ReplyTube

Emiliano Aguilar and Manvir Dhillon

System Description

- ReplyTube is a browser extension/website
- Extension contains:
  - Direct link between YouTube and ReplyTube
- Website contains:
  - Login system
  - Comments
  - Like function
  - "Sorting function"
  - List of videos for demonstration
- Video page displays information
- What is our goal?

Use Case Description

- The three main components used to make our project are MySQL, phpMyAdmin, and PHP.
  - HTML and CSS are for formatting

Project Links

- ReplyTube
- https://github.com/YouTube-Comments-Extension

MySQL

- We used MySQL as our database creation tool

phpMyAdmin

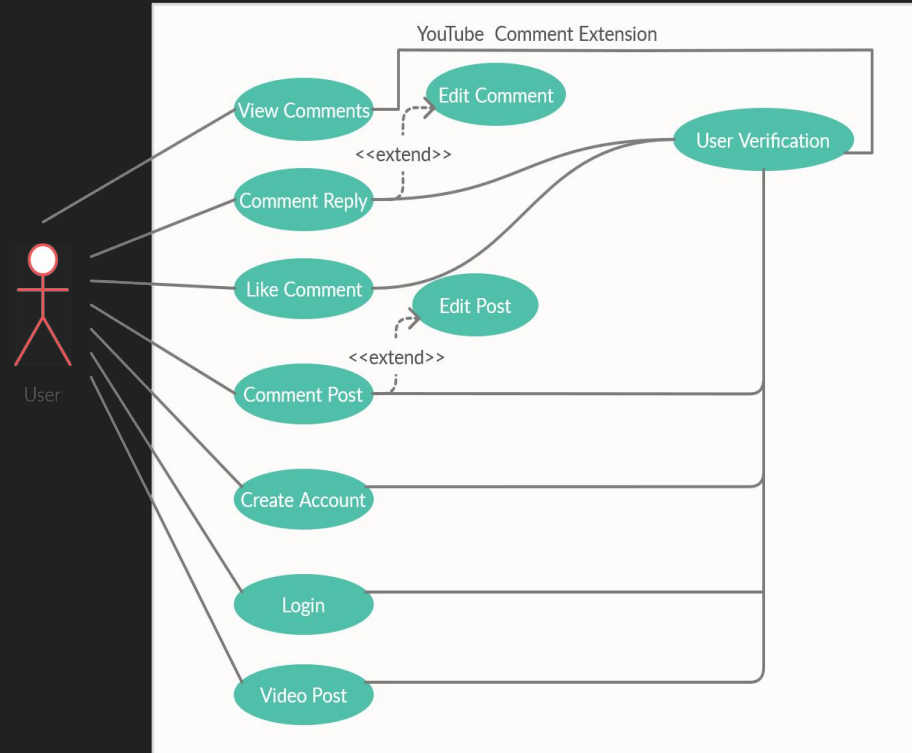- We used phpMyAdmin to populate the database with user inputs

PHP

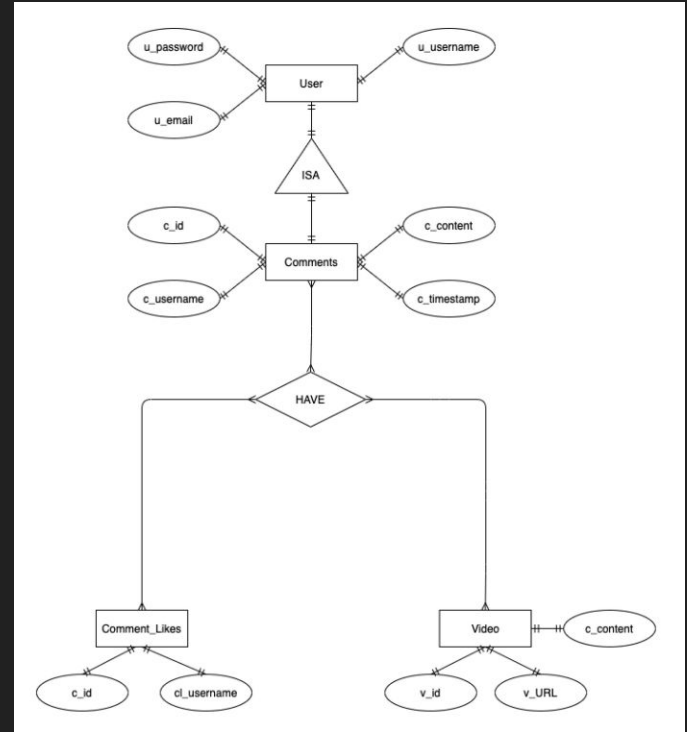- PHP was used as our means of communication between the website and the database itself

Use Case Diagram

- Our main points of concern are:
  - Logging in
  - Commenting
  - Liking Comments
  - Replying to Comments
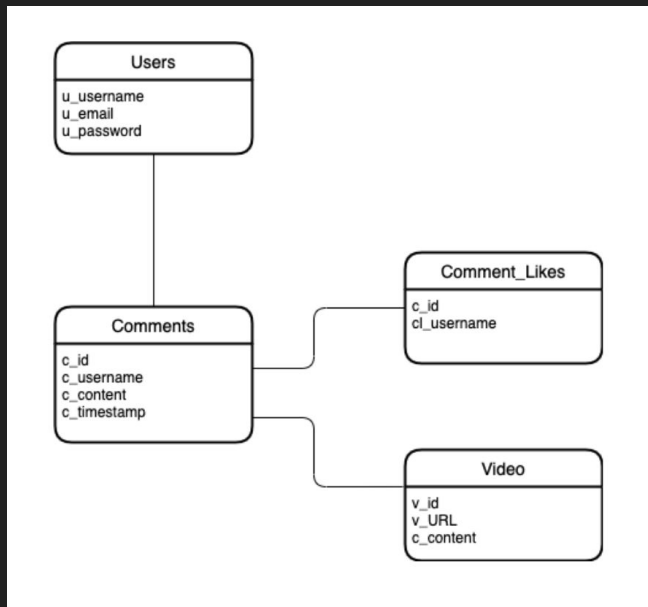
E/R Diagram

- Our main components of concern are:
  - User id
  - User password
  - Comment id (linked to user id attributes)
    - Video id
    - Video URL
    - Comment likes

Relational Schema

- Our main components of concern are:
  - Users
    - Comments
      - Comment_Likes
      - Video

Implementation Details

- Database holds information (id, username, password, tokens, etc.)
- We query with PHP which connects to our database (MySQL, phpMyAdmin)
- The extension will direct user to our website
- Website uses login system for comments to work
- Extension is only available for Chrome

Demo