IS561: Project Proposal

(Spring 2016)

Timeline

1. Form your team.

2. Let us know your team members and project topic
   (Edit the Google Spreadsheet shared in KLMS) **due. 03/31/2016**.

3. Iterate with course instructors through email regarding your project topic.

4. Finalize your project proposal by **04/14/2016**.

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Submission   Submit your written project proposals to KLMS. The proposal *must* be in a PDF format with the following name: "IS561-YourTeamName.pdf".

Guidelines   The proposal should be a PDF document that includes: (1) motivation of your problem; (2) why the problem that you are trying to solve is important; (3) your proposed approach; and (4) expected evaluation.

In general you should use your expertise to choose an interesting project topic. Most students in this course are graduate-level students, and you should be able to apply your own expertise to find an interesting software security problems in your research domain. For example, if you are an expert in compiler, then you may want to build a compiler extension that dynamically monitors safety property of a program. If you are a system expert, you may try to build a fast and distributed malware detection system. You should also iterate frequently with course instructors before finalizing your topic.