Assignment 1: Reproducing Academic Papers

In this assignment, you will reproduce a recently published research paper. We have selected some very prestigious Human-Computer Interaction (HCI) conferences for you. You can find the assigned conference acronym in the spreadsheet. For your assigned conference, you have to find a paper that was published in that venue for the year 2025. For instance, you have been assigned "HRI", an acronym for the **ACM/IEEE International Conference on Human-Robot Interaction.** First, you will perform a Google search with the keyword "HRI 2025 proceedings" to find a page like this. Next, skim through the titles listed there and choose a paper that you seem to like (by your interest or sheer randomness). Once you have selected a paper, downloaded it, and entered the title into the shared spreadsheet. If you face any issues downloading a paper, please inform Novia (nnurain@cse.buet.ac.bd). She will download the paper for you. Everyone must choose **a different** paper. Use the "**protect range**" feature to prevent anyone from modifying your choice.

Now, enjoy reading the paper and start "reproducing it" following the instructions listed below:

1. Your reproduced paper will follow the ACM preprint single-column format. To ensure that, use the following command:
   \documentclass[manuscript,review]{acmart}
2. Copy the title, authors' information, and abstract as they are in the paper.
3. Your reproduced paper must include the following sections: Introduction, Background/Related Work, Method, Findings/Results, and Discussion. Please **do not copy** it exactly as it is, word for word, without any changes. Instead, summarize the sections based on your understanding.
4. In the case of figures in the main paper, taking screenshots would suffice.
5. In the case of algorithms/tables in the main paper, you have to reproduce them.
6. Follow the acm citation style.
7. Your reproduced paper must be at least eight pages in single-column format (without references). It must contain at least seven references and at least one table/algorithm/figure/flowchart.

Deadline for finding a paper and filling the spreadsheet: **December 26 (Friday), 2025 11.59 PM**
Deadline for submitting the assignment: **January 10 (Saturday), 2026 11.59 PM**

Submission Instructions:
1. Put your paper's PDF, your .tex and .bib file(s) in a folder named by your 7-digit student ID.
2. Zip the folder and submit it to Moodle

Although the primary goal is to ensure you learn LaTeX, we want you to know about the current exciting HCI research work. Hopefully, you will find an interesting problem space that you may want to explore further. If that's the case, we would always be happy to mentor you. :)