CS 3651 RGM Video / Website
Due: Sunday February 13th before 11:59pm

This is a team documentation assignment. Your team will produce a webpage and embedded youtube video that introduces your team members and demonstrates your Rube Goldberg machine.

To submit: A zip or tar.gz file that contains a directory. In the directory you should have an index.html page that is your website. (You may choose to have other pages if you want, but it is not required or expected.) Any media needed for the page with the exception of the video should also be contained within this directory or sub-directories. [I will post the directory on the class website, so keep it under 10 MB in size...]

The website must feature your Rube Goldberg machine and team members. Your website should allow a visitor to get a good idea of how your machine operates even before they view the video of it in action. You may want to include a flowchart of operation, closeup pictures of each stage, behind-the-scenes building stories, etc. The website should also embed the YouTube video that shows your machine in action.

Example project websites and videos for the Spring 2009 class can be found here:
http://www.cc.gatech.edu/classes/AY2009/cs3651a_spring/RGM/

Your video must:

- Introduce your team members

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Show each of the energy transfers or actions that your Rube Goldberg machine makes.

- Be longer than 30 seconds and shorter than 2 minutes
- Not contain any video/artwork/music/audio that is not free of copyright claims for your use on a public video hosting website. (Public domain, Creative Commons, self created, licensed.)

Your video should:
- Be indexed using the following keywords: CS3651, GaTech

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Be entertaining

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Demonstrate your machine with enough details that others could replicate many of the energy transfers. (No need to go into the source code that controls your microprocessor counting circuit, but try not to have actions happen in the video without showing what activated them.)

I suggest that you shoot several videos of your machine. One from an "overview" vantage point, and several that "zoom in" on each action. Then, splice the different views together to provide an overview + context of the entire run. Slow motion, point of view of parts of the machine, etc could also possibly enhance your video.

You may include a blooper reel if it enhances the entertainment value of your video.

Turn in procedure:

On T-Square, every team member must turn in a text file that contains the names of all team members, and the URL to link to the video. One team member should turn in the directory zip/tar.gz with the website. I would also appreciate it if that team member would submit the original source video to t-square, but this is not a requirement, especially if the file size is too large.

CS 3651 Project Video Grading Criteria

Content: _____ / 30 pts
- Includes video of project in operation. Project is clearly shown and easily understandable from the video. Shown with appropriate background or users so that a sense of scale is obtained.
- Explains (at a high level) how the project works. Does not get bogged down with technical details. (Video may present a URL at the end linking to the project webpage.)
- Team has permission to use all music/artwork/images in the video.
- May include team member introductions, shout outs, bloopers, out-takes, etc. (But should be appropriately placed, to not detract from the "technical" content.)

Professionalism: _____ / 30 pts
- Camera shots are steady (not shaking), as if shot using a steadycam or tripod.
- Edits are smooth and appropriately placed.
- Audio is clear and understandable.
- Background audio is minimized and does not detract from the video.
- Soundtrack (if any) enhance the video, and do not make voice-over hard to understand.

Entertainment Value (Draw): _____ / 15 pts
- If you stumbled upon this video on YouTube, would you keep watching it all the way through? Does it grab your attention early and not slow down until the end?
- Is the pacing of the video appropriate? Does it get boring near the middle?

Total Points: _____ / 75 pts