

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

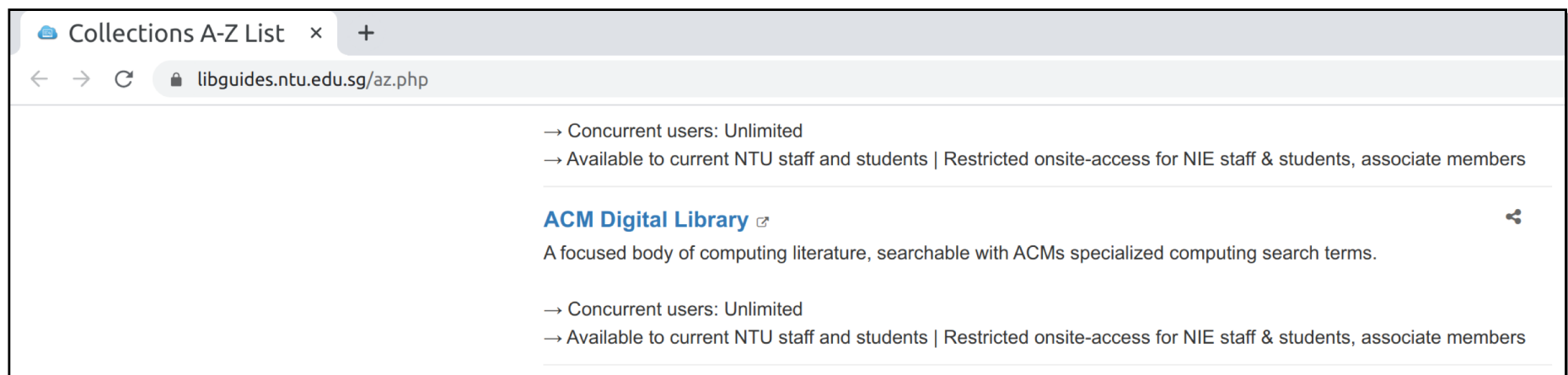
- Pre-set topics
 - Internet of Drones
 - Internet of Vehicles
 - Digital Twin and Applications in IoT
 - Edge Intelligence and Applications in IoT
 - Federated Learning and Applications in IoT
 - IoT Security
 - Blockchain for IoT
 - IoT Case Study: Singapore Context
 - Low-Power Wide-Area Networking (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.

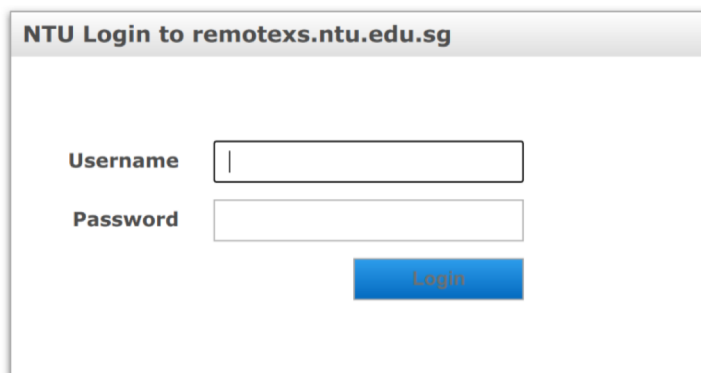
Term Paper: Access Literature

- 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)

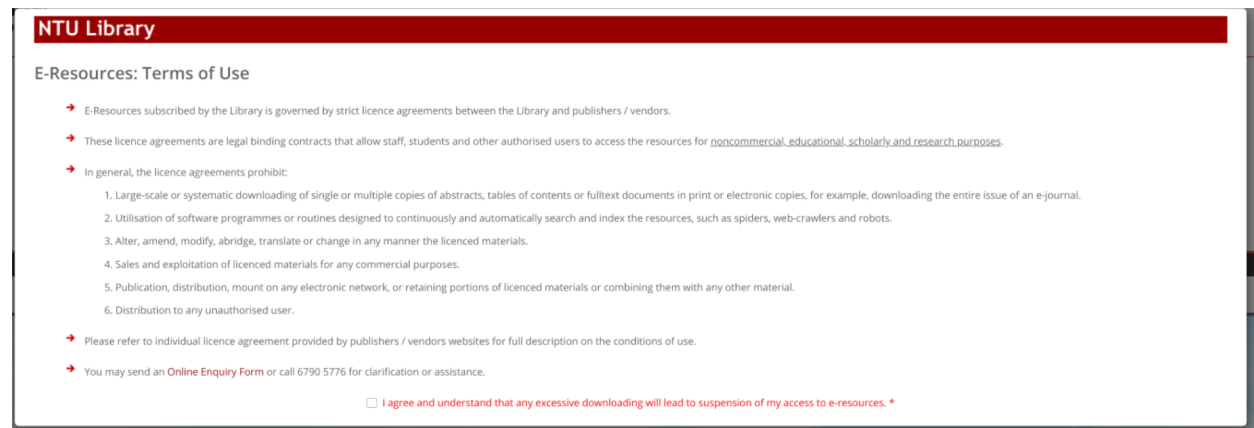
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- Step 3: Use the database's search function to look for the paper. You can enter the title of the paper to do the search.

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