each category out of France's videos. This chart is titled "Average Number of Dislikes Per Category."
- 7. Feature 7 test cases
 - a. Test Case 1: I click the Analytics dropdown bar, click on the "Average Number of Likes/Dislikes/Views Per Category" option, and click "India" in the Countries checkbox.
 - i. Correct Output: Display a bar chart that shows the average number of views for each category out of India's videos. This chart is titled "Average Number of Views Per Category."
 - b. Test Case 2: I click the Analytics dropdown bar, click on the "Average Number of Likes/Dislikes/Views Per Category" option, and click "South Korea" in the Countries checkbox.

- i. Correct Output: Display a bar chart that shows the average number of views for each category out of South Korea's videos. This chart is titled "Average Number of Views Per Category."
8. Feature 8 test cases
 - a. Test Case 1: I click on the Countries option, select "South Korea", type in "BANGTANTV" in the Channel Name bar, and click "Submit."
 - i. Correct Output: The page should display all the videos by channel "BANGTANTV."
 - b. Test Case 2: I click on the Countries option, select "Japan", type in "SamFieri" in the Channel Name bar, and click "Submit."
 - i. Correct Output: There should be no results showing up on the page.

TODO List

Done list of last sprint (For sprint 3)

- Implemented analytics for average number of likes, dislikes, and views for each video category in the US
[Finished by Chris Daniels]
- Implemented search feature
[Finished by Chris Daniels]
- Implement HTML for US and Country/Countries with some CSS
[Finished by Alex and Sam]
- Implemented HTML for the country Britain
[Finished by Sam and Christian]

TODO task list for next sprint:

- Implement checkboxes to filter out countries
- Implement checkboxes to filter out video category
- Implement a page to display the Top 20 most liked videos in the US/by country
- Implement a way to compute the Top 20 most liked videos in the US/by country
- Implement a page to display the Top 20 most disliked videos in the US/by country
- Implement a way to compute the Top 20 most disliked videos in the US/by country
- Implement a page to display the average number of likes, dislikes, and views for each video category by country
- Implement a way to compute the average number of likes, dislikes, and views for each video category by country