**Assignment Overview**

The goal of this assignment is to work in teams and for the teams to show either an ‘exploit in action’ or an ‘exploit in code’.

The assignment must be “applied” research including programming, not merely a “research” paper.

Any project/topic is permitted, though instructor approval of the topic is required. The completed work will need to be:

1. Written up in a report
2. Presented in a video presentation
3. Hosted on a secure, password-protected website i.e. your report and video need to be hosted on the website

**The project has several deliverables:**

1. Team and team role selection
2. Topic selection and approval
3. Report – a write up of your teams’ applied research
4. Video presentation of work done
5. A secure project website that hosts:

* Report
* A link to the video presentation

1. Sign-off document

**Goals**

There are a number of goals for this assignment.

1. To give you an opportunity to work in teams.
2. To allow you to explore and research a topic "beyond the classroom" related to IT security and hopefully have some fun in doing so.
3. Get practical experience preparing a report and professional video presentation (6-10 minutes). Many of you already have noticed that a good number of organizations have informational videos on YouTube rather than formal documents available on their websites. Often, you find a combination of both. This will put you in a good position to do both if so called upon.
4. Ensure you can produce materials on your topic of choice that is relevant, accurate, and logically organized, and of a standard that you would share with a future employer.

**Deliverables**

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| --- | --- | --- | --- | --- | --- |
| **Del.** | **What** | **Details** | **Submission** | **%** | **Date** |
| 1 | Team Members & Role Assignments | A document that lists the assignment of team members to roles.  **It must be uploaded to Blackboard**. | Blackboard | 1% | 11 pm, Friday, June 5th |
| 2 | Topic Selection | **It must be uploaded to Blackboard** | Blackboard | 2% | 11 pm, Friday, June 19th |
| 3 | Report | Project report.  **It must be posted on Blackboard.** | Blackboard | 6% | 11 pm, Friday, July 10th |
| 4 | Video presentation | Video presentation links placed on the website (see Deliverable #4).  **Link to video presentation** submitted by **email to the course instructor.** | Link  Email | 6% | 11 pm, Friday, July 31st |
| 5 | Website | Project website with specified security in place and hosting the report and link to the video presentation.  **Link to the website submitted** by **e-mail to the course instructor.** | Email | 5% | 11 pm, Friday, August 7th |
| 6 | Team Submission Approval | A document with the signatures of all group members giving approval for the project website, project report and project video presentation (see project documents).  **Must be posted on Blackboard**  **Note: If this is not provided, the assignment will not be marked.** | Blackboard | 0% | 11 pm, Friday, August 7th |