

## Class Participation (10% of Final Grade) – W2024

1. A group of 1-2 people.
2. The objective of this group project is **to develop a mini-proposal related to “how CFD can be used to combat the COVID-19 pandemic?”**.
3. Oral presentation and Q&A session (≈15-20 min) for each group will be scheduled on **March 20**.
4. The report for this group project should include (but not be limited to) the following info:
  - a. Title of the mini-proposal;
  - b. Name of the group members;
  - c. Objectives and pathways to impact;
  - d. Background;
  - e. Research plan and methodology;
  - f. Deliverables;
  - g. References.
5. The due date of the group project report is **March 22**.
6. Websites related to the group project are listed below:
  - a. <https://www.ansys.com/about-ansys/covid-19-simulation-insights>
  - b. <https://blogs.solidworks.com/solidworksblog/2020/04/covid-19-simulation-and-computational-fluid-dynamics.html>
  - c. <https://phys.org/news/2020-05-fluid-dynamics-covid-spreadand.html>
  - d. <https://www.youtube.com/watch?v=H2azcn7MqOU&t=29s>

