

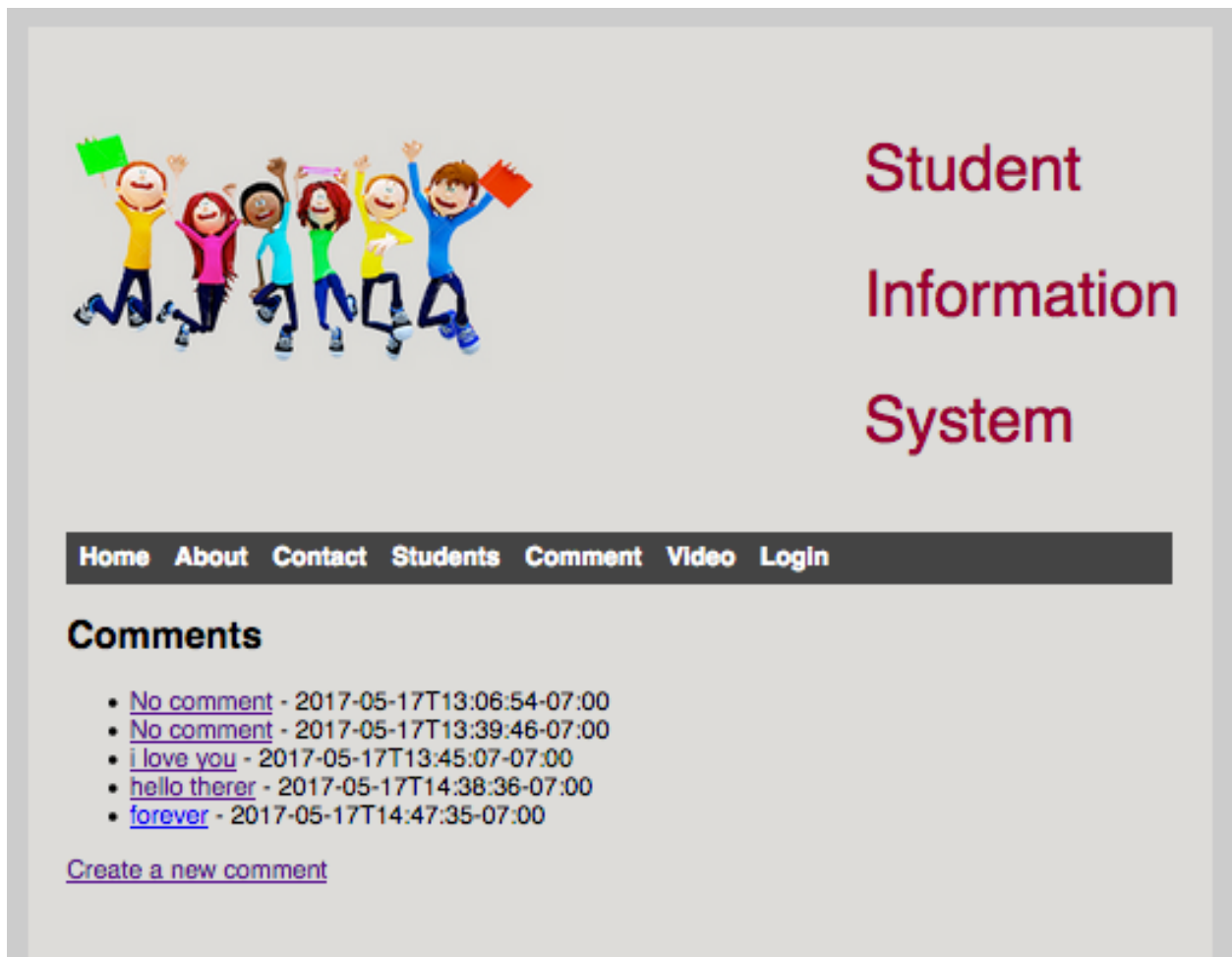
## Assignment#2 -sinatra

2019/05

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. 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 should have functions shown in the diagram (see separate diagram file)

- show all of the students, add new student, show each students info. Edit each students, delete 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.

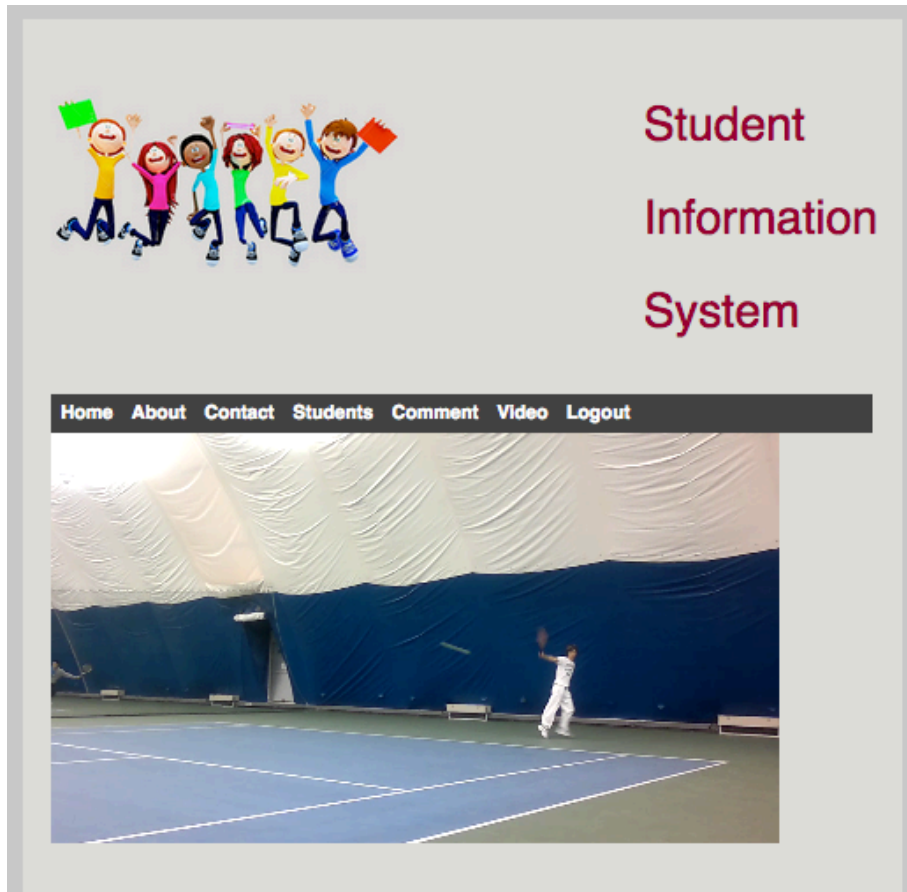
**For video**, check out html 5 <video> tag, then find a .mp4 file, put it in your public folder so that when you click “video”, it will go to video page and be able to play the video.

**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.