Computer Networking 2017

Term Project

Course Term Project (1/2)

- **Goal**
  - For each team to create an interesting **networking application**
- Each team should be composed of **4 students**, assignment posted in class café
- The **networking application** should
  - include network (client/server or peer-to-peer) programming
  - be useful or/and entertaining, which can be: It could be PC/mobile, game, a utility, educational, etc.
- NOTE:
  - Several project milestones (a series of progress steps) will be assigned throughout the semester: proposal, TA meetings, final proposal, final presentation

Term Project (2/2)

- Schedule (tentative)

week	Period	Milestone
4	9/28	**Team Assignments**
7	10/17	Term Project 1st Proposal **3 min presentation** **@ 10.17 (Tue)**
7-8	10/18~ 10/30	Proposal meeting with TAs **5 min individual meeting (by appointment)**
9	10/31	2nd Proposal (**Final**): **project proposal upload in Wiki page** **(due: 10.31)**
9~13	11/20 ~ 12/1	Term Project progress (check-up by TAs) **10 min individual meeting (by appointment)**
15	12/12	**Final Presentation** **@ 12/12 (Tue)** Term Project evaluation (by prof. & TA)

Project TA Assignment

- Tasks
  - 5 minute proposal meeting (10/18 ~ 10/30)
  - Term Project progress check-up – 10 minutes (11/20 ~ 12/1)

- A반 (오전)
  - 허건영 조교 (imagineerslab@gmail.com), 황보선 조교 (sun910715@gmail.com)
- B반 (오후)
  - 허건영, 김혜미 조교 (zozon1330@naver.com)

Project Application Proposal

- You must use a remote repository to manage your team source codes

- Manage your project on your team **web site (e.g., GitHub)**

  – Make **a wiki page** and post your proposal/progress in the **web page**

  – (One of your team members) post the **URL of your page** on "TA토론방" in class café (Due: 10/31)

- Contact TAs for inquiries on GitHub and Wiki page

Cont.

- Your proposal must include
  - The title
  - Member information (+e-mail address)
  - Main goal & Brief description of project
  - Contents (in details)
  - Key features (advantages)
  - (continued to the next page) Required technology for implementation
  - Roles of each member : which person in the team is going to assume primary responsibility for which parts of the project (including the proposal, final report, and presentation)
  - Your timeline !
    - Make sure to clearly indicate how half the project will be done by the mid-term progress presentation

GitHub

- A web-based (remote) Git repository hosting service
  - **git** : distributed revision control and source code management system (c.f., subversion)
- Often used to host open-source software projects
- Provide "free" accounts
  - Should pay money for private repositories

- Must Visit : http://git-scm.com/
  - http://git-scm.com/book/ko/v2
  - Study by yourself !!
    - https://www.youtube.com/watch?v=73I5dRucCds

Sign Up for a new GitHub account

- Create a new account on GitHub for your source code management
  - Refer:
    https://www.youtube.com/watch?v=ezxRcdJ8gIM

- You have to **submit the source codes and final report of your assignment through github**
  while using class cafe for submitting PPT slides

PPT slides for presentation

- Also, prepare a PPT slides for presentation: upload to "TA 토론방" in class cafe
  - (3-min proposal) upload due: 10/16 (Mon),

    3 min proposal @ 10/17 (Tue)
  - (10-min presentation) upload due: 12/11 (Mon)
    10 min presentation @ 12/12 (Tue)

- Late upload will cause degrades (-50%)

Evaluation

- Total 136 points
  - 3-min 1st proposal + 2nd proposal: 12+12=24 pts
  - TA check-up meeting: 10 pts
  - Final Wiki page in GitHub: 22 pts
  - Final presentation: 40 pts
  - Codes/comments: 40 pts
  - Degrades for late submissions etc.