

CS144

Web Applications

Discussion Session 1

Slides based on Chu-Cheng Hsieh guidelines



Logistics

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- ◆ **Office Hour** on **Wednesday**, from 11:30 to 12:30 hrs., in BH 2432
- ◆ Appointments in the **Magix Lab** (*Computer Graphics and Vision Lab*), in BH 3815
- ◆ **General and private questions?** Use our Piazza forum
- ◆ **Individual questions?** Send me an email
- ◆ You may attend any of the different discussion sections! (1A – 1D)

About Discussion Sessions

- ◆ Who am I?

- ◆ *Computer Graphics | Graphic Designer | Web Developer*

- ◆ My role as your (T)A

- ◆ *Think I'm another classmate you can ask for help when you have concerns about this class (or anything else)*

- ◆ What do you expect from Discussion Sessions?

- ◆ *You're answer here*

Our Piazza Forum

<https://piazza.com/class/i323med9me2qt>

The screenshot displays the Piazza forum interface for the CS 144 course. The browser address bar shows the URL <https://piazza.com/class/i323med9me2qt>. The page header includes navigation links for 'polls', 'hw1', 'hw2', 'hw3', 'hw4', 'project', 'logistics', and 'other'. The main navigation bar features 'PIOZZA', 'CS 144', 'Q & A', 'Resources', 'Statistics', 'Manage Class', 'Piazza Careers', and a user profile for 'Luis Ángel'.

The sidebar on the left contains a search bar and a list of posts categorized by 'Pinned', 'Today', and 'Yesterday'. The main content area features a 'Class at a Glance' summary with the following statistics:

- 27 total posts
- 62 total contributions
- 14 instructors' responses
- 6 students' responses
- 11 min avg. response time

Below the statistics is a 'Student Enrollment' progress bar showing 154 enrolled out of 200 (estimated).

The 'Piazza Careers' section is titled 'Connecting you with companies you care about' and includes a button to 'Update your job status'. Below this, there is a section for 'Explore companies on Piazza Careers' with the following listings:

- Yext**: New York, New York, 300 Employees. Yext sells online software that help brick-and-mortar businesses sync data— phone numbers, addresses, operating hours, etc.— across 46 Web services, including Facebook, Yahoo! and Yelp.
- Sift Science**: San Francisco, CA, 27 Employees. Sift Science offers large-scale machine-learning technology services that help e-commerce businesses detect and fight fraud.
- Shopify**: Ottawa, Canada, 500 Employees. Shopify is an e-commerce platform allowing anyone to sell products online at their retail locations. Shopify currently powers over 100,000 retailers, including: Tesla Motors, Gatorade, Google, Wikipedia, and
- Box**: Los Altos, CA, 1,100 Employees. Box is an online file sharing and cloud content management service offering unlimited storage, custom branding, and administrative controls.

Our Piazza Forum

- ◆ Post your general questions for other classmates to also see them.
- ◆ Send private messages to “instructors” when:
 - ◆ There’s a personal issue to discuss.
 - ◆ You want to clarify on your grades.
 - ◆ Etc.
- ◆ If you don’t want Prof. Cho or the other TAs to see your message, you can always send me an email or come to my office 😊

Our Piazza Forum

- ◆ Make clear questions
 - ◆ Include as much details as possible (I can't see your screen).
 - ◆ Be specific.
 - ◆ Do not post your code in the forum
 - ◆ It is against the Academic Integrity Rules, since you would be sharing your solution to anyone.
 - ◆ Do not send code to any of the TAs, Prof. Cho, or any of your classmates
 - ◆ We cannot debug your work.
 - ◆ Projects are designed for you to know how to BE PATIENT, DILIGENT, and SELF-LEARNER

Projects

They make up **60%** of your grade

- ◆ **There is only a final exam**, that is worth 40%.
- ◆ Projects will be (very likely) graded by someone else
 - ◆ So please follow the directions on the specs!
- ◆ If you want to appeal your grade or want a detailed explanation
 - ◆ Contact grader.
 - ◆ If the problem is not solved, contact your TA.

Projects

◆ Rule 1

- ◆ Test your submission in the Virtual Machine (VM).
- ◆ *Advice*: locate ALL your work in the “vm-shared” directory.
- ◆ If your *.zip project archive and scripts **do not run**, you get a **zero grade 0**.

◆ Rule 2

- ◆ Use your 4-day grace period wisely (no more than 2 days per project).
- ◆ If you need more days, contact Prof. Cho or your TA
 - ◆ Any additional day costs you **20% off** your grade.

Projects

◆ Rule 3

- ◆ You may work in a 2-person team to reduce the programming load.
- ◆ If your team dissolves, you cannot team up again.
- ◆ If you submit your work individually for project X, you cannot submit a team-work until project X+1.
- ◆ If you and your partner submit independently, the final grade will be the minimum of both (minus another penalty of 10%)

◆ Rule 4

- ◆ You can submit more than once. CCLE will keep only the last archive.

Projects

◆ Rule 5

- ◆ Include a **README.txt** file whenever you think appropriate, or if you are required to do so (in the specs).
- ◆ Your README.txt may contain
 - ◆ Anything you want the reader to take into account.
 - ◆ Acknowledgement of included work that is not from your authorship.
 - ◆ Answers to any questions given in the specs.

◆ Rule 6

- ◆ Submit your work through **CCLE** --- No emails with your code attached to them will be accepted.

Review

Week 1

- ◆ How does a browser connects to a server and gets you a web page?
- ◆ IP | TCP/UDP | HTTP
- ◆ What is HTTP useful for?
 - ◆ Request
 - ◆ Response
- ◆ What is HTML good for?
 - ◆ Tags
 - ◆ Text
 - ◆ Comments
- ◆ What is CSS?
- ◆ Dynamic pages and forms.