Section and Group number/Project name here

CS 174 Final Project

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CS 174

Group 7

Section 1

(Final) Milestone 2

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# 

# Checklist (UnCheck those that were not FULLY completed)

|  |  |
| --- | --- |
| X | **A.    Data correction and preparation** |
| X | A.1 Follow the fun\_video\_all.sql format to integrate 10 given martial arts sql files into one. |
| X | A.2 Remove videos not satisfying the needs |
| X | A.3 Correct any discrepancy in videos. |
| X | A.4 Correct and/or add tags to better characterize videos |
| X | A.5 Provide script(s) to allow users to retrieve and correct video information |
| X | **B.    Login/Registration module** |
| X | B.1 Add a registration that takes on user id (email) and password |
| X | B.2 An authentication (login) page to allow registered users to login. |
| X | B.3 Password check has to be enforced to ensure a minimal of 8 characters and at least one number and one letter are in the password entered. |
| X | B.4 Upon login, users should be directed to a webpage with his/her favorite videos as well as links to change profile and password. |
| X | B.5 Upon logout, users should be brought back to the startup page as described in C. |
| X | **C.   Startup page requirement** |
| X | C.1 A slideshow of selected martial arts video that show the highlighted of the action and lasts for 10-15 seconds each. The entire screen must be filled with the slideshow similar to [http://www.sjsu-cs.org/classes/cs174/bonushw/funvideo/view.php (Links to an external site.)](http://www.sjsu-cs.org/classes/cs174/bonushw/funvideo/view.php" \t "_blank) |
| X | C.2 All menu links to other features should be listed on top or left. |
| X | C.3 Randomly selected or rotating 3-5 recommended videos should be displayed below the slideshow as a row of icon images. Upon selection, the selected recommended video should be played in sizes no smaller than that of youtube default play console dimension. |
| X | C.4 Provide a search box that allows users to use keywords to locate related videos. It should be located near the bottom or the top of the slideshow console. |
| X | C.5 Allow users to find videos matching an AND combination of different selected parameters on highest resolution, view count, video length, language, video type, and martial arts category. The matching videos should be return in a format described in C.6. |
| X | C.6 Show 10 or fewer videos per page for matching videos. Use pagination to allow users to navigate to the rest of the videos. |
| X | **D.   Favorite videos** |
| X | D.1    For videos shown to the user, allow user to select and mark them as a favorite video. |
| X | D.2   Session should be used for this personalized feature. It should require login so different user can have different favorite video list |
| X | D.3   Display 3-4 favorite videos on user’s homepage upon login as describe in C.3. Each of the favorite video icon image should open up and play the Youtube video in youtube playback console dimension or bigger upon selection. |
| X | D.4 Allow logged in users to view and unselect all his/her favorite videos. |
| X | **E.     Server-side script hosting** |
| X | E.1 Host your final work under http://www.sjsu-cs.org/classes/cs174/sec2/lastname/milestone2/  (or sec2) Do not create subfolder to host your code under the give link. Simply put your code directly under the milestone2 folder. |
| X | E.2 Your startup page should be http://www.sjsu-cs.org/classes/cs174/sec2/lastname/milestone2/  (or sec2). In other words, use index.html or index.php as your startup webpage. |
| X | E.3 Your work has to run well under Chrome and Firefox in the websites assigned by the instructor as shown in B.1. Features that require PhP version newer than 5.4 should not be attempted. |
| X | **F. Compose technical reports and participate effectively in technical discussions** |
| X | F.1: Provide a technical report by following the report template, under your CANVAS ACCOUNT ->Modules->HW and Team Project. |
| X | **G. Peer evaluation**: Upload confidential evaluation form to your CANVAS account and provide web-based peer evaluation for your team members. |
| X | H. Provide a checklist exactly as shown on first page of the sample report that lists all technical requirements A-H and check off only those that are fully accomplished (double penalty for false claims). |
| X | **Bonus (if attempted and how many movies were entered)** |

# Individual Contribution Summary

|  |  |  |
| --- | --- | --- |
| Student Name | Technical part | Report drafting |
| Tom Croft |  |  |
| Avi Dey | * Full screen video slideshow on homepage * Display suggested videos on homepage |  |
| Robert Lee |  |  |
| Johan Hestenes |  |  |

Bonus part:

Total number of matching movie collected and entered: ??

Students who collaborated on this bonus part: XXX, XXX, XXX

# Introduction

What domains were used as the video data for this project.

Wing Chun

What languages and tools were used and why use such to accomplish what?

We used mysql to query the videos, php to build the website’s front end and backend, css was used to organize the look and feel of the webpages and javascript was used to accomplish certain tasks on the website such as the homepage’s video slideshow.

What to expect from this website as a user?

Users should expect an easy way to view Wing Chun martial art videos. They will be able to easily view suggested videos and sort videos by various categories.

# New skills learned and applied to this project

For this project, there were a lot of skills we needed to learn on the fly to get this website running. Some of us did not know how to work with MySQL or databases. Learning how to query databases was an essential skill to have to complete this project. Working together as a team on a project of this scale was something not many of us knew how to do. We used git to keep track of different versions of our website and milestones. Being able to use a real word technology like git was vital to our success in this. We were able to learn how to implement cookies and sessions in a useful way that would actually be beneficial to the end user. Working with javascript to perform certain tasks such as creating a video slideshow was something we had to learn on the fly.

# 

# Website Deployment

MySQL:

URI: <http://www.sjsu-cs.org/classes/cs174/sec2/lastname/phpmyadmin/>

Database: xxx  
User: xxx  
Password: xxxxxxx

WWW:

URI: http://www.sjsu-cs.org/classes/cs174/sec1/croft/milestone2/php/index.php

Testing accounts:

General User1: **ID**: [admin@email.com](mailto:admin@email.com) **Password**: adminpword1

Admin: **ID**: [user@email.com](mailto:user@email.com) **Password**: userpword1

Special notes: (if any)

# Data preparation and description

Describe how you prepare data and validate data…

# Database Tables Details

Show the data table format/structure here…

|  |  |
| --- | --- |
| Table: accounts. Store user information.    Table: coursedetails. Store professor’s information about a course.    Table: enrolled. Courses that a specific user enrolled.    Table: subscriptions. Store the category subscripted by a specific user. | Table: course\_data. Store course information.    Table: ratings. Rating information about course. |

# Integrating 10 martial arts sql files into one

Describe how you achieve this…

Show the workflow with narrated screenshots.

# Cleaning and labeling of data

Describe how you cleaned up the data and tag them…

# Video data input and modification

Show how your scripts allow admin to input and modify video data with narrated screenshots:

### Login/Registration

### Registration password check

Describe in narrated screenshots how your password check work.

Show the the technical mechanism behind your password check.

### Login and logout

Show the workflow with narrated screenshots on your login and logout process here.

## Startup page

How your startup page design look like and show what is what on screenshot with matching narration.

Here on the left we can see that …. Then on the right we see that ….

Menu items include …

### Favorite/recommended videos

Show a screenshot on how a row of icon images display recommended videos or favorite videos when logged in. Describe technically how you accomplished this.

### Video search

Describe how your search box work technically and what it is searching against.

### Browse by selected category

Show how users can selectively find a summary list of videos matching the categories selected.

Show how you display 10 videos per page and allow users to view the rest by pagination.

## Favorite videos

### Selecting favorite videos

Show your workflow of how logged in users can select favorite videos and technically how you accomplished this.

### Deselect favorite videos

Show how logged in users can deselect favorite vidoes with a workflow of narrated screenshots.

### Testing with web browsers

Show with matching screenshots how your work look like under Firefox and Chrome (indicate versions) as hosted under instructor (not yours) server.

### Bonus Feature

## Chinese Kung Fu Movie Youtube videos

1. Once Upon A Time In China 3

: <https://www.youtube.com/watch?v=IoqeigEzw7w> 720p, 117100 view counts

1. …
2. …