Midterm Report and Presentation

Due Date: 11:59 PM, 11/24/2025 or 11/26/2025 (Presentation)
12/01/2025 (Report)

You should create a single GitHub repository for this class and share it with the instructor (`khalidjm@seas.ucla.edu`). All homeworks, reports, presentations, and the proposal should be uploaded to this repository. Do not create a separate repository for each assignment.

Within your repository, create a folder named `proposal` and upload two files: the written proposal as `midterm.pdf` and the presentation as `midterm_presentation.pdf` or `midterm_presentation.pptx`. You may also include the source files (e.g., `.tex` files and figures), but make sure that the compiled proposal and presentation are available in the specified formats (PDF or PowerPoint) only.

To prepare your proposal, use the LaTeX or MS Word template specified in the syllabus.

Midterm Report and Presentation.
The midterm should present the progress you have made on your project to date. It may be treated as a first draft of your final report, and any material from the midterm may be reused in the final version.

Each team (consisting of one or two students) will also give a brief **2-minute presentation** in class, limited to **two (2) slides**. You may use additional slides or short video clips if necessary to convey your idea, but the total presentation time must not exceed 2 minutes.

Include (i) a clear problem statement and motivation, (ii) your progress to date with preliminary results or findings, (iii) your planned next steps and anticipated final outcomes, and (iv) any necessary background or brief literature context. You may re-use material from your proposal (e.g., literature review) in your final report.

Literature Review and References: Summarize and critically discuss related work, and clearly explain how your idea is similar to or different from prior art. Include at least **five (5)** scholarly references. Format the bibliography using a standard style such as **IEEE** or **APA**.

As stated in the syllabus, the main text should not exceed **5 pages** (excluding the bibliography). Prepare your report using the LaTeX or MS Word template specified in the syllabus.