

Last Updated Tuesday, April 13, 2010

Links

- CMSC818G <http://www.cs.umd.edu/class/spring2010/cmsc818g/>
- Class Forum <https://forum.cs.umd.edu/forumdisplay.php?f=182>
- MyeVyu <http://mindlab.umd.edu/myevyu/home.php>
- Rover <http://www.cs.umd.edu/class/spring2010/cmsc818g/rover/>
 - Username: cmsc818g
 - Password: <Distributed in Class>
 - Do not distribute the contexts of this directory to anyone else.
 - Group usernames and passwords will be distributed later.

Device Availability

- Nokia N810
- Samsung SGH-i607
- We have one iBook available, which must be wiped if used.

Project Expectations

- We understand that the Rover server may be flaky or your system may not work completely. However, you are fully expected to understand the critical elements of your entire system and, at least, built something functional.
- All groups are expected to produce a two-page poster by the week before Maryland Day to introduce what they've done to a general audience. This will be presented on Maryland Day with full credit given to the group, as well as give you practice to be able to convey what you've accomplished to a non-technical audience.
- Groups may participate on Maryland Day, but there will only be spots for three groups at the "official" table.
 - You must have a functional project to be a part of Maryland Day (no canned demos).
 - The groups selected will be up to the discretion of Dr. Agrawala and Christian.
 - The non-selected groups can still come to Maryland Day, but we cannot guarantee you a t-shirt.
- At the end of class, a 6-8 page report must be produced.

~~Milestone 1~~ — ~~Form Project Groups and Pick a Problem of Interest~~ — ~~Thurs. 02/18~~

- At this point, you should understand the Rover examples and have run it at least once or twice.
- E-Mail Dr. Agrawala and Christian (pdf or doc/docx) the following information:
 - Project Name
 - Group Member Names
 - Each Individual Group Members Research Interests
 - 250-300 Word Non-Technical Summary of the Following:
 - The specific problem to be addressed.
 - The relevance of the problem in question.
 - How the group will approach the problem to be addressed.
 - Identify 5-6 papers which address the same, or similar, problem. These do not necessarily have to be recent.
- Project groups will be posted to the webpage at a later time.
- Your group will receive a number. When experimenting with Rover, you will receive instructions on how to log into the Rover system and the prefix you must use for all of your roots.

~~Milestone 2~~ — ~~Examining the Problem~~ — ~~Thurs. 02/25~~

- E-Mail Dr. Agrawala and Christian (pdf or doc/docx) the following information:
 - A detailed examination (one paragraph each, so for each entity, 50-100 words for each entity) of the following:
 - Each entity (users, services, etc.) involved in the system you will be building.
 - All of the relationships each entity has with one another.
 - Environmental context necessary to be useful.
- Examinations will be posted verbatim to the class webpage.

~~Milestone 3~~ — ~~Relating to Other Groups~~ — ~~Tues. 03/09~~

- E-Mail Dr. Agrawala and Christian (pdf or doc/docx) the following information:
 - A comparison with two groups which include the following:
 - Does your problem tackle a similar problem to the other groups?
 - If they are similar, what are the similarities and differences in the examination from Milestone 2?
 - If they are different from your group, how can you take advantage of the problem/solution being addressed by the other group?
 - What else should have been included by the other group that had not been mentioned in Milestone 2?
- Prior to picking the two groups, you must claim the groups you want to critique/look at on the forum in a specific thread started by Christian. Each group may only have two critiques and occurs on a first come, first serve basis. Christian reserves the right to change critique groups.
- Critiques will be posted verbatim to the class webpage. Please make sure you are honest while being respectful at the same time.

Milestone 4 — Implementation Updates ————— Tues. 03/23

- E-Mail Dr. Agrawala and Christian (pdf or doc/docx) the following information:
 - Who is currently working on what in the group? Even if someone is not implementing something, please make sure they are doing something, such as evaluating other software or doing something useful.
 - What parts of the project are going well?
 - What parts of the project are not going well?

Milestone 5 — Sharing Context ————— Thurs. 03/25

- E-Mail Dr. Agrawala and Christian (pdf or doc/docx) the following information:
 - What context are you placing on the Rover server that may be useful for other groups?
 - Please give the roots that you think would be useful for others.
 - What context from other groups, as described in Milestone 2, might be useful for you?
- The information presented will be anonymized and posted to the forum.

Milestone 6 — Maryland Day Posters/Presentations ————— Tues. 04/13

- Prepare a poster (that would fill up the length of two pages) that describes your work in a way that is accessible to the general public. Posters, with your permission, will be printed and displayed for Maryland Day.
 - We suggest using as many diagrams and pictures as possible, avoid using any text.
 - Examples: <http://mindlab.umd.edu/myevyu/posters.php>
- If you have a working demo that you can demonstrate for Maryland Day, please contact Christian by April 8th.
- If you would like to talk about your work during Maryland Day, let Christian know by April 13th.

Milestone MD — Maryland Day ————— Sat. 04/24

- Groups participating on Maryland Day must be at the tent by 9:00am sharp.

Milestone 7 — Reports ————— Tues. 05/11

- 6-8 Page Papers Due. Please use a one column format, single spaced, no bigger than 12pt. IEEE, ACM, and similar templates are acceptable.