CSC 5991 Cyber Security Practice Team Projects

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General Information

- A research project with 2-3 individuals
  - Building a new system
  - Improving an existing technique
  - Performing a large case study
- Deadlines
  - Project proposals due on Feb 24
  - Project presentations are on April 20 & 25
  - Project final reports due on April 25

Project Proposals

- A two-page description
- Title and author list
- Problem statement
  - Describe what the problem is and why it is important
- Related work
  - Write about state-of-the-art solutions to the problem
- Proposed new solution
  - Describe the plan of your proposed approach. Use diagrams or figures if needed
- Evaluation plan
  - Describe your evaluation plan. Effectiveness and performance. What tools/benchmarks/attacks/experiments? What deliverables?

Project Presentations

- Each team has 20 minutes + 5 minutes Q&A

- Two classes for the presentations

- Presentation format may include slides or demo

Project Final Reports

- 10-20 pages, single space, 12 font size

- May contain the following sections
  - Introduction
  - Related work
  - Background
  - System architecture/System design/Technical approach
  - Implementation
  - Evaluation results
  - Discussion (e.g., limitations)
  - Conclusion and future works