Term Paper (35%)

- Term paper
  - Each individual student conducts “literature review” and write a 4,500-word survey paper on a selected topic to summarize the related research works
    - The student can follow “Information for Authors” from https://www.comsoc.org/publications/magazines/ieee-network/paper-submission-guidelines
    - Same topic can be chosen by more than one student (comparison in assessment is expected for students choosing the same topic)
    - Reading peer-reviewed research publications is encouraged, rather than reading web articles

Term Paper: Topics

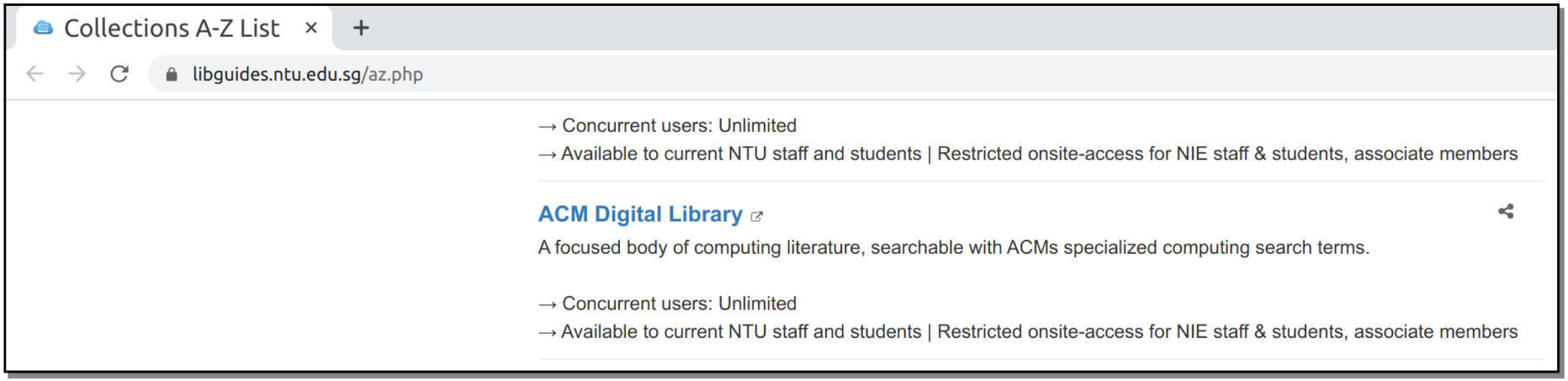
- Pre-set topics
  - Internet of Drones
  - Internet of Vehicles
  - Digital Twin and Applications in IoT
  - Edge Intelligence and Applications in IoT
  - Federated Learning and Applications in IoT
  - IoT Security
  - Blockchain for IoT
  - IoT Case Study: Singapore Context
  - Low-Power Wide-Area Networking (LPWAN)
  - Personal-Area Networks
  - IoT in metaverse
  - Applications of IoT in Singapore context
  - IoT and contact tracing

Term Paper: Topics (cont'd)

- Self-proposed topics
  - Please contact one of the instructors by email to agree on the topic first
  - When submitting the paper, attach the instructor's approval email
  - You may need some time to read relevant materials for deciding the topic. You're suggested to decide the topic no later than the end of Part I teaching, so you have enough time to read related research papers and write the survey paper.
  - Please feel free to contact the instructor if the student would like to discuss the topic.

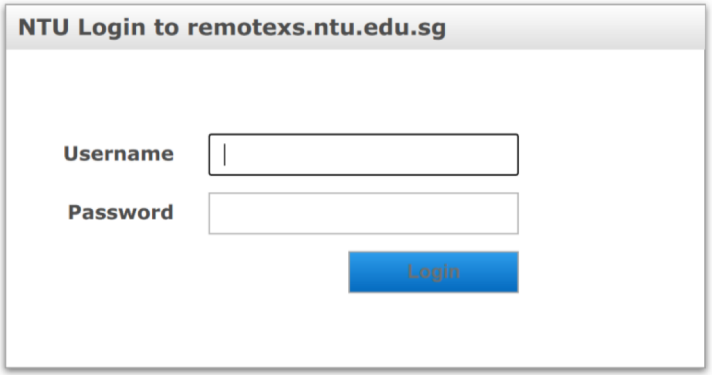
Term Paper: Access Literature

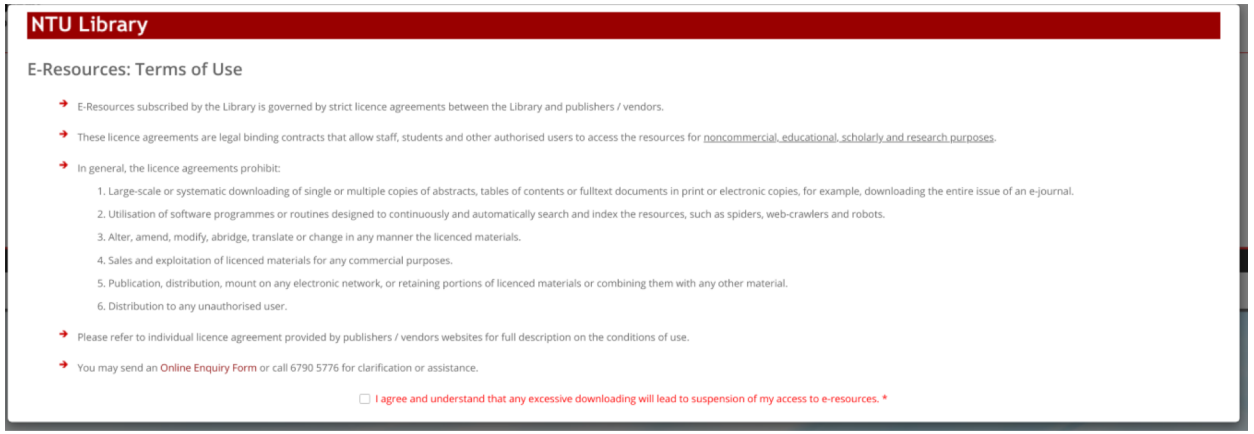
- Search peer-reviewed papers: Google Scholar
- Most computer science/engineering research papers can be found from three databases
  - IEEE Xplore, ACM Digital Library, ScienceDirect
- Step 1: visit https://libguides.ntu.edu.sg/az.php and find the database



Term Paper: Access Literature (cont'd)

- Step 2: Login using your NTU account and agree the terms of use.





- Step 3: Use the database's search function to look for the paper. You can enter the title of the paper to do the search.

Term Paper: Assessment

- Topic 10%
  - Significant, timely, impactful
- Content 40%
  - Well defined scope, comprehensive content in terms of broadness and depth
- Analytical and critical information 20%
  - Insightful analysis (e.g., comparison, open questions, and future development)
- Presentation 30%
  - Clear and logical organization, easy to understand