

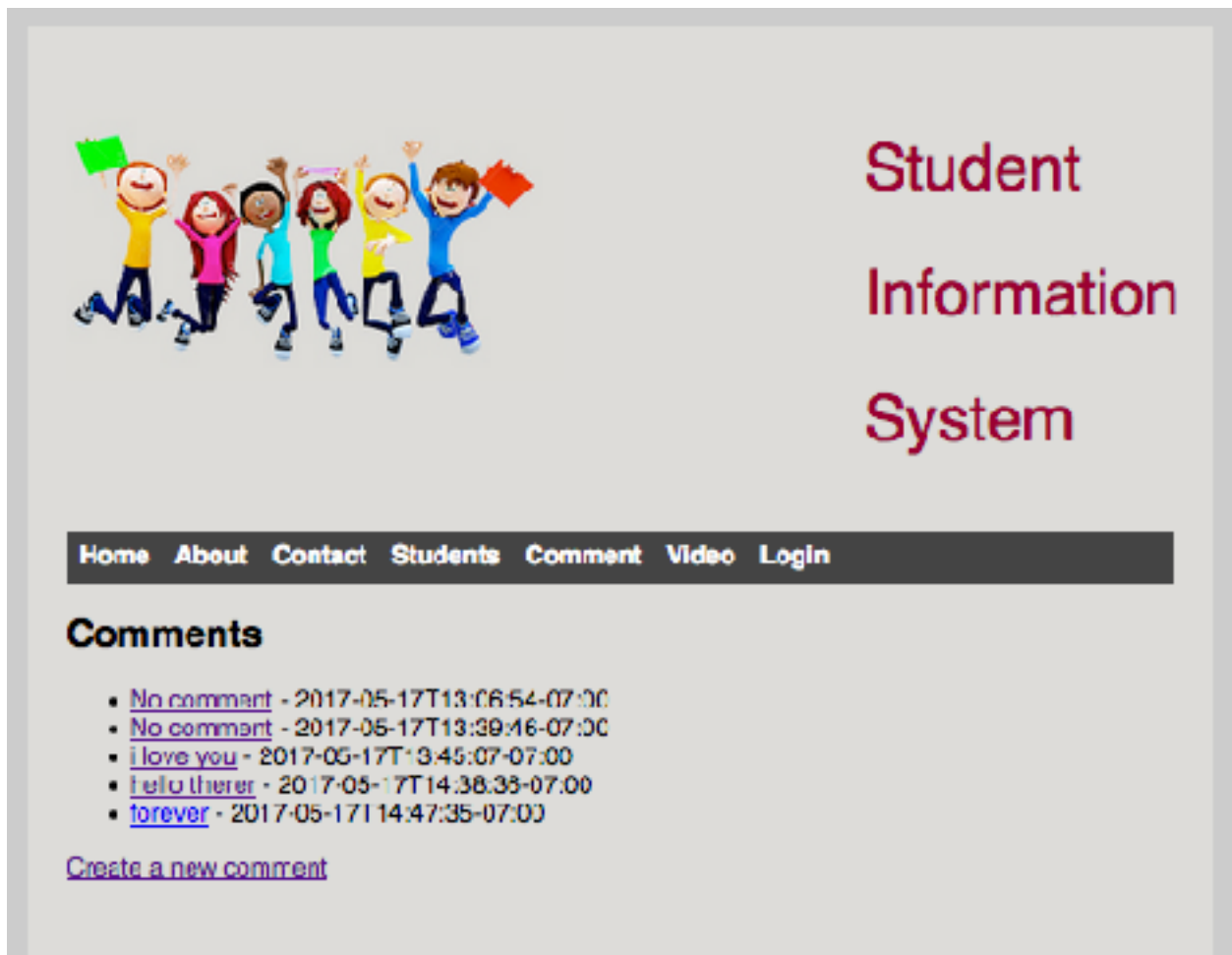
## Assignment#3 -sinatra

2018/05

The goal of the assignment, is to create a web site using Sinatra.

This application will be similar to the Songs of Sinatra application explained in class (sample code will be posted as part of the assignment information). Instead of creating a web site of songs, you are creating a website of student information.

Basically, you will create a application similar to this snapshot:



So there are 2 parts:

**Part 1.** You create these 4 functions: students, comment, video, login/logout

**For students**, the application will be able to:

- show all of the students, and with "add new student" button on the same page, and click each student will display information for this student
- for each student info, be able to go back to list of student, click edit button to edit this student and click delete button to delete this student

You need to create a student table for student information. It should have student firstname, lastname, birthday, address, student id, and other properties you like.

**For comment**, the application will be able to:

- show all the comment (with timestamp)
- create new comment
- show a specific comment (by clicking on it), with name, time created, and comment content

You need to create a comment table for comment information. It should have name of the person, comment. You need also create more route handlers.

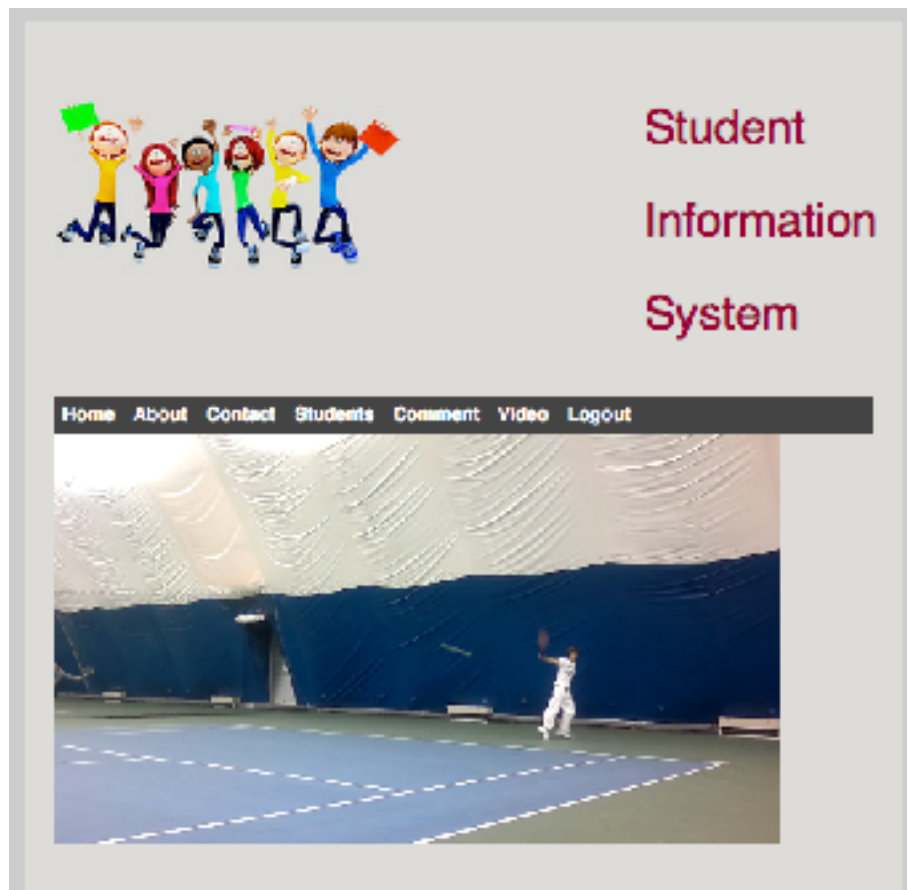
For timestamp, create a "created\_at" property, Sinatra will automatically fill this field with time when the comment is created.

**For video**, check out html 5 <video> tag, then find a .mp4 file, put it in your public folder so that when you click "video", it will go to video page and be able to play the video.

**For login/logon**, follow the content on slide, and create a login form view (similar to the one on slide), then for create/edit student, you need a authorized person to be logon. If the authorized person is not logged on, then send the login view to the browser.

When a person is logged in, the menu turn into logout.

Something like the snapshot below:



## **Part 2. Deploy your application to Heroku**

Follow the deployment procedure on camino, deploy your application to Heroku server.

### **Other requirements:**

- Use erb template
- Check out different situations when running your program, make sure your program behave normally. like for example, when creating a new student, what is going to happen if you do not enter student name or other fields. What if you submit a empty comment.
- Write program comment
- Provide a link of your deployed application.