

# Homework 1: Threat Modeling

This homework is intended to fulfill UCF's requirement for some interaction from you during the first week of class and to help set context for the class material.

## General Directions

This homework must be done individually. This assignment is due Friday at 11:59pm the first week of class.

## What to turn in

For this assignment, turn in text, either typed directly into Webcourses or a Word document or PDF file uploaded to Webcourses.

## The Assignment

1. [Plan] [Judge]
  - (a) (5 points) Name and briefly describe an enterprise or product whose security (or lack thereof) affects (or could affect) our daily lives. Also give a URL to where more information about this enterprise or product can be found.
  - (b) (5 points) Briefly explain why the security of this enterprise or product is important.
2. [Plan] [Judge]
  - (a) (9 points) Briefly describe the three (3) most important threats to the security of the enterprise or product from the previous question.
  - (b) (6 points) Briefly state why each threat is important, either to the enterprise or product itself or to its users.
3. (15 points) [Plan] [Judge] Briefly describe the implications, for society as a whole (i.e., for our daily lives), of each of the security violations you noted above in your answer to the previous question.
4. (15 points) [Plan] [Judge] Briefly describe at least one mitigation for each of the security violations you noted above.