CS547-001 Network Programming, Spring 2023
Project #2 Description

I. Project Objectives:

(1) Conduct an in-depth research about a particular topic in network programming
(2) Learn the process of conducting a survey research.
(3) Learn and exercise an academic presentation

II. Project Requirements:

Phase-1: Preliminary Survey

• Using search engines, look for technical articles on four different topics in network programming (should be reasonably recent topics).

Required Submissions:

(a) A half-page summary of each topic you would like to survey on (12-point, single-line, Times font, the standard US-letter size document), which should contain the following details:

   (1) Summary of the general topic
   (2) Why you consider it a significant topic
   (3) Which specific topics in the general topics you will focus on (explain “why” you chose the specific topics)
   (4) How you can contribute to others in the course by presenting the topic in your final presentation (30 minute oral presentation at the end of this semester)

(b) References (at least four sources for each topic)

Phase-2: Meeting(s) with Dr. Fujinoki for you to propose the topics to determine which topic (out of four topics you from your “Phase 1”.

Phase-3: Initial Presentation (15-minutes presentation in the classroom)

Required Activities:

(a) Prepare your PPT presentations that summarize item (a) in Phase-1.
(b) Present your Phase-2 work in the classroom (for 15 minutes)
(c) Everyone is expected to “peer-review” others’ presentation.
(d) After all five people present, evaluate their presentation.
(e) Organize and provide your feedback to the others

**Phase-4:** Start preparing your 30-minute presentation (to be presented at the end of this semester).

Required Activity:

- Submit the mid-point progress report to Dr. Fujinoki

**Phase-5:** Final Presentation

(a) Prepare your final PPT presentation
(b) Everyone is expected to “peer-review” others’ presentation.
(c) After all five people present, evaluate their presentation.

**Required Time Line**

<table>
<thead>
<tr>
<th>Phase</th>
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| **Phase-1** | First Two: January 31 through February 7  
  Second Two: February 8 through February 15 |
| **Phase-2** | February 16 through February 23 |
| **Phase-3** | March 14th |
| **Phase-4** | Mid-point progress report on March 30th |
| **Phase-5** | April 18 and 20 |

**Grading:**

- Phase-1: 16 points
- Phase-2: 10 points (with a successful approval/agreement by Dr. Fujinoki)
- Phase-3: 0~25 points (amount of points you earn is based on peer-evaluation and Dr. Fujinoki’s evaluation)
- Phase-4: 15 points
- Phase-5: 34 points (amount of points you earn is based on peer-evaluation Dr. Fujinoki’s evaluation)