CSC 450, Lab Meeting #1 Rubric

Lab meetings are forums where researchers present and discuss their work, get feedback on how to improve their research and on how to overcome any obstacles that they face.

For the audience, the purpose of the lab meeting is to learn about ongoing research projects, and to stay up-to-date with questions being asked and methods and tools that are being used and developed; for the presenters, the lab meeting is a chance to make sure that their projects are on track, that the research problem has maximum impact, and that the methodology is sound. A presenter should use the opportunity to provide background about the research project, and ask questions so that their project will be improved. For example, a presenter might ask, *what tools are available for developing agent-based models?* For these reasons, lab meetings should be relatively informal and should involve lots of discussion.

Your first lab meeting presentation will consist of three components:

1. A brief description of a *research* article related to your project that includes one claim that the authors make, and the evidence that is provided in support of that claim.
2. A description of your research project that includes (1) the main objective and/or specific questions you plan to answer, if known, and (2) the general methodology you will use. If you are not sure what your objective will be at this point, then possible objectives should be stated so that we can discuss them.
3. At least 3 questions for the audience that will help you with your research project.

Presenters must do the following <u>before</u> your presentation:

1. **Submit your lab meeting through Blackboard prior to the beginning of class**.
2. **Post a "Question" on Piazza** that states your name, project idea, link to the article you are mentioning, and the questions at the end of your presentation for the audience. This will start a thread where we can discuss your article and research project. An example is below:

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Name: Garrett Dancik

Project Idea: Development of an automated tool for learning R programming

Link to article: http://dl.acm.org/citation.cfm?id=2677226

Questions:

   1. What is the best way to learn a new programming language?
   2. What programming exercises will best help you learn the concepts?
   3. What is the best way to assess someone's programming ability?
   4. Does anyone have experience creating R packages (how do you do this)?
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Research Project **100 points**

- *Title page (1 slide)* *4 points*
  - Contains a tentative title describing your research project or topic
  - Contains the date of the presentation
- *Related Work* *24 points*
  - Contains a screenshot of the article you are discussing, and the following:
    - Claim: one claim that the authors make in the article
    - Evidence: a brief description of the evidence supporting the claim
- *Background (1 slide)* *24 points*
  - Background related to your project is clearly described
- *Proposed project (1-2 slides)* *24 points*
  - The proposed research objective or question is described; or the research topic is described with possible objectives
  - Possible methods for carrying out the project is described
- *Questions (1 slide)* *24 points*
  - At least **three** questions are asked of the audience
  - The questions are designed to help you carry out or improve your project, for example by helping you determine your project's objective or methodology.

Additional Requirements

- Presentation is posted to Blackboard before class on the day of your presentation (only one group member needs to do this) [10 point deduction if not met]
- A "question" is posted to Piazza using the format on the previous page. This will start a thread where we can discuss your article and research project. [failure to do this will impact your Participation grade]