

# **White Hat Education Group**

## **Cyber Security Class Project Charter**

This project charter is to establish the White Hat Education Groups ability to develop and implement an extracurricular class to spread cyber security awareness. The purpose behind this project is to help students at Florida State become more aware of their personal cyber security and help them to develop good security habits. The group is doing this because, as cyber security professionals, we feel that students lack basic security understanding and on a daily basis, jeopardize their personal data and intellectual property by placing it at risk by hackers and individuals with malintent. Class material will be developed and submitted to the class sponsor for approval. The material will cover topics related to cyber security including: password security, safe internet browsing, open network practices, and personal firewall use.

The overall goal of this project is to develop class material that can be used to increase security awareness on the Florida State University campus as a whole. This is being done by a group of student cyber security professionals who feel that there a lot of free and easy means of cyber security protection that are not being utilized by students effectively. The project deliverables will include notes on how to use open source security software, powerpoints, and video demonstrations.

Our success for will be determined by the completion of class material approved by our Project Sponsor. The implementation of the material generated by this project will be done by the hand-off team at the end of the summer. This project is limited in student-teacher knowledge, a short time frame in which to develop material, relying on the hand-off team to implement the material developed as a success of this project, and open source free software.

## **Communication Plan**

Date: 6/10/2016

### **Project Name: Cyber Security Class**

#### **1.0 Introduction**

This document provides a summary of the communication plan for the Cyber Security Class. It includes a list of the main audiences for this project, the goals for each of those audiences, the method(s) used to reach of the audiences and the timing of the communications. In many

cases these communication activities will be included and described further in the project's work breakdown structure.

## **2.0 Audiences**

### **Communication with Sponsor (or other audience): Doctor Ho**

Cyber security professional teaching at Florida State University

#### **Communication Goals**

- Fulfill needs for requirements
- Keep sponsor up to date

#### **Communication Methods**

- Face to face
- Email

### **Communication with Project Team: Marco Carvallo and Tyler Lovell**

This is the team working on the project and includes Marco Carvallo and Tyler Lovell.

#### **Communication Goals**

- Relay information between sponsor
- Keep project on track

#### **Communication Methods**

- Facebook chat
- Facebook group
- Face to face

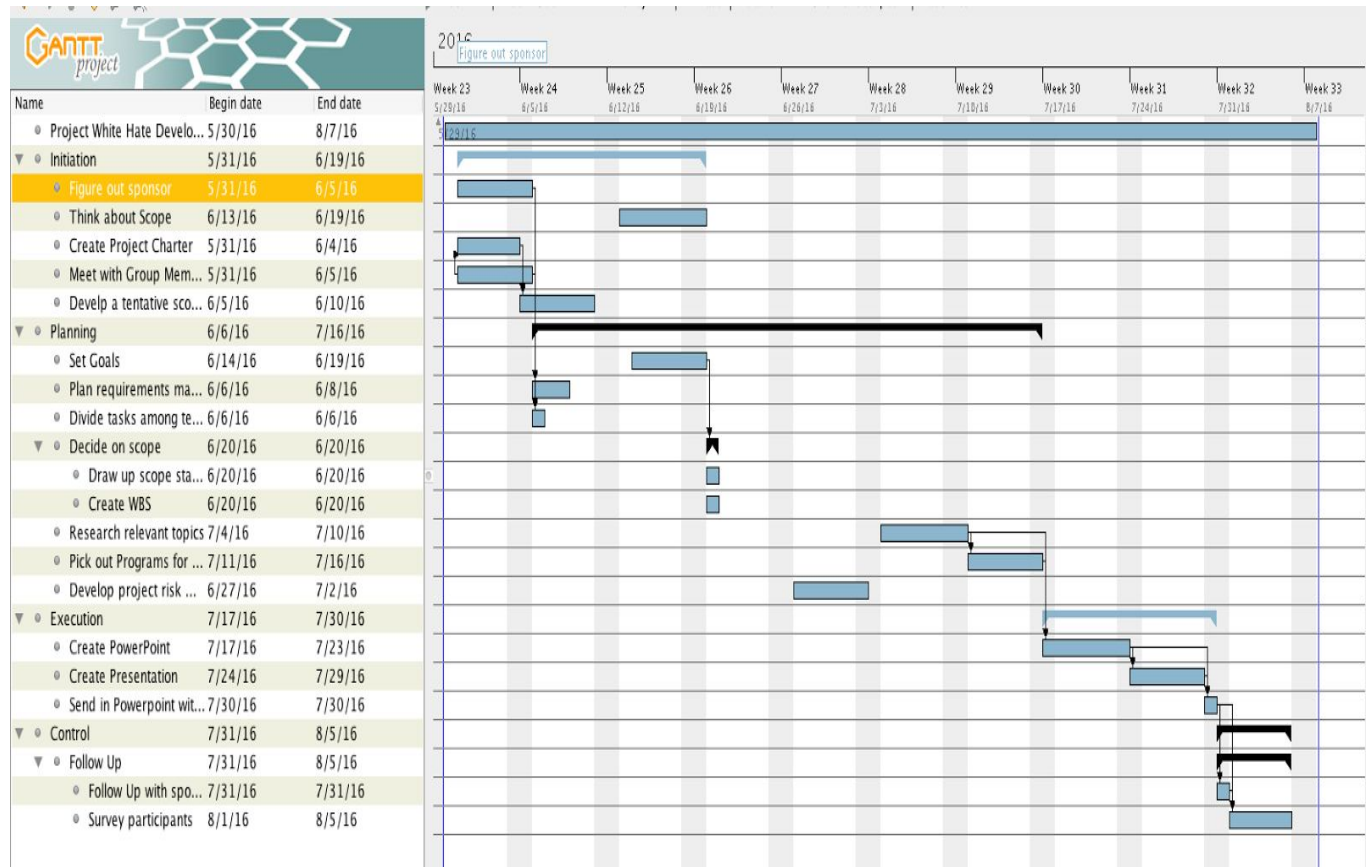
## **Work Breakdown Schedule**

1. Initiation
  - 1.1 Figure out Sponsor
  - 1.2 Think about scope
  - 1.3 Create project charter
  - 1.4 Meet with group members
  - 1.5 Develop a tentative scope statement
2. Planning

- 2.1 Set Goals
- 2.2 Plan requirements made by sponsor
- 2.3 Divide tasks among team
- 2.4 Decide on scope
  - 2.4.1 Draw up scope statement
  - 2.4.2 Create WBS
- 2.5 Research relevant topics
- 2.6 Pick out programs for class
- 2.7 Develop project risk management

- 3. Execution
  - 3.1 Create PowerPoint
  - 3.2 Create Presentation
  - 3.3 Send in Powerpoint with presentation notes
- 4. Control
  - 4.1 Follow up
    - 4.1.1 Follow up with sponsor
    - 4.1.2 Survey participants
  - 4.2 Collect data
  - 4.3 Adjust presentation if necessary
- 5. Closure
  - 5.1 Hand over all relevant data to sponsor
  - 5.2 Hand over all relevant data to hand-off team

## Gantt Chart Image



## Risk Management Plan

Project	White Hat Education
Team Members	Marco Carvallo, Tyler Lovell
Date	7/1/2016
Version	1.0

Risk	Prob.	Impact	Product	Mitigation	Task Changes
Wrong information on presentation	10%	4	Informed after review by sponsor	Double check all sources and recompile presentation	Submit tentative deliverables to professional for review and check all

					sources
Lack of completion of presentation	15%	3	Falling behind on assignments in class	Re-evaluate the situation and make changes in group schedules	
Unable to recruit follow up team	50%	5	Lack of interest to continue the course	Continue attempting to contact more people or email Doctor Ho asking her to bring it up in the intro cyber security course next semester	Email Dr. Ho and contact CodeEducation members and the FSU Cyber Security Club
Overwhelming interest in the subject	20%	4	Large amounts of feedback from potential class teachers and students	Create additional class schedules and material	Assign more subjects to group members to create more class material
Uninteresting subject material	5%	1	People show no interest in continuing subject education	Try to provide interesting material using user feedback	Take a survey to gauge student interest

## Closeout and Handoff

- **Executive summary**

The White Hat Education group has finished the preliminary class deliverables and the creation of the project management plan. We have assessed the risks associated with this project as well as delved into the goals we wish to accomplish. Going forward we will use this document as a guideline when developing more deliverables and assessing the worth of expansion. The overall goal of this group is to spread cyber security awareness amongst college students by trying to relate to those outside of technical majors. It is our hope that as this group and project move forward that interest will grow and we can reduce the number of cyber security incidents on the Florida State University campus.

- **Project Goals and assessments**

- Create a presentation on an introduction to web browsing security
- Update all information on project management plan
- Hand off project to CodeEducation who is able to continue our plan

- **Pointers to locations**

- Project documents - [White Hat Education Folder](#)
- Deliverable locations - [White Hat Education Folder](#)

- **Lessons learned**

- Project Management plans keep everything organized
- Easier to keep up with tasks when using a gantt chart
- How to communicate IT security to a general audience
- How to foresee risks and attend to them

- **Handoff Plan**

- This project will be handed off to the CodeEducation group on August 5th, 2016. CodeEducation will be responsible for further White Hat Education classes and will maintain and update this document. When going forward they should refer back to this document to keep in-line with the overall goals of the White Hat Education classes. They may refer to our first class deliverable to see how to structure all further classes and should add anything they create to the White Hat Education Folder. Ideally, they will continue these classes as part of their regular curriculum and will continue our work for years to come.