

# Hackerman - Lab 3 Artifact

(\*Strikethrough just means we are thinking about it.)

## Features

1. How does the number of likes compare between nations?
2. How does the view count compare between nations?
- ~~3. For how long YouTube videos are trending? \*~~
- ~~4. How are recommended videos decided? \*~~
- ~~5. What makes a video trending on YouTube? \*~~
6. What kind of channels are popular in different countries based on subscriber count?
- ~~7. Which YouTube channel made people react the most? \*~~
8. What categories trend in each country?
9. For the trending videos which have the most likes and dislikes?
10. Which country has the more active comments sections?
11. How long did a video go from published to trending?
12. Which country disables comments more?

## Test Cases

- **Feature 1:** How does the number of likes compare between nations?
  - As a user, I would like to see which country is more likely to like a video
- **Feature 2:** How does the view count compare between nations?
  - As a user, I would like to see which views counts are much higher between nations.
- **Feature 6:** What kind of channels are popular in different countries based on subscriber count?
  - As a user, I would like to see which channels are the most popular based on subscribers.
- **Feature 8:** What categories trend in each country?
  - As a user, I would like to see what categories of videos are trending.
- **Features 9:** For the trending videos which have the most likes and dislikes?
  - As a user, I would like to see what different types of videos are trending that have the most likes and dislikes.
- **Features 10:** Which country has the more active comments sections?
  - As a user, I would like to know which countries have more active community activity in regards to videos.
- **Feature 11:** How long did a video go from published to trending?
  - As a user, I would like to look at how long it takes for a video to go trending.
- **Feature 12:** Which country disables comments more?
  - As a user, I would like to see which country has a higher likelihood of disabling comments.

## TODO(things done from last sprint)

- Create a project with React front-end and Express API.
  - Chris Daniels and Alexander Ku
- Create a Homepage. Create a Title of the Homepage.
  - Sameh Fazli
- Create an Information page
  - Sameh Fazli
- Create a NavigationBar
  - Sameh Fazli and Christian Campos
- Create US button and World Button
  - Sameh Fazli and Chrisitan Campos

## TODO(For sprint 3):

- To do before Sprint 3
  - Parse CSV files in Express
  - Create US page
  - Create form to take video\_id as input (example: 2kyS6SvSYSE)
  - Create form to take category\_id as input (example: 22)
  - Create form to take tags as input (example: "gmm", "trump", "last week", etc)
  - Add a youtube logo picture
  - Change title name to "Trending Youtube Video Statistics"
- If time allows (for sprint 3):
  - Create filter check box for comments\_disabled
  - Return data according to form inputs
- For later sprints:
  - Create a insert,delete and update option
  - Create World page
  - Create category page
  - Store CSV file into txt files
  - Back-up CSV files
  - Filter dataset and send for download