

Delivery Instructions:

- Include your full name and student ID.
- Late delivery policies elaborated below.
- Submit your assignment through gradescope.

(1) **Paper review.** Due: Oct. 14, 2020 at 11:00 PM, 50% late allowed till Oct. 15, 2020 at 9:45 AM

Submit your critical review for the following paper, emphasizing and commenting on the paper research elements: problem articulation, importance, challenges, novel contributions, limitations of related work, and validation method.

"An Investigation of Grid-enabled Tree Indexes for Spatial Query Processing" Jaewoo Shin, Ahmed R. Mahmood, Walid G. Aref. In ACM SIGSPATIAL 2019, p.169-178.

(2) **Project idea and deliverables.** Due: Oct. 15, 2020 at 11:59 PM

Your project group is required to submit a brief proposal for a project idea and deliverables. The proposal should include: (a) A project category, aligned with the course outline discussed in the lecture slides. (b) A clear description for the proposed idea. (c) List of deliverables. (d) A tentative project timeline along the course period.